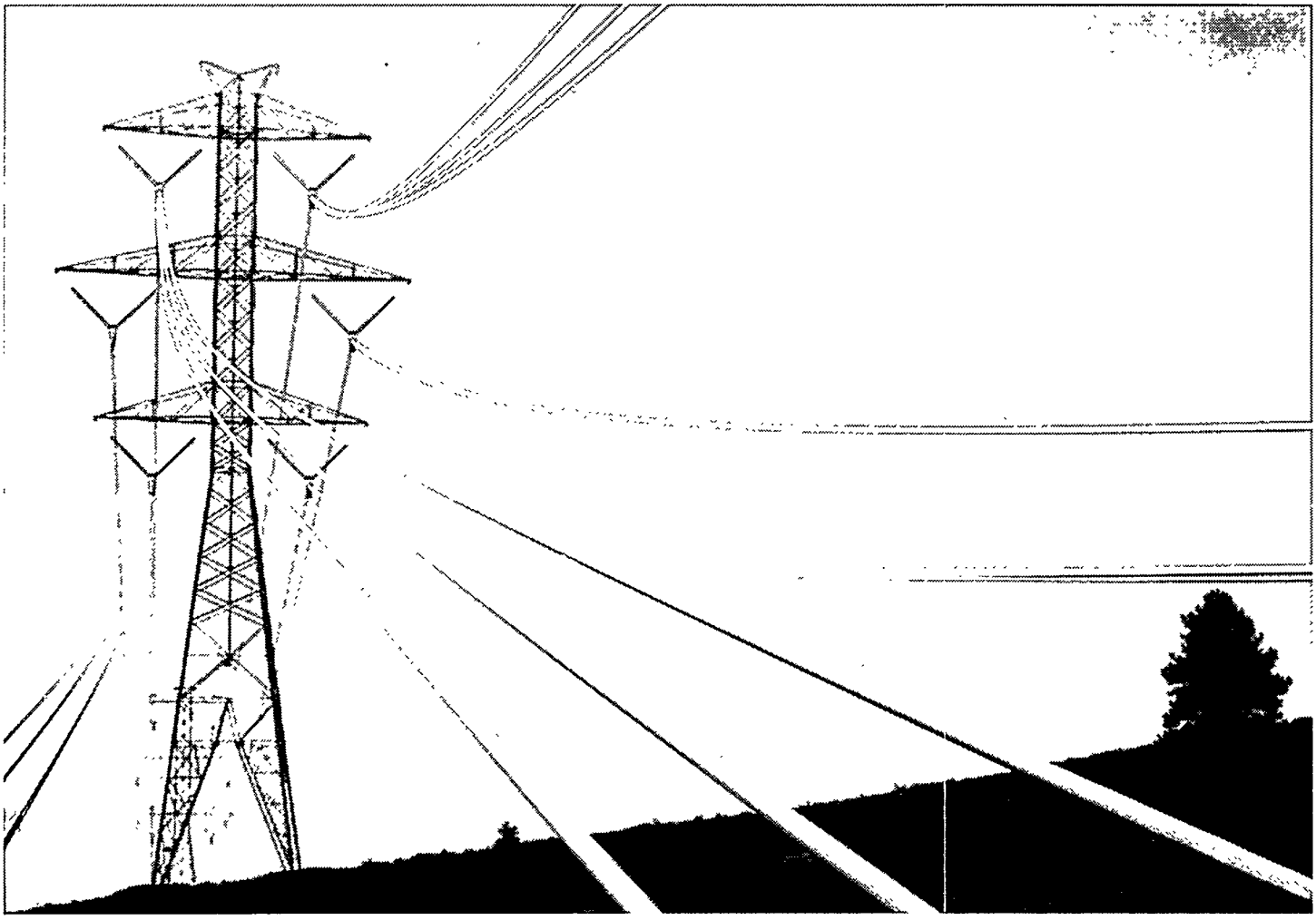
1994 Pacific Northwest Loads and Resources Study

Technical Appendix: Volume 1

This document is a product of the Energy Resources Development and Implementation Process:

Define Situation →
Identify Alternatives
Select Strategies
Implement Strategies
Evaluate Performance



Bonneville
POWER ADMINISTRATION

December 1994

Energy Resources Development and Implementation Process

The Energy Resources Program contains all the steps needed to plan for and manage energy resources. This chart reflects that process, with major tasks for each step. Though we display a linear process, it is a simplification; many interactions among the stages take place. Throughout the process, Bonneville asks customers, the Northwest Power Planning Council, utility and environmental groups, the public and others for their advice and comment.

Customers
Northwest Power Planning Council
Utility and Environmental Groups
The Public

Defining the Resource Picture

To define the resource picture, Bonneville assesses its customers' power requirements for the next 10 years and the supply of existing resources. Bonneville and the Northwest Power Planning Council publish energy demand forecasts, and analysts forecast how much power from existing resources will be available to meet projected uses. The difference must be met by new resources.

Identifying Alternatives

Analysts track potential resources and predict future supplies of conservation and generation resources, including imports and power exchanges. Analysts study all aspects of a resource: reliability, public opinion, cost, environmental impact, regulatory transmission and fuel constraints, and development time. Alternatives considered include opportunities for coordinating hydro system operations with Canada and for power purchases and transfers with Canadian and Southwest utilities.

Selecting Strategies

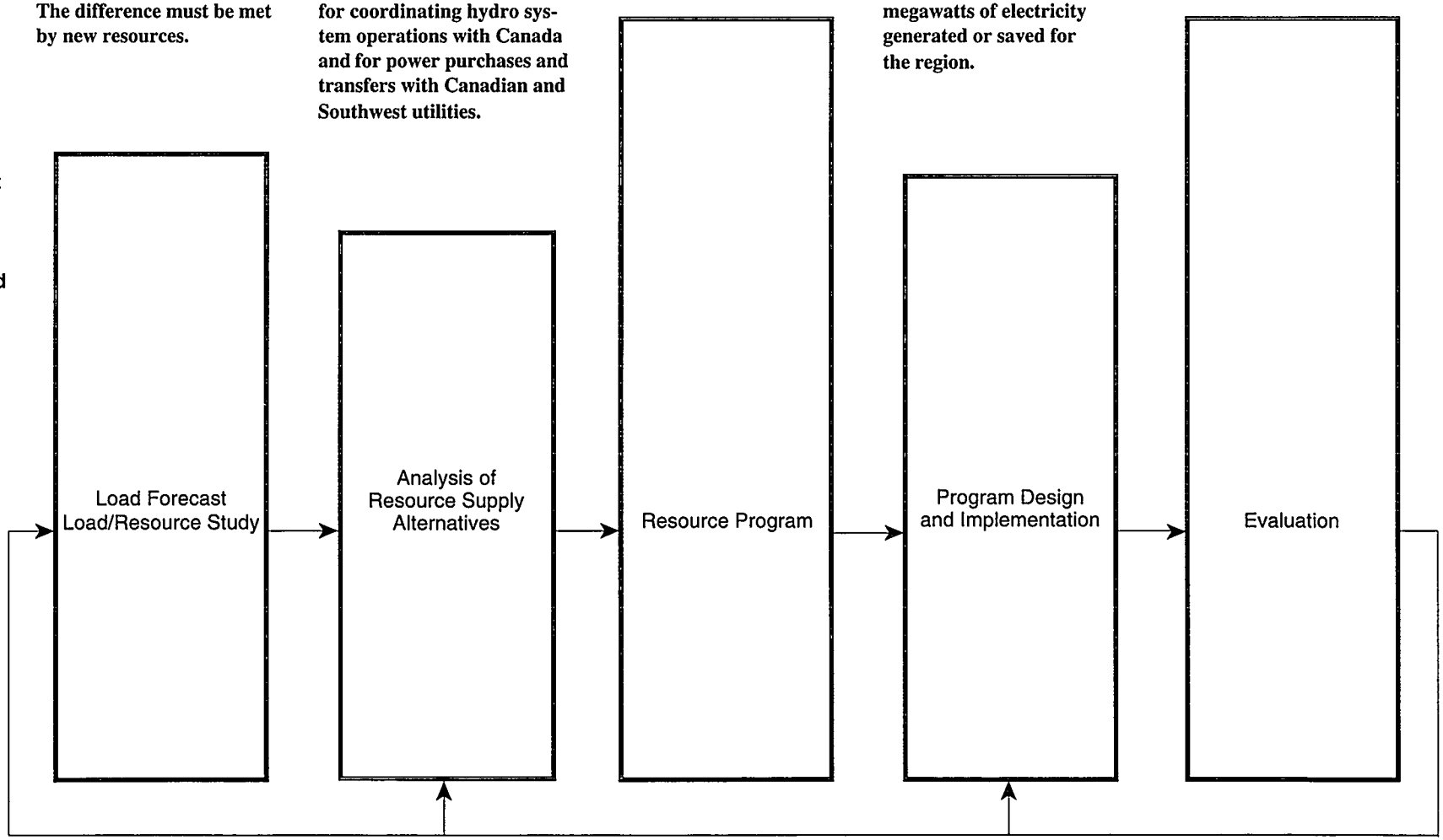
Using information on loads and resources, Bonneville weighs combinations of resources, their consequences, and public comment to choose the most appropriate and cost-effective resource strategy. The Resource Program documents this strategy.

Implementing Strategies

Fulfilling the plans in the Resource Program is the next step. Working with utilities, resource developers, interest groups, the public, and others, Bonneville sponsors conservation and generation programs and projects. BPA conducts environmental reviews of programs and projects and also provides oversight for generation projects. The result: megawatts of electricity generated or saved for the region.

Evaluating Performance

How well did actions meet BPA's objectives? Answering this question through program evaluation provides information on energy savings, energy production, costs and other measures of program quality. It is BPA's policy to evaluate all energy resource acquisitions.



1994 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY

TECHNICAL APPENDIX: VOLUME 1

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BONNEVILLE POWER ADMINISTRATION

December 1994

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ACKNOWLEDGMENTS

Preparation of the annual Pacific Northwest loads and resources study is a complex, multidisciplinary effort. The managers of BPA's Marketing Support Group wish to acknowledge the team—BPA staff and others—whose diligence and dedication result in a reliable, high quality document.

Marketing Support Group

Market Forecasting & Segment Analysis

Customer & Competitor Analysis

Resource Optimization Group

Hydro system regulation study and data collection

Pacific Northwest Utilities Conference Committee

Loads and resources data collection

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I. OVERVIEW

Introduction

The 1994 Pacific Northwest Loads and Resources Study establishes the Bonneville Power Administration's (BPA) planning basis for supplying electricity to BPA customers. The Loads and Resources Study is presented in two documents: 1) this technical appendix detailing loads and resources for each major Pacific Northwest generating utility; and 2) a summary of Federal system and Pacific Northwest region loads and resources. This analysis updates the 1993 Pacific Northwest Loads and Resources Study Technical Appendix published in December 1993.

This technical appendix provides utility-specific information that BPA uses in its long-range planning. It incorporates the following for each utility:

1) Electrical demand—firm loads;
2) Generating resources; and
3) Contracts both inside and outside the region.

This document should be used in combination with the 1994 Pacific Northwest Loads and Resources Study, published in December 1994, because much of the information in that document is not duplicated here.

This BPA planning document incorporates Pacific Northwest generating resources and the 1994 medium load forecast prepared by BPA. Each utility's forecasted future firm loads are subtracted from its existing resources to determine whether it will be surplus or deficit. If a utility's resources are greater than loads in any particular year or month, there is a surplus of energy and/or capacity, which the utility can sell to increase revenues. Conversely, if its firm loads exceed available resources, there is a deficit of energy and/or capacity, and additional conservation, contract purchases, or generating resources will be needed to meet the utility's load.

Additional copies of this technical appendix, along with copies of the 1994 Pacific Northwest Loads and Resources Study, can be obtained from BPA's Public Involvement Office, toll-free, 1-800-622-4520.

Study Content

This document details the loads, resources, and contracts of each utility in the Pacific Northwest region and profiles each utility's loads and resources balance. This analysis assumes the following:

- **Capacity surplus/deficit values do not reflect potential nighttime return problems on the Federal system;**
- The region experiences medium load growth;
- The Pacific Northwest Coordination Agreement, which expires June 30, 2003, is replaced with a like agreement;
- BPA's power sales contracts with Pacific Northwest Federal and public agencies, IOUs, and DSIs, which

expire June 30, 2001, are renewed with like agreements;

- All existing Federal contractual arrangements not included under Pacific Northwest power sales contracts expire and are not renewed;
- Federal surplus firm power sales to the cities of Burbank, Glendale, and Pasadena, and the Southern California Edison Company (SCE), are shown as power sales through their expiration.
- BPA's surplus firm power sale to M-S-R remains a power sale through October 31, 2009, then converts to a capacity/energy exchange until it expires;
- BPA's surplus firm power sale to Puget Sound Power and Light terminates and converts to a seasonal power exchange beginning in OY 2001-02, per the terms of the contract;
- BPA delivers 150 megawatts of surplus peak capacity to Portland General Electric (PGE) through June 30, 2001.
- A surplus capacity contract of 50 megawatts with Washington Water Power (WWP) continues through September 30, 2010;
- Sustained capacity limits are 50 hours per week.
- BPA's capacity sale of 1,100 peak megawatts to PacifiCorp (formerly doing business as Pacific Power & Light, a.k.a., PP&L) continues through August 31, 2001;
- BPA serves all of the Pacific Northwest public agencies' net firm load requirements not served by their own resources;
- Extreme weather adjustments during the months of November through February. These adjustments vary monthly from 1,400 to 1,800 peak megawatts under the medium load forecast; and
- The IOUs do not make new long-term BPA purchases under their power sales contracts.

The energy analysis spans 10 years and contains yearly averages for operating years (OYs) 1995-96 through 2004-05[1] by month for OYs 1995-96, 1999-2000, and 2004-05. The capacity analysis is shown by month for OYs 1995-96, 1999-2000, and 2004-05. BPA considers these three years of monthly capacity data representative of the 10-year study period. The inclusion of monthly energy and capacity data for 10 years would be massive and would not enhance the usefulness of this study. This appendix also includes monthly summaries spanning 10 years of regional and Federal system capacity surpluses/deficits under the medium load forecast, based on capacity delivery levels of 50 hours per week. In addition, sensitivity tables are included showing the regional and Federal system capacity surpluses/deficits at capacity delivery levels of 30 hours per week and 70 hours per week.

[1]Operating Year (OY) is the 12-month period August 1 through July 31. For example, OY 1995-96 is August 1, 1995 through July 31, 1996.

CHANGES IN THE 1994 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY

This section describes the major changes in the assumptions of the 1994 Pacific Northwest Loads and Resources Study compared to the 1993 study. Other changes are reflected in the data for each utility contained in this appendix.

Hydro Regulation Study

This study incorporates the hydro requirements contained in the NMFS Draft Biological Opinion dated March 16, 1994.

In addition to all current flow requirements, the NMFS Draft Biological Opinion includes June CRFA, providing 3.5 MAF of storage behind the reservoirs' dams, January through April 15, for release in June to enhance fish passage. This creates energy deficits in the winter during critical water conditions and potential power purchases. Under better water conditions, natural runoffs provide enough storage to meet CRFA requirements. CRFA reduced the Federal system critical period energy by 217 average megawatts when compared to last year's study. During the 42-month critical period, June CRFA with the May Water Budget produces generation for the Federal system that is beyond normal amounts that can be marketed in that month. June CRFA energy, as well as May Water Budget, are included as reductions to the Federal system loads and resources analysis. In last year's study, CRFA was assumed to be handled operationally using non-firm energy and power purchases.

New Federal System Firm Resources

BPA contracted for several resources for use in meeting long-range loads.

There are four new Federal non-utility generating (NUG) resources which provide up to 184 average megawatts over the study period. These are shown in Table TA-1-1, page TA-1-4. The energy produced by these projects is shown as Federal NUGs on line 36 in Exhibits 1 through 4, pages 43 through 53, in the 1994 Pacific Northwest Loads and Resources Study. Additionally, Table TA-1-1 lists up to 96 average megawatts of new non-utility generation contracted for by BPA since last year's analysis.

Table TA-1-1

New Federal System Resources

Name	Type	On-Line Date	Energy (aMW)
New Federal Non-Utility Generation:			
Tenaska #2 (Frederickson)	Combustion Turbine	October 1996	124
SDS Lumber	Cogeneration	October 1996	50
Clearwater	Hydro	January 1996	1
Wyoming Wind (BPA share)	Wind	January 1996	9
Total New Federal Non-Utility Generation			**184**

New BPA-Contracted Non-Utility Generation:			
Wauna	Cogeneration	October 1996	29
Newberry	Geothermal	November 1997	30
Glass Mountain (Vale)	Geothermal	October 1998	28
Columbia Hills Wind	Wind	January 1996	9
Total BPA-Contracted Non-Utility Generation			**96**

Conservation Reductions

This analysis assumes that energy consumers will change their consumption in response to changes in electricity price. The 1994 BPA load forecast was reduced for the following conservation program types and due to conservation reinvention.

1. As in previous loads and resources studies, the load forecast was reduced for conventional programmatic conservation measures. These measures are currently-budgeted BPA-sponsored programs and are counted as a reduction to loads. These programs include residential, commercial, industrial, and agricultural programmatic conservation, and targeted acquisitions. They are detailed on line 1 of Table TA-1-2, page TA-1-6.

2. This year's study includes other BPA-funded conservation and load reductions due to conservation reinvention programs and changes in the competitive power marketing business. This is a new reduction to the 1994 study and includes the following:

- Additional performance-based conservation billing credits contracts, consistent with the Regional Act's billing credit provisions, resulting from responses to a BPA request for proposals;
- Competitive acquisitions, which are performance-based conservation purchase arrangements resulting from responses to BPA's Competitive Acquisition request for proposals;
- Power plants, which includes contracts BPA has with individual utilities and with consortia of utilities to use third party financing toward comprehensive utility conservation programs;
- Tiered rate conservation response due to retail consumer changes in retail rate structure resulting from BPA implementing tiered rates;

- Market transformation reductions due to lasting changes in the market that result from the penetration of energy efficient technologies and practices; and
- Non-MCS codes and standards, which are conservation means not currently included in MCS.

These programs are detailed on line 2 in Table TA-1-2.

Table TA-1-2, line 3, shows additional customer-funded conservation programs. These conservation measures are customer funded and not fully defined; they are **not** included as a load reduction. They are shown to help illustrate the total cumulative conservation savings within the Pacific Northwest region, following guidelines set in the 1994 BPA Business Plan and the Council's regional power plan. Total cumulative conservation savings are shown in Table TA-1-2, line 4.

New Non-Generating Public Agency Resources

This year's analysis contains new public agency resources including Clark County PUD's Cogentrix (202 average megawatts) beginning September 1997 and Grays Harbor PUD's share of Centralia (50 average megawatts) beginning July 1995.

Table TA-1-2

1994 Pacific Northwest Loads and Resources Study
Cumulative Conservation Savings and Other Load Adjustments
Energy in Average Megawatts

Operating Year[1]	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
1. Conventional Conservation Reductions Accounted for in the 1994 BPA Load Forecast										
Programmatic Conservation										
Residential	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
Commercial	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
Industrial	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
Agricultural	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
Sub-total	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0	179.0
Targeted Acquisitions (TAP)	31.1	33.9	35.2	36.0	36.9	37.4	37.6	37.9	37.9	37.9
Total Conservation Reductions in the Load Forecast	**210.1**	**212.9**	**214.2**	**215.0**	**215.9**	**216.4**	**216.6**	**216.9**	**216.9**	**216.9**
2. Additional Conservation & Conservation Reinvention Load Reductions Accounted for in the 1994 BPA Load Forecast										
Billing Credits	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Competitive Acquisitions	18.7	23.4	26.6	27.8	28.4	28.9	29.1	29.4	29.4	29.4
Power Plants	53.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
Assumed Tiered Rate Response	4.0	8.0	12.0	17.0	23.0	30.0	38.0	47.0	47.0	47.0
Assumed Market Transformation	1.0	3.0	6.0	10.0	14.0	18.0	23.0	27.0	27.0	27.0
Adjustments for Codes & Standards	13.0	19.0	25.0	31.0	37.0	43.0	49.0	55.0	55.0	55.0
Total Additional Load Reductions in the Load Forecast	**300.2**	**323.0**	**340.5**	**357.5**	**375.0**	**393.0**	**412.4**	**432.0**	**432.0**	**432.0**
3. Additional Customer Funded Conservation not Included in the 1994 BPA Load Forecast										
Customer-Funded Conservation	18.0	38.0	65.0	95.0	125.0	156.0	189.0	223.0	223.0	223.0
4. Total Projected Conservation Savings[2]	**318.2**	**361.0**	**405.5**	**452.5**	**500.0**	**549.0**	**601.4**	**655.0**	**655.0**	**655.0**

The conservation data is cumulative since 1992.
Price induced conservation is not included in these conservation savings because the load forecast already accounts for price induced conservation.

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[1] Operating Year (OY) is the 12-month period August 1 through July 31. For example OY 1995-96 is August 1, 1995 through July 31, 1996.
[2] Total conservation savings consistent with the 1994 BPA Business Plan.

BPA POWER SALES CONTRACTS

The following reflects BPA's current power sales contracts. Currently, BPA and its customers are negotiating provisions in new power sales contracts. As new power sales contracts are signed, they will be incorporated in this analysis. The Pacific Northwest Electric Power Planning and Conservation Act (Northwest Power Act), Public Law 96-501, requires BPA to offer power sales contracts to all its regional customers. These contracts provide a basis for public agencies, cooperatives, and investor-owned utilities (IOUs) to purchase wholesale power from BPA. If requested, BPA is obligated to serve that portion of each contract customer's firm load not already served by the customer's own resources.

Dedicated Resources

BPA's power sales contracts require each customer to submit an annual Firm Resource Exhibit (FRE) declaring which of its own resources will be dedicated to serve firm loads. Each customer's FRE covers a rolling 7-year period (the first year of the 7-year period is dropped and a new seventh year is added with each annual submittal). A utility customer may add or subtract from its dedicated resources for the seventh year. The current FRE period is OYs 1994-95 through 2000-01. Depending on the Federal loads and resources balance, the utility customer has the option of changing its dedicated resources during the 7-year FRE period, thus changing BPA's obligation to that utility. A BPA utility customer may withdraw dedicated resources if the Federal system has a firm energy surplus, or may add dedicated resources if the Federal system is firm energy deficit. This analysis assumes that any resource dedicated by a customer to serve its loads in the current seventh year (OY 2000-01) will remain dedicated to serve those loads throughout the 10-year study period.

BPA Obligations to Public Agencies

Public agencies that own and schedule resources to meet their loads are considered to be generating public agencies. These public agencies may obligate BPA to deliver either their actual or their planned computed energy requirements under their power sales contracts.

Actual Computed Requirements Customers

Actual Computed Requirements customers are entitled to purchase firm power in amounts equal to their actual firm peak and firm energy load, less their assured peak and energy capability, respectively. While Actual Computed Requirements customers provide BPA with estimates of their monthly firm peak energy and loads, these customers are always entitled to take from BPA the amount of power they ac-

tually need, whether it is more or less than estimated.

Planned Computed Requirements Customers

Planned Computed Requirements customers obligate BPA to deliver only that amount of power the customer has planned to purchase from BPA. These purchase plans are submitted in the customer's Assured Capability Exhibit to BPA in advance for each coming operating year. Any power the Planned Computed Requirements customer needs beyond each month's stated plan is the responsibility of the customer. Conversely, the customer is not obligated to take all the power it has planned to purchase, and is free to purchase power from other sources.

Currently, all of BPA's generating public agency Computed Requirements customers are purchasing on the basis of Actual Computed Requirements contracts except for Tacoma Generating Utilities, which is a Planned Computed Requirements customer.

BPA's obligation to each public agency customer equals the sum of the customer's firm loads less the sum of its dedicated resources. A public agency's firm loads include its system loads plus exports and contracts out. Resources include generating resources plus imports and contracts in. For example, if a public agency has a firm load of 100 average megawatts and has 20 average megawatts of dedicated resources, BPA's obligation under the power sales contract would be 80 average megawatts. BPA's total obligation to generating public agencies is shown in Federal Table 2, line 12, Section II, pages TA-1-20 through TA-1-24, and in Section VII, pages TA-1-142 through TA-1-150.

BPA Obligations to Small and Nongenerating Public Agencies

Metered Requirements Customers

The small and nongenerating public agencies are designated as Metered Requirements customers. These customers assign their resources, if any, to BPA. In return, BPA is obligated to serve their total requirements.

For this study, BPA's obligation to the small and nongenerating public agencies is analyzed by aggregating the firm loads and FRE dedicated resources of this group. Their requirements placed on BPA equal the sum of their firm loads less the sum of their dedicated resources. The total BPA obligation to small and nongenerating public agencies is presented in Federal Table 2, line 7, Section II, pages TA-1-20 through TA-1-24, and in Section VII, pages TA-1-136 through TA-1-144.

BPA does have a model that analyzes the loads and resources of each of the small and nongenerating utilities and the total BPA obligation. This model verifies that the difference between the two methodologies is insignificant and use of either model is appropriate.

BPA Obligations to Investor-Owned Utilities

Contracted Computed Requirements Customers

BPA's investor-owned utility (IOU) customers have selected the Contracted Computed Requirements power sales contract option.

A Contracted Computed Requirements customer schedules its annual peak and

average energy purchases for a 7-year period. This allows a customer to contract for an amount of power from BPA which is less than its full net requirement. The customer must then acquire firm resources to serve its remaining load from sources other than BPA.

Presently, no IOU is placing an obligation on BPA:

This analysis assumes no new long-term IOU power sales contract purchases from BPA. This is due to the uncertainty of the IOUs' intentions concerning whether to purchase BPA power under their power sales contracts. BPA believes this decision is reasonable because: 1) The IOUs have not informed BPA to the contrary; and 2) the IOU power sales contracts contain a 7-year notice requirement that provides BPA adequate time to secure resources to meet increased IOU obligations. The total BPA obligation to the IOUs is presented in Federal Table 2, line 13, Section II, pages TA-1-20 through TA-1-24, and in Section VII, pages TA-1-142 through TA-1-150.

UTILITY PROFILES

Montana Power Company

Montana Power Company (MPC) has only a portion of its load in the Pacific Northwest region. The power sales contract between BPA and MPC specifies the method for determining that portion of MPC's firm resources committed to serve its firm loads within the region. This method assumes that all contractual obligations between BPA and MPC are dedicated to serve only that portion of MPC's firm load that falls within the Pacific Northwest region. MPC must use its own resources—or resources purchased from other providers—to meet its residual load obligations outside the Pacific Northwest region.

All of MPC's generating resources, with the exception of its share of Colstrip 4, are submitted in its annual Firm Resource Exhibit (FRE). (Colstrip 4 is excluded because MPC's share of this project has been sold to Puget Sound Power and Light (50 percent) and the Los Angeles Department of Water Power (50 percent).) These resources are prorated according to the portion of MPC's residual load in the region. By prorating resources in this manner, resources will be assigned to the Pacific Northwest region until MPC's entire region is in loads and resources balance. This allows any MPC system surpluses to reside on MPC's eastern system. At the time MPC's total system becomes deficit, that deficit will be shared equally between MPC's Pacific Northwest and eastern systems.

This analysis specifies MPC's prorated resources as "regional." The loads and resources balance for MPC is included in Table U-2, Section III, page TA-1-37, and in Section VIII, pages TA-1-169 through TA-1-171. The loads and resources analysis for the total MPC system is presented in Table M-2, Section IV, page TA-1-57, and in Section IX, pages TA-1-225 through TA-1-227.

Utah Power Company

Utah Power Company has only a portion of its service territory in the Pacific Northwest region. The resources used to serve Utah's load are assumed to be intra-company transfers equal to their load in the region. The utility analysis for Utah is shown in Table U-6, Section III, page TA-1-41, and in Section VIII, pages TA-1-181 through TA-1-183.

Utah Power Company and Pacific Power and Light Company have merged into one company, PacifiCorp. These utilities are moving toward a one-utility submittal and may be represented in a different format in future analyses.

FEDERAL CAPACITY LOAD DIVERSITY

The 1-hour Federal firm capacity load is reduced to reflect the fact that not all peak loads occur simultaneously. Variations in the timing of Federal peak loads throughout the region reduce the actual capacity needed to serve firm loads from what it would be if peak demands were simply added together. Table TA-1-3 shows the Federal capacity diversity adjustment, which is a percentage reduction applied to the total Federal firm peak loads less the Federal loads to the U.S. Bureau of Reclamation (USBR), DSI firm loads, DSI firm losses, and Federal exports. The Federal firm diversity adjustment is multiplied by the adjusted Federal 1-hour firm load to determine the 1-hour peak load diversity reduction. The Federal firm diversity reductions are shown in Federal Table 2, line 14, Section VII, pages TA-1-142 through TA-1-147, and in Regional Table 1, line 4, Section VII, pages TA-1-132 through TA-1-137.

Table TA-1-3

Federal Peak Load Diversity Factors

Month	Diversity Adjustment
July	0.13
August	0.13
September	0.13
October	0.12
November	0.10
December	0.07
January	0.07
February	0.07
March	0.10
April	0.10
May	0.12
June	0.13

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SECTION II - LOADS AND RESOURCES TABLES OF THE NORTHWEST REGION BY MAJOR SUPPLY GROUPS

Annual Energy Analysis

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TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
FIRM LOADS											
1 SYSTEM FIRM LOADS	1/	20159	20459	20721	20942	21167	21378	21584	21814	22063	22319
2 EXPORTS	3/	1310	1308	1320	1437	1566	1557	1557	1633	1755	1634
3 FEDERAL DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0
4 FIRM LOADS		21469	21767	22041	22379	22733	22935	23141	23447	23818	23953
INTERRUPTIBLE LOADS											
5 REGIONAL INTER. LOADS	2/	433	638	638	633	626	620	620	620	620	620
6 TOTAL LOADS		21902	22405	22680	23011	23359	23556	23762	24067	24439	24573
HYDRO RESOURCES											
7 REGULATED HYDRO	5/	11704	11711	11711	11711	11711	11711	11706	11706	11706	11706
8 INDEPENDENT HYDRO	6/	986	999	1000	1001	1001	1001	996	996	996	997
9 MAY WATER BUDGET	7/	-216	-227	-235	-221	-216	-212	-206	-191	-183	-179
10 JUNE COL. RIVER FLOW AUG	7/	-162	-180	-190	-178	-171	-169	-162	-146	-138	-134
11 SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		12312	12303	12286	12313	12325	12332	12334	12365	12381	12391
OTHER RESOURCES											
13 SMALL THERMAL & MISC	9/	63	69	70	70	70	69	66	66	66	66
14 COMBUSTION TURBINES	10/	544	544	730	747	747	747	747	747	747	747
15 RENEWABLES	11/	37	37	37	38	38	38	38	38	38	38
16 COGENERATION	12/	263	286	286	286	286	286	286	286	286	265
17 IMPORTS	13/	1734	1677	1593	1504	1472	1475	1398	1427	1419	1340
18 CENTRALIA		1245	1246	1261	1256	1259	1259	1245	1205	1261	1255
19 JIM BRIDGER		586	602	608	613	603	603	589	616	598	615
20 COLSTRIP 1 & 2		331	342	342	342	342	341	334	334	335	335
21 BOARDMAN		386	386	386	386	386	386	386	386	386	386
22 VALMY		195	196	195	194	195	195	195	195	194	195
23 COLSTRIP 3		496	503	503	504	504	503	498	498	498	498
24 WNP 2		819	821	842	842	845	878	878	878	878	878
25 COLSTRIP 4		623	623	623	623	623	623	623	623	623	623
26 FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0
27 NON-UTILITY GENERATION	15/	1012	1215	1250	1273	1278	1278	1245	1220	1220	1215
28 TOTAL RESOURCES		20646	20850	21012	20991	20973	21013	20863	20885	20930	20847

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
RESERVES AND MAINTENANCE										
29 HYD, SM THRM & MISC RES 16/	0	0	0	0	0	0	0	0	0	0
30 LARGE THERMAL RESERVES 17/	0	0	0	0	0	0	0	0	0	0
31 BPA SPINNING RESERVES 18/	0	0	0	0	0	0	0	0	0	0
32 DSI RESERVES 19/	0	0	0	0	0	0	0	0	0	0
33 HYDRO MAINTENANCE 20/	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
34 NET RESOURCES	20635	20839	21001	20980	20962	21002	20851	20874	20919	20836
SURPLUS/DEFICITS										
35 FIRM SURPLUS/DEFICIT	-834	-928	-1040	-1399	-1770	-1933	-2290	-2573	-2899	-3117
36 TOTAL SURPLUS/DEFICIT	-1268	-1566	-1678	-2031	-2396	-2554	-2910	-3193	-3520	-3737
37 EXTREME WEATHER ADJ. 21/	0	0	0	0	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.	-834	-928	-1040	-1399	-1770	-1933	-2290	-2573	-2899	-3117
39 TOTAL S/D W/EXT WTHR. ADJ.	-1268	-1566	-1678	-2031	-2396	-2554	-2910	-3193	-3520	-3737

PACIFIC NORTHWEST REGIONAL FOOTNOTES

Regional Table 1

1. Firm loads for the region include the sum of the estimated firm loads of Federal agencies, public agencies, direct service industries (DSIs), investor-owned utilities (IOUs), and associated transmission losses. Peak loads represent non-coincidental capacity demands adjusted to account for Federal system diversity; they are based on the prediction of normal weather and have a 50-percent chance of being exceeded.
2. Total loads for the region include system firm loads, plus BPA's nonfirm loads, which include industrial top-quartile loads, associated transmission losses, and Utah Power Company's interruptible load.
3. Exports from the region by Northwest utilities include BPA's surplus firm power sales to the cities of Burbank, Glendale, Pasadena, Sacramento Municipal Utility District, San Diego Gas and Electric, and Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's environmental storage agreement with Southern California Edison; BPA's optional capacity agreement with Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; BPA's Northwest-Southwest Intertie losses; Idaho Power Company's power sales to Sierra Pacific, the cities of Azusa, Banning, and Colton in California, the city of Washington in Utah, and Utah Associated Municipal Power Systems (UAMPS); Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, and power sales to the California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and the Western Area Power Administration (WAPA); Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and WAPA, and seasonal power exchange deliveries to Southern California Edison; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric; the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Northern California Public Agencies; and Snohomish County Public Utility District's seasonal power exchange with Sacramento Municipal Utility District, and Tacoma Public Utilities' power sale to WAPA.

Also included in exports are resources purchased by utilities outside the region. These include WAPA's purchase of the output of Longview Fibre, 14.2 percent of the Boardman coal plant sold to San Diego Gas and Electric, and 10 percent of the Boardman coal plant sold to the City of Turlock, CA.

4. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility allocation requirements. This is because all peaking electrical loads do not occur simultaneously throughout the region.
5. Regulated hydro includes those hydro dams where the firm energy generation of the dam is affected by the release of stored water from upstream reservoirs. Regulated hydro generation is determined by completing a hydro regulation study of the Pacific Northwest hydro system.
6. Independent hydro includes those hydro dams where no reservoirs exist upstream to release stored water and the firm energy is based on fixed historical flows. Hydro independents are not changed as a part of the hydro regulation study.
7. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
8. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
9. Small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; Idaho Power Company's Energy Management System; Portland General Electric's Summit units; Puget Sound Power and Light's Crystal Mountain and Shuffleton; Montana Power Company's portion of Corette and Bird in the region; and Seattle City Light's Boundary.
10. Combustion turbines include Clark County Public Utility's Cogentrix; Idaho Power Company's Wood River; Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia units; and Washington Water Power's Northeast units.
11. Renewables include Emerald County PUD's Short Mountain; and Washington Water Power's Kettle Falls.
12. Cogeneration includes Eugene Water and Electric Board's WEYCO Energy Center; Snohimish County PUD's Scott Paper; and Portland General Electric's Coyote Springs. Longview Fibre output is sold outside the region to WAPA.
13. Imports include exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; exchange energy from the M-S-R Public Power Agency after their surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; deferred energy returns from Sacramento Municipal Utility District and San Diego Gas and Electric; exchange energy returned from San Diego Gas and Electric; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load; Power purchases from Basin Electric Cooperative and Powerex (TransAlta); seasonal power exchange deliveries to BPA from the cities of Pasadena and Riverside; envi-

ronmental storage returns to BPA from Southern California Edison; Pacific Power and Light transfers from their Wyoming division and seasonal power exchange deliveries to Portland General Electric from Southern California Edison; power sale deliveries to Puget Sound Power and Light from BC Hydro, and seasonal power exchange deliveries from Pacific Gas & Electric and from Puget Sound Power and Light to Seattle City Light; Utah Power Company's intra-company transfer; seasonal power exchange deliveries to Washington Water Power from Pacific Gas and Electric; power deliveries to Seattle City Light from BC Hydro for Ross replacement; seasonal power exchange deliveries from Northern California Public Agencies to Seattle City Light; and BC Hydro's delivery of power to BPA for the Portland General Electric inter-company pool.

14. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on-line, they will be included in the loads and resources balance.
15. Non-utility generation (NUG) resources include generation provided to utilities by independent power producers and resources included under the Public Utility Regulatory Policies Act (PURPA). This study included 189 individual NUGs.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the capacity of these resources for all utilities in the region.
17. Large thermal reserves requirements are estimated at 15 percent of the total capacity of the Pacific Power and Light thermal import into the region plus the large thermal resources owned by utilities in the region.
18. Federal spinning reserves equal the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
19. Direct service industry reserve requirements are estimated at one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal, whichever is smaller.
20. Hydro maintenance is the sum of individual Federal system, public agency, and IOU hydro project maintenance, based on the average of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
21. Extreme weather adjustment is the sum of all utility load responses with Pacific Northwest cold weather, and has a 5-percent chance of being exceeded.

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TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS											
1 FEDERAL AGENCIES		145	145	147	147	148	149	150	151	152	153
2 FEDERAL & GEN PUBLIC LOSSES		167	166	168	170	171	174	175	177	178	180
3 USBR		67	67	67	68	67	68	68	68	68	68
4 DSI ALUMINUM FIRM		1916	1941	1941	1941	1941	1941	1941	1941	1941	1941
5 DSI NON-ALUM FIRM		187	216	217	200	181	163	161	160	160	160
6 DSI FIRM LOSSES		59	61	61	60	60	59	59	59	59	59
7 SM & NON GEN PUB PSC PUR	1/	3215	3257	3122	3136	3194	3238	3278	3324	3381	3430
8 FIRM SYSTEM LOAD		5756	5853	5723	5722	5762	5792	5832	5880	5939	5991
TRANSFERS OUT											
9 EXPORTS	2/	285	278	276	396	559	558	555	634	788	777
10 CONTRACTS OUT	3/	601	372	394	395	392	365	341	341	341	341
11 CSPE TO WEST GROUP UTIL	4/	263	251	236	178	102	98	94	62	0	0
12 GEN PUBLIC AGEN PSC PUR	5/	1825	1868	1907	1960	2028	2068	2100	2163	2222	2268
13 IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	7/	0	0	0	0	0	0	0	0	0	0
15 FIRM LOADS		8730	8622	8536	8651	8843	8881	8921	9079	9289	9376
INTERRUPTIBLE LOADS											
16 DSI ALUM TOP QUARTILE	8/	360	550	550	550	550	550	550	550	550	550
17 DSI NON-ALUMINUM TQ	8/	61	71	71	65	59	53	53	53	53	53
18 TOP QUARTILE LOSSES	8/	12	17	17	17	17	17	17	17	17	17
19 TOTAL LOADS		9163	9260	9174	9284	9469	9502	9542	9700	9909	9996
HYDRO RESOURCES											
20 REGULATED HYDRO		7174	7174	7174	7174	7174	7174	7174	7174	7174	7174
21 INDEPENDENT HYDRO		297	297	298	298	298	298	298	298	298	298
22 MAY WATER BUDGET	9/	-216	-227	-235	-221	-216	-212	-206	-191	-183	-179
23 JUNE COL. RIVER FLOW AUG	9/	-162	-180	-190	-178	-171	-169	-162	-146	-138	-134
24 SUS. PKNG. ADJUSTMENT	10/	0	0	0	0	0	0	0	0	0	0
25 CAN. ENT. NON-FED(CSPE)	11/	55	53	50	38	23	22	21	14	0	0
26 CAN. ENT. NON-FED(CNDA)	12/	0	0	5	36	78	78	77	97	138	137
27 RESTORATION	13/	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
28 TOTAL HYDRO		7122	7091	7076	7121	7160	7166	7176	7220	7263	7271

TABLE 2: FEDERAL SYSTEM (CONTINUED)

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
OTHER RESOURCES											
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	297	257	182	161	123	123	123	123	123	123
34 CONTRACTS IN	15/	276	266	230	230	230	228	252	252	252	252
35 LARGE THERMAL	16/	819	821	842	842	845	878	878	878	878	878
36 NON-UTILITY GENERATION		6	175	183	183	183	183	183	183	183	183
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		8519	8611	8513	8537	8542	8578	8613	8657	8699	8707
RESERVES AND MAINTENANCE											
39 HYD, SM THRM & MISC RES	18/	0	0	0	0	0	0	0	0	0	0
40 LARGE THERMAL RESERVES	19/	0	0	0	0	0	0	0	0	0	0
41 SPINNING RESERVES	20/	0	0	0	0	0	0	0	0	0	0
42 DSI RESERVES	21/	0	0	0	0	0	0	0	0	0	0
43 FEDERAL HYDRO MAINT	22/	0	0	0	0	0	0	0	0	0	0
44 NET RESOURCES		8519	8611	8513	8537	8542	8578	8613	8657	8699	8707
SURPLUS/DEFICITS											
45 FIRM SURPLUS/DEFICIT		-210	-12	-22	-114	-301	-303	-309	-422	-590	-669
46 TOTAL SURPLUS/DEFICIT		-644	-650	-661	-747	-927	-923	-929	-1043	-1210	-1289
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		-210	-12	-22	-114	-301	-303	-309	-422	-590	-669
49 TOTAL S/D W/EXT WTHR. ADJ.		-644	-650	-661	-747	-927	-923	-929	-1043	-1210	-1289
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		-210	-12	-22	-114	-301	-303	-309	-422	-590	-669
52 TOTAL S/D W/EXT WTHR. OBLIG		-644	-650	-661	-747	-927	-923	-929	-1043	-1210	-1289

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

FEDERAL SYSTEM FOOTNOTES

Federal Table 2

1. BPA's small and nongenerating public agencies' purchases are requirements these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own dedicated resources.
2. BPA's exports include surplus firm power sales to the cities of Burbank, Glendale, and Pasadena, and to Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy with deferred return with the Sacramento Municipal Utility District and San Diego Gas and Electric; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's diversity exchange with the city of Riverside; BPA's delivery of environmental storage to Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; and BPA's Northwest-Southwest Intertie losses.
3. BPA's contracts out include its contracts of Canadian Entitlement capacity and supplemental capacity to Pacific Northwest public agencies and IOUs, which expire March 31, 2003; BPA's contracts with Clark County PUD and other public agencies (Packwood Lake); BPA's WNP-1 obligation contracts with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's WNP-3 settlement contracts with Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's power transfer through Pacific Power and Light's system to serve BPA's Southern Idaho load; BPA's capacity sale with Montana Power Company; BPA's surplus firm power sale to Puget Sound Power and Light, which converts to a seasonal power exchange in OY 2001-02; BPA's surplus firm capacity sale to Washington Water Power; BPA's bridge capacity sale to Pacific Power and Light through July 31, 1995; BPA's capacity sale to Portland General Electric; BPA's deferred power exchange with Washington Water Power; and BPA's Baker Head loss replacement with Puget Sound Power and Light.
4. Columbia Storage Power Exchange (CSPE) is the sale of the Canadian share of downstream benefits under the Columbia River Treaty with Canada to a group of Northwest utilities, expiring April 1, 2003.
5. BPA's generating public agencies' purchases are requirements which these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own

dedicated resources. These contracts actually expire June 30, 2001; however, they are assumed to remain in effect through the 20-year study period.

6. Generating private utility purchase is the contracted peak and energy requirement placed on the Federal system under the IOUs' power sales contracts with BPA Currently, no IOU is placing load on BPA under a power sales contract.
7. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility requirements. This is due to the fact that all peaking electrical loads do not occur simultaneously throughout the region.
8. DSIs' aluminum and nonaluminum top quartile load and associated line losses are BPA's interruptible loads.
9. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
10. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
11. Canadian Entitlement Return non-Federal to the Columbia River Storage Exchange (CSPE) reflects the public agencies' and IOUs' obligation of Canadian Entitlement allocation to the Northwest entities of the CSPE, which expires March 31, 2003.
12. Canadian Entitlement Return non-Federal to Canada reflects the Federal system, public agencies', and IOUs' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
13. Restoration adjusts for the losses and gains of the hydro system due to Canadian storage under the terms of the Pacific Northwest Coordination Agreement. It is an obligation to those utilities that gained generation from the addition of Canadian storage, and a resource gain to utilities that lost generation from Canadian storage.
14. Imports includes exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; capacity for energy exchange agreements (#1 and #2) with the city of Pasadena; seasonal replacement energy from the city of Riverside; Southern California Edison's return of environmental storage to BPA; exchange energy from the M-S-R Public Power Agency after its surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; exchange energy returned from San Diego Gas and Electric; deferred energy returned from Sacramento Municipal Utility District, San Diego Gas and Electric, and Washington Water Power; power purchases from Basin Electric Cooperative and TransAlta; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load; and BC Hydro's deliveries of power to BPA.
15. Federal contracts in includes exchange energy to BPA from Montana Power Company, energy delivered to BPA by Northern Wasco County PUD from its McNary Fishway project; WNP-3 settlement exchange energy from Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; deferred power exchange energy from Washington Water Power; sea-

sonal power exchange energy from Puget Sound Power and Light beginning in OY 2001-02; and power purchases from Puget Sound Power and Light and Montana Power Company.

16. Federal large thermal consists of the generation from WNP-2, operated by WPPSS.
17. Federal NUGs include: Tenaska II (Tenaska at Fredrickson), SDS Lumber (Klickitat Energy), Clearwater Dam (owned by the State of Idaho Department of Water Resources), and Wyoming Wind.
18. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on line, they will be included in the loads and resources balance.
19. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the Federal capacity of these resources.
20. Large thermal reserve requirements are estimated at 15 percent of the WNP-2 nuclear project.
21. Federal spinning reserve is the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
22. Direct service industrial reserve requirements are one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal resources, whichever is smaller.
23. Hydro maintenance is the sum of all Federal hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
24. Extreme weather adjustment for BPA's directly served loads.
25. Possible Federal extreme weather adjustment is the possible load on BPA by public agencies customers having the right to place this obligation on BPA.

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TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS											
1 SYSTEM LOADS		7330	7439	7556	7653	7751	7843	7920	8009	8110	8213
2 EXPORTS	1/	69	86	98	98	98	98	99	98	93	64
3 CONTRACTS OUT	2/	84	90	91	91	91	91	85	85	77	63
4 TOTAL LOADS		7483	7615	7745	7842	7940	8032	8104	8192	8280	8340
RESOURCES											
5 REGULATED HYDRO		1734	1738	1743	1748	1753	1767	1779	1791	1803	1814
6 INDEPENDENT HYDRO		110	116	117	117	117	117	117	117	117	117
7 MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	4/	-18	-16	-17	-12	-6	-6	-6	-4	0	0
10 CAN. ENT. RETURN (CNDA)	5/	0	0	-2	-12	-25	-24	-24	-32	-46	-46
11 RESTORATION	6/	2	2	2	2	2	2	2	2	2	2
12 TOTAL HYDRO		1828	1840	1843	1843	1841	1856	1868	1874	1876	1887
13 SMALL THERMAL & MISC	7/	20	20	20	20	20	20	20	20	20	20
14 COMBUSTION TURBINES	8/	0	0	185	202	202	202	202	202	202	202
15 CSPE PURCHASE	9/	132	125	118	89	51	49	46	31	0	0
16 RENEWABLES	10/	3	3	3	4	4	4	4	4	4	4
17 COGENERATION	11/	33	45	45	45	45	45	45	45	45	45
18 IMPORTS	12/	63	63	63	63	63	63	63	63	57	48
19 CONTRACTS IN	13/	84	79	79	75	67	68	68	68	53	45
20 LARGE THERMAL	14/	349	349	353	352	353	353	349	338	353	352
21 NON-UTILITY GENERATION	15/	118	147	174	204	209	209	209	209	209	209
22 TOTAL RESOURCES		2630	2671	2883	2897	2855	2869	2874	2854	2819	2812
23 HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0
25 PUBLIC HYDRO MAINT	18/	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
26 NET RESOURCES		2628	2668	2880	2894	2853	2866	2871	2851	2817	2809
27 SURPLUS/DEFICIT		-4855	-4947	-4865	-4948	-5087	-5166	-5233	-5341	-5463	-5531
28 DEDICATED RESOURCES	19/	2304	2333	2546	2569	2532	2546	2550	2530	2516	2527
29 BPA PWR SLE CNTRCT PRCH	20/	5040	5125	5029	5096	5222	5306	5378	5487	5602	5697
30 SURPLUS/DEFICIT W/PURCHASE		185	178	164	148	135	140	145	146	139	167
31 EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		185	178	164	148	135	140	145	146	139	167
33 POSSIBLE OBLIG ON BPA	22/	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB		185	178	164	148	135	140	145	146	139	167

PUBLIC AGENCIES FOOTNOTES

Total Public Agencies Table 3

1. Public agencies' exports includes the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric and Northern California Public Agencies; Snohomish County PUD's power sale to Sacramento Municipal Utility District; and Tacoma Public Utilities' power sale to the Western Area Power Administration (WAPA).
2. Public agencies' contracts out include Chelan County PUD's capacity deliveries to Douglas County PUD and Portland General Electric; Colockum's capacity deliveries to Chelan County PUD and Pacific Power and Light; Douglas County PUD's exchange energy returned to Chelan County PUD; Grant County PUD's power sales to Pacific Power and Light; Northern Wasco PUD's sale of power from The Dalles Fishway project to Puget Sound Power and Light and from its McNary Fishway project to BPA; other small and non-generating public agencies power sales to Puget Sound Power and Light; Pend Oreille County PUD's power sale to Seattle City Light; Seattle City Light's seasonal power exchange deliveries to Idaho Power Company and Tacoma Public Utilities, and power sale to Pend Oreille County PUD; Snohomish County PUD's power sale to Puget Sound Power and Light; and Tacoma Public Utilities' seasonal power exchange deliveries to Seattle City Light.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Public Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Public Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the public agencies' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.
5. Canadian Entitlement Return non-Federal to Canada reflects the public agencies' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the public agencies that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Public agencies' small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; and Seattle City Light's Boundary.
8. Clark County PUD's Cogentrix is the only public agency-owned combustion turbine.

9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Public agencies' renewable resources include Emerald PUD's Short Mountain.
11. Public agencies' cogeneration includes Eugene Water and Electric Board's Weyerhaeuser WEYCO Energy Center; and Snohomish County PUD's Scott Paper.
12. Public agencies' imports include power deliveries to Seattle City Light from BC Hydro for Ross replacement; and seasonal power exchange deliveries to Seattle City Light from Pacific Gas and Electric and Northern California Public Agencies.
13. Public agencies' contracts in include Chelan County PUD capacity receipts from Colockum, and exchange energy from Douglas County PUD and Portland General Electric; Clark County PUD and other small and non-generating public agencies' power receipts from BPA for Packwood Lake; Colockum exchange energy from Pacific Power and Light; Douglas County PUD capacity receipts from Chelan County PUD; Oregon Trail Cooperative's replacement power sale from Idaho Power Company; Pend Oreille County PUD power sales receipts from Seattle City Light and Washington Water Power; Grays Harbor County PUD's receipt of Centralia capacity exchange power from Puget Sound Power and Light; Seattle City Light's power sale receipts from Pend Oreille County PUD and seasonal power exchanges from Idaho Power Company and Tacoma Public Utilities; and Tacoma Public Utilities' seasonal energy exchange from Seattle City Light.
14. Public agencies' large thermal includes Seattle City Light's, Snohomish County PUD's, Grays Harbor's, and Tacoma Public Utilities' share of Centralia.
15. Public agencies' non-utility generating resources from independent power producers, power brokers, and qualified facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following public agencies: Chelan County PUD, Cowlitz County PUD, Douglas County PUD, Eugene Water and Electric Board, Grant County PUD, Pend Oreille County PUD, Seattle City Light, Small and Non-Generating Utilities, Snohomish County PUD, and Tacoma Public Utilities.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the public agencies' share of capacity from these resources.
17. Large thermal reserve requirements are 15 percent of the public agencies' share of Pacific Northwest thermal resources.
18. Hydro maintenance is the sum of all public agency hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.

20. Purchases from BPA include public agencies' firm power purchases under their power sales contracts and BPA's partnership program. This requirement is defined as the sum of the differences between each utility's firm load and its dedicated resources.
21. Extreme Weather adjustment for all public utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those public utilities having the right to place the obligation on BPA.

TABLE 4: TOTAL INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS												
1	SYSTEM LOADS		10108	10244	10384	10523	10668	10801	10930	11069	11215	11365
2	EXPORTS	1/	827	815	817	814	780	772	774	772	745	685
3	CONTRACTS OUT	2/	663	630	576	565	557	542	541	512	376	347
4	TOTAL LOADS		11598	11688	11777	11901	12005	12116	12246	12353	12337	12396
RESOURCES												
5	REGULATED HYDRO		2661	2663	2658	2653	2648	2634	2617	2605	2593	2582
6	INDEPENDENT HYDRO		580	587	586	587	587	587	582	582	582	583
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-32	-32	-29	-23	-15	-14	-13	-9	0	0
10	CAN. ENT. RETURN (CNDA)	5/	0	0	-2	-21	-47	-48	-47	-57	-81	-80
11	RESTORATION	6/	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO		3239	3248	3243	3226	3203	3189	3169	3151	3124	3115
13	SMALL THERMAL & MISC	7/	43	49	50	50	50	49	46	46	46	46
14	COMBUSTION TURBINES	8/	544	544	545	545	545	545	545	545	545	545
15	CSPE PURCHASE	9/	131	126	118	89	51	49	48	31	0	0
16	RENEWABLES	10/	34	34	34	34	34	34	34	34	34	34
17	COGENERATION	11/	194	205	205	205	205	205	205	205	205	205
18	IMPORTS	12/	1374	1357	1348	1280	1286	1289	1212	1241	1239	1169
19	CONTRACTS IN	13/	1014	701	701	694	694	680	625	598	489	453
20	LARGE THERMAL	14/	3419	3455	3471	3472	3465	3463	3427	3425	3448	3461
21	NON-UTILITY GENERATION	15/	888	893	893	886	886	886	853	828	828	823
22	TOTAL RESOURCES		10880	10612	10607	10481	10419	10389	10164	10104	9958	9851
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0
25	IOU HYDRO MAINT	18/	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
26	NET RESOURCES		10872	10603	10599	10472	10410	10381	10156	10096	9949	9843
27	SURPLUS/DEFICIT		-726	-1085	-1178	-1429	-1595	-1735	-2090	-2257	-2388	-2554
28	DEDICATED RESOURCES	19/	6956	6826	6818	6709	6684	6680	6564	6554	6539	6488
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-726	-1085	-1178	-1429	-1595	-1735	-2090	-2257	-2388	-2554
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-745	-1105	-1197	-1449	-1616	-1755	-2109	-2277	-2407	-2573

PRIVATE UTILITY FOOTNOTES

Total Private Utilities Table 4

1. Private utilities' exports include Idaho Power Company's power sales to Sierra Pacific, Utah Associated Municipal Power System, the Cities of Azuza-Banning-Colton, and the City of Washington, Utah; Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, power sales to California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and Western Area Power Administration; Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and the Western Area Power Administration, and seasonal power exchange deliveries to Southern California Edison; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; and Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric.
2. Private utilities' contracts out include Idaho Power Company's replacement power sale to Oregon Trail Cooperative, seasonal power exchange deliveries to Seattle City Light and Montana Power Company, and a power sale to Montana Power Company; Montana Power Company's power sales to BPA, Pacific Power and Light, Puget Sound Power and Light and Washington Water Power, seasonal power exchange deliveries to Idaho Power Company, and exchange energy returned to BPA; Pacific Power and Light's power sale to Puget Sound Power and Light, WNP-3 settlement energy to BPA, and exchange energy to Colockum; Portland General Electric's contract to Pacific Power and Light for Cove replacement and exchange energy returned to Chelan County PUD, and WNP-3 settlement energy to BPA; Puget Sound Power and Light's power sales to BPA, seasonal power exchange deliveries to BPA (beginning July 1, 2001) and WNP-3 settlement energy to BPA; and Washington Water Power's power sales to Pacific Power and Light, Pend Oreille County PUD, and Puget Sound Power and Light, capacity sale to Portland General Electric, replacement power sale to Pacific Power and Light (Sandpoint), WNP-3 settlement energy to BPA, and deferred power exchange with BPA.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Private Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Private Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the private utilities' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.

5. Canadian Entitlement Return non-Federal to Canada reflects the private utilities' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the private utilities that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Private utilities' existing small thermal and miscellaneous resources include Idaho Power Company's Energy Management Systems; Puget Sound Power and Light's Shuffleton and Crystal Mountain; Portland General Electric's Summit plants; and Montana Power Company's portions of Bird and Corette in the region.
8. Private utilities' combustion turbines include Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia; Washington Water Power's Northeast; and Idaho Power Company's Wood River.
9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Private utilities' renewable resources include Washington Water Power's Kettle Falls.
11. Private utility cogeneration resources include Portland General Electric's Coyote Springs.
12. Private utilities' imports include Pacific Power and Light transfers from its Wyoming division and service to Southern Idaho loads for BPA; Portland General Electric Company's seasonal power exchange receipts from Southern California Edison; Puget Sound Power and Light's power purchase receipts from BC Hydro, and seasonal power exchange receipts from Pacific Gas and Electric; Utah Power Company's intra-company transfer; and Washington Water Power's seasonal power exchange receipts from Pacific Gas and Electric.
13. Private utilities' contracts in include Idaho Power Company's seasonal energy exchange receipts from Montana Power Company and Seattle City Light; Montana Power Company's power purchase and seasonal power exchange receipts from Idaho Power Company, and WNP-1 obligation receipts and capacity for energy exchange receipts from BPA; Pacific Power and Light's capacity receipts from BPA and Colockum, power purchase receipts from BPA for BPA's Southern Idaho load, power purchases from Grant County PUD, Montana Power Company and Washington Water Power, Cove replacement from Portland General Electric, and Sandpoint replacement power from Washington Water, WNP 1 obligation receipts and WNP 3 settlement receipts from BPA; Portland General Electric's capacity receipts from Chelan County PUD, Washington Water Power, and BPA, WNP 1 obligation and WNP 3 settlement from BPA; Puget Sound Power and Light power purchase and seasonal power exchange receipts from BPA, and power purchase receipts from BPA (Baker Head loss), Montana Power Company, other small and non-generating public agencies, Northern Wasco PUD, Pacific Power and Light, Snohomish County PUD, and Washington Water Power; WNP 1 obligation and WNP 3 settlement receipts from BPA; Washington Water Power capacity receipts, WNP 1 obligation, WNP 3

settlement, and deferred power exchange from BPA; and power purchase receipts from Montana Power Company.

14. Private utilities' large thermal includes the private utilities' shares of Centralia, Jim Bridger, Colstrip 1 and 2, Colstrip 3 and 4, Boardman Coal, and Valmy; and Puget Sound Power and Light's purchase of Grays Harbor's share of Centralia through OY 1996-97.
15. Private utilities' non-utility generating resources from independent power producers, power brokers, and qualifying facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following private utilities: Idaho Power Company, Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the private utilities' share in the capacity of these resources.
17. Large thermal reserve requirements are 15 percent of the private utilities' share of Pacific Northwest thermal resources and the Pacific Power and Light import from Wyoming.
18. Hydro maintenance is the sum of all private utility hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.
20. Purchases from BPA include the private utilities' contracted firm energy or firm capacity purchases under their power sales contracts and BPA's partnership program. Currently, no IOU places load on BPA through a power sales contract.
21. Extreme weather adjustment for all private utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those private utilities having the right to place the obligation on BPA. No private utilities are assumed to place this obligation on BPA.

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SECTION III - INDIVIDUAL UTILITY LOAD AND RESOURCE BALANCES

Annual Energy Analysis

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TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	1558	1586	1612	1639	1660	1687	1708	1728	1744	1770
2 EXPORTS	106	105	108	103	68	58	59	55	27	6
3 CONTRACTS OUT	77	35	35	34	27	27	27	27	12	12
4 TOTAL LOADS	1741	1726	1755	1776	1755	1772	1794	1810	1783	1788
RESOURCES										
5 REGULATED HYDRO	519	519	519	519	519	519	519	519	519	519
6 INDEPENDENT HYDRO	273	273	273	273	273	273	273	273	273	273
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	792	792	792	792	792	792	792	792	792	792
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	27	27	27	27	27	27	27	27	18	12
20 LARGE THERMAL	820	837	842	846	837	837	823	850	831	849
21 NON-UTILITY GENERATION	95	98	98	98	98	98	98	98	98	98
22 TOTAL RESOURCES	1734	1754	1759	1763	1754	1754	1740	1767	1739	1751
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	1734	1754	1759	1763	1754	1754	1740	1767	1739	1751
27 SURPLUS/DEFICIT	-7	28	4	-14	-1	-18	-54	-43	-44	-37
28 DEDICATED RESOURCES	1359	1379	1382	1393	1425	1435	1420	1451	1461	1499
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-7	28	4	-14	-1	-18	-54	-43	-44	-37
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-7	28	4	-14	-1	-18	-54	-43	-44	-37

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	341	334	335	336	336	335	335	336	336	338
2 EXPORTS	91	91	91	91	91	91	91	91	91	91
3 CONTRACTS OUT	169	112	112	112	112	110	83	83	83	83
4 TOTAL LOADS	601	537	538	539	539	536	509	510	510	512
RESOURCES										
5 REGULATED HYDRO	55	61	61	61	62	61	56	57	57	57
6 INDEPENDENT HYDRO	46	53	52	53	53	53	48	48	48	49
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6	6	6	6	6	6	6	6	6	6
12 TOTAL HYDRO	107	120	119	120	121	120	110	111	111	112
13 SMALL THERMAL & MISC	40	46	47	47	47	46	43	43	43	43
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	116	12	12	12	12	12	12	12	12	12
20 LARGE THERMAL	327	346	346	346	346	344	333	333	333	333
21 NON-UTILITY GENERATION	30	33	33	33	33	33	30	30	31	31
22 TOTAL RESOURCES	621	557	557	559	560	556	528	529	530	532
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	621	557	557	558	559	556	528	529	530	532
27 SURPLUS/DEFICIT	19	20	19	20	21	20	19	19	20	20
28 DEDICATED RESOURCES	350	280	280	281	282	282	284	285	286	288
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	19	20	19	20	21	20	19	19	20	20
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	19	20	19	20	21	20	19	19	20	20

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	2368	2398	2427	2457	2509	2550	2591	2639	2699	2739
2 EXPORTS	376	365	366	367	368	369	371	372	373	334
3 CONTRACTS OUT	143	208	208	208	208	208	208	206	95	65
4 TOTAL LOADS	2887	2971	3001	3032	3085	3127	3170	3217	3167	3138
RESOURCES										
5 REGULATED HYDRO	361	361	361	361	361	361	361	361	361	361
6 INDEPENDENT HYDRO	187	187	187	187	187	187	187	187	187	187
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-5	-5	-5	-4	-4	-3	-3	-2	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-4	-8	-9	-8	-10	-14	-14
11 RESTORATION	30	30	30	30	30	30	30	30	30	30
12 TOTAL HYDRO	573	573	573	570	566	566	567	566	564	564
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	26	25	24	18	10	10	9	6	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	898	880	869	799	801	801	719	742	732	658
19 CONTRACTS IN	217	196	180	173	173	173	173	173	173	173
20 LARGE THERMAL	716	716	723	721	722	723	716	697	725	720
21 NON-UTILITY GENERATION	55	55	55	55	55	55	55	55	55	55
22 TOTAL RESOURCES	2485	2445	2424	2336	2327	2328	2239	2239	2249	2170
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
26 NET RESOURCES	2482	2443	2421	2333	2324	2325	2236	2236	2246	2167
27 SURPLUS/DEFICIT	-404	-528	-579	-698	-760	-801	-933	-980	-921	-971
28 DEDICATED RESOURCES	2330	2311	2306	2225	2216	2217	2128	2128	2138	2059
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-404	-528	-579	-698	-760	-801	-933	-980	-921	-971
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-404	-528	-579	-698	-760	-801	-933	-980	-921	-971

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	2081	2097	2112	2129	2146	2163	2181	2205	2232	2263
2 EXPORTS	182	182	182	182	182	182	182	182	182	182
3 CONTRACTS OUT	60	60	71	71	71	71	71	71	71	71
4 TOTAL LOADS	2323	2339	2365	2382	2399	2416	2434	2458	2485	2516
RESOURCES										
5 REGULATED HYDRO	489	489	489	489	489	489	489	489	489	489
6 INDEPENDENT HYDRO	24	24	24	24	24	24	24	24	24	24
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-8	-8	-8	-6	-4	-4	-4	-3	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-6	-12	-12	-12	-16	-22	-22
11 RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
12 TOTAL HYDRO	501	501	501	497	493	493	493	490	487	487
13 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1
14 COMBUSTION TURBINES	441	441	441	441	441	441	441	441	441	441
15 CSPE PURCHASE	46	44	41	31	18	17	17	11	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	194	205	205	205	205	205	205	205	205	205
18 IMPORTS	35	35	35	35	35	35	35	35	35	35
19 CONTRACTS IN	118	56	67	67	67	67	67	67	67	67
20 LARGE THERMAL	532	532	532	532	532	532	532	531	532	532
21 NON-UTILITY GENERATION	20	20	20	20	20	20	20	20	20	20
22 TOTAL RESOURCES	1888	1835	1843	1829	1812	1811	1811	1801	1788	1788
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
26 NET RESOURCES	1887	1833	1841	1827	1810	1809	1809	1799	1786	1786
27 SURPLUS/DEFICIT	-436	-506	-524	-555	-589	-607	-625	-659	-699	-730
28 DEDICATED RESOURCES	868	877	874	860	843	842	842	832	819	819
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-436	-506	-524	-555	-589	-607	-625	-659	-699	-730
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-436	-506	-524	-555	-589	-607	-625	-659	-699	-730

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	2494	2559	2627	2688	2736	2781	2825	2864	2898	2942
2 EXPORTS	47	47	46	47	47	47	47	47	47	47
3 CONTRACTS OUT	62	86	32	32	32	32	83	83	83	83
4 TOTAL LOADS	2603	2692	2705	2767	2815	2860	2955	2994	3028	3072
RESOURCES										
5 REGULATED HYDRO	794	790	785	780	774	761	749	736	724	713
6 INDEPENDENT HYDRO	49	49	49	49	49	49	49	49	49	49
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-16	-16	-14	-12	-7	-7	-6	-4	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	-2	-10	-23	-23	-23	-26	-39	-39
11 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
12 TOTAL HYDRO	817	813	808	797	783	770	759	745	724	713
13 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2
14 COMBUSTION TURBINES	49	49	50	50	50	50	50	50	50	50
15 CSPE PURCHASE	46	44	41	31	18	17	17	11	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	49	49	49	49	49	49	49	49	49	49
19 CONTRACTS IN	447	383	383	383	383	369	314	287	186	156
20 LARGE THERMAL	650	650	652	651	651	651	650	648	652	651
21 NON-UTILITY GENERATION	622	621	621	614	614	614	614	614	613	613
22 TOTAL RESOURCES	2682	2611	2606	2577	2550	2522	2455	2406	2276	2234
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
26 NET RESOURCES	2679	2608	2603	2574	2547	2519	2452	2403	2273	2231
27 SURPLUS/DEFICIT	76	-84	-103	-194	-269	-341	-503	-591	-755	-841
28 DEDICATED RESOURCES	1347	1276	1271	1249	1222	1208	1196	1174	1146	1134
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	76	-84	-103	-194	-269	-341	-503	-591	-755	-841
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	76	-84	-103	-194	-269	-341	-503	-591	-755	-841

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	367	368	370	372	376	379	384	390	398	402
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	367	368	370	372	376	379	384	390	398	402
RESOURCES										
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	367	368	370	372	376	379	384	390	398	402
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	367	368	370	372	376	379	384	390	398	402
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	367	368	370	372	376	379	384	390	398	402
27 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0
28 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	899	902	901	902	905	906	906	907	908	911
2 EXPORTS	25	25	24	24	24	25	24	25	25	25
3 CONTRACTS OUT	152	129	118	107	107	95	70	43	32	32
4 TOTAL LOADS	1076	1056	1043	1033	1036	1026	1000	975	965	968
RESOURCES										
5 REGULATED HYDRO	443	443	443	443	443	443	443	443	443	443
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-3	-3	-2	-1	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-1	-4	-4	-4	-5	-6	-5
11 RESTORATION	8	8	8	8	8	8	8	8	8	8
12 TOTAL HYDRO	449	449	450	450	448	448	448	447	446	447
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54
15 CSPE PURCHASE	13	13	12	9	5	5	5	3	0	0
16 RENEWABLES	34	34	34	34	34	34	34	34	34	34
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	25	25	25	25	25	25	25	25	25	25
19 CONTRACTS IN	89	27	32	32	32	32	32	32	32	32
20 LARGE THERMAL	374	374	376	376	377	376	374	367	375	376
21 NON-UTILITY GENERATION	66	66	66	66	66	66	36	11	11	6
22 TOTAL RESOURCES	1104	1042	1049	1046	1041	1040	1008	973	977	974
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
26 NET RESOURCES	1102	1041	1048	1045	1040	1039	1007	972	976	973
27 SURPLUS/DEFICIT	26	-15	6	12	4	14	8	-2	11	5
28 DEDICATED RESOURCES	702	703	705	701	696	696	694	684	689	689
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	26	-15	6	12	4	14	8	-2	11	5
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	26	-15	6	12	4	14	8	-2	11	5

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	156	163	170	176	180	184	187	190	194	197
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	2	2	2	2	2	2	2	2	2	2
4 TOTAL LOADS	158	165	172	178	182	186	189	192	196	199
RESOURCES										
5 REGULATED HYDRO	221	225	230	235	241	254	266	278	290	301
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-4	-4	-4	-3	-1	-1	-1	-1	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-2	-5	-5	-5	-7	-10	-10
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	217	221	226	230	235	248	260	270	280	291
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	3	3	2	2	1	1	1	1	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	4	4	4	4	4	4	4	4	4	4
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	224	228	232	236	240	253	265	275	284	295
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	224	228	232	236	240	253	265	275	284	295
27 SURPLUS/DEFICIT	66	63	60	58	58	67	76	83	88	96
28 DEDICATED RESOURCES	211	216	220	223	227	240	252	262	272	283
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	66	63	60	58	58	67	76	83	88	96
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	66	63	60	58	58	67	76	83	88	96
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	66	63	60	58	58	67	76	83	88	96

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	556	568	581	588	594	599	601	604	607	611
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	556	568	581	588	594	599	601	604	607	611
RESOURCES										
5 REGULATED HYDRO	40	40	40	40	40	40	40	40	40	40
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	-1	-1	-1
11 RESTORATION	3	3	3	3	3	3	3	3	3	3
12 TOTAL HYDRO	42	43	43	43	43	43	43	42	42	42
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	7	6	6	5	3	3	2	1	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	49	49	49	48	46	46	45	43	42	42
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	49	49	49	48	46	46	45	43	42	42
27 SURPLUS/DEFICIT	-507	-519	-532	-540	-548	-553	-556	-561	-565	-569
28 DEDICATED RESOURCES	49	49	49	48	46	46	45	43	42	42
29 BPA PWR SLE CNTRCT PURCH	507	519	532	540	548	553	556	561	565	569
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	83	91	100	105	111	115	120	125	129	134
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	1	1	1	1	1	1	1	1	1	1
4 TOTAL LOADS	84	92	101	106	112	116	121	126	130	135
RESOURCES										
5 REGULATED HYDRO	100	100	100	100	100	100	100	100	100	100
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-4	-3	-4	-2	-1	-1	-1	-1	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-2	-6	-5	-5	-7	-9	-9
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	96	97	96	96	93	94	94	92	91	91
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	1	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	97	97	96	96	93	94	94	92	91	91
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	97	97	96	96	93	94	94	92	91	91
27 SURPLUS/DEFICIT	13	5	-5	-10	-19	-22	-27	-34	-39	-44
28 DEDICATED RESOURCES	96	96	95	95	92	93	93	91	90	90
29 BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	13	5	-5	-10	-19	-22	-27	-34	-39	-44
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	13	5	-5	-10	-19	-22	-27	-34	-39	-44
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	13	5	-5	-10	-19	-22	-27	-34	-39	-44

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	291	298	304	309	313	317	321	325	329	333
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	291	298	304	309	313	317	321	325	329	333
RESOURCES										
5 REGULATED HYDRO	38	38	38	38	38	38	38	38	38	38
6 INDEPENDENT HYDRO	14	14	14	14	14	14	14	14	14	14
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-1	-1
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	52	52	52	52	52	52	52	52	51	51
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	14	14	13	10	6	5	5	3	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	14	14	14	14	14	14	14	14	14	14
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	9	34	61	68	68	68	68	68	68	68
22 TOTAL RESOURCES	89	114	140	144	140	139	139	137	133	133
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
26 NET RESOURCES	88	113	139	143	139	138	138	136	132	132
27 SURPLUS/DEFICIT	-204	-186	-166	-167	-175	-180	-184	-190	-198	-202
28 DEDICATED RESOURCES	72	97	123	127	123	122	122	120	116	116
29 BPA PWR SLE CNTRCT PURCH	221	203	183	184	192	197	201	207	215	219
30 SURPLUS/DEFICIT W/PURCHASE	17	17	17	17	17	17	17	17	17	17
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	17	17	17	17	17	17	17	17	17	17
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	17	17	17	17	17	17	17	17	17	17

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	360	371	379	387	396	402	408	413	420	426
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	10	10	10	10	10	10	10	10	10	10
4 TOTAL LOADS	370	381	389	397	406	412	418	423	430	436
RESOURCES										
5 REGULATED HYDRO	324	324	324	324	324	324	324	324	324	324
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-6	-6	-6	-5	-3	-3	-3	-2	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	-2	-5	-10	-10	-10	-13	-18	-18
11 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
12 TOTAL HYDRO	315	315	313	311	308	308	308	306	303	303
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	1	1	1	1	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	7	7	7	7	7	7	7	7	7	7
22 TOTAL RESOURCES	323	323	321	319	315	315	315	313	310	310
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURSES	323	323	321	319	315	315	315	313	310	310
27 SURPLUS/DEFICIT	-47	-58	-68	-78	-91	-97	-103	-110	-120	-126
28 DEDICATED RESOURCES	274	274	272	270	266	266	266	264	261	261
28A BPA PWR SLE CN PURCH(METR)	7	8	9	10	11	12	13	14	16	17
28B BPA PWR SLE CN PUR(COMPTE)	79	89	98	107	119	124	129	135	143	148
30 SURPLUS/DEFICIT W/PURCHASE	39	39	39	39	39	39	39	39	39	39
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	39	39	39	39	39	39	39	39	39	39
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	39	39	39	39	39	39	39	39	39	39

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1A SYSTEM LOADS PF PURCHASE	42	42	43	43	43	44	44	45	45	46
1B PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	12	12	12	12	12	9	9	9	9	9
4 TOTAL LOADS 1/	116	116	117	117	117	115	115	116	116	117
RESOURCES										
5 REGULATED HYDRO	51	51	51	51	51	51	51	51	51	51
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	51	51	51	51	51	51	51	51	51	51
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	36	31	31	27	27	31	31	31	31	31
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	87	82	82	78	78	82	82	82	82	82
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	87	82	82	78	78	82	82	82	82	82
27 SURPLUS/DEFICIT	-29	-34	-35	-39	-39	-33	-33	-34	-34	-35
28 DEDICATED RESOURCES 2/	5	5	5	5	5	11	11	11	11	11
29 BPA PWR SLE CNTRCT PURCH	38	38	39	39	39	33	33	34	34	35
30 SURPLUS/DEFICIT W/PURCHASE	9	3	3	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	9	3	3	0	0	0	0	0	0	0
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	9	3	3	0	0	0	0	0	0	0

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD DEFERRAL

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	1063	1065	1068	1072	1075	1078	1080	1084	1091	1097
2 EXPORTS	25	25	25	24	25	24	25	24	19	10
3 CONTRACTS OUT	46	46	46	46	46	49	49	49	41	31
4 TOTAL LOADS	1134	1136	1139	1142	1146	1151	1154	1157	1151	1138
RESOURCES										
5 REGULATED HYDRO	642	642	642	642	641	642	642	642	642	642
6 INDEPENDENT HYDRO	15	15	15	15	15	15	15	15	15	15
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	-1	-1	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-1	-1	-1	-1	-1	-2	-2
11 RESTORATION	2	2	2	2	2	2	2	2	2	2
12 TOTAL HYDRO	658	658	658	658	657	658	658	658	657	657
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	33	31	30	22	13	12	12	8	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	63	63	63	63	63	63	63	63	57	48
19 CONTRACTS IN	31	31	31	31	31	28	28	28	13	9
20 LARGE THERMAL	100	100	101	101	101	101	100	97	101	101
21 NON-UTILITY GENERATION	65	65	65	65	65	65	65	65	65	65
22 TOTAL RESOURCES	950	948	948	940	930	927	926	919	893	880
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
26 NET RESOURCES	949	947	947	939	929	926	925	918	892	879
27 SURPLUS/DEFICIT	-185	-189	-192	-203	-217	-226	-230	-240	-259	-259
28 DEDICATED RESOURCES	876	874	874	866	856	850	849	842	837	837
29 BPA PWR SLE CNTRCT PURCH	188	192	195	207	220	229	232	243	255	261
30 SURPLUS/DEFICIT W/PURCHASE	2	2	2	3	2	3	2	3	-4	2
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	2	2	2	3	2	3	2	3	-4	2
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	2	2	2	3	2	3	2	3	-4	2

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	675	688	704	718	736	754	770	789	808	829
2 EXPORTS	0	16	29	29	29	29	29	29	29	29
3 CONTRACTS OUT	5	5	5	5	5	5	0	0	0	0
4 TOTAL LOADS	680	709	738	752	770	788	799	818	837	858
RESOURCES										
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	41	41	41	41	41	41	41	41	41	41
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	41	41	41	41	41	41	41	41	41	41
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	4	4	4	3	1	2	1	1	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	19	31	31	31	31	31	31	31	31	31
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	99	99	100	100	100	100	99	96	100	100
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	163	175	176	175	173	174	172	169	172	172
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	163	175	176	175	173	174	172	169	172	172
27 SURPLUS/DEFICIT	-517	-534	-562	-577	-597	-614	-627	-649	-665	-686
28 DEDICATED RESOURCES	144	144	145	144	142	143	141	138	141	141
29 BPA PWR SLE CNTRCT PURCH	536	565	593	608	628	645	658	680	696	717
30 SURPLUS/DEFICIT W/PURCHASE	19	31	31	31	31	31	31	31	31	31
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	19	31	31	31	31	31	31	31	31	31
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	19	31	31	31	31	31	31	31	31	31

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	643	648	653	657	660	663	664	668	672	676
2 EXPORTS	40	41	40	41	40	41	41	41	40	21
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	0
4 TOTAL LOADS	687	693	697	702	704	708	709	713	716	697
RESOURCES										
5 REGULATED HYDRO	271	271	271	271	271	271	271	271	271	271
6 INDEPENDENT HYDRO	5	5	5	5	5	5	5	5	5	5
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	-1	-1	-1	-1	-1	-2	-2
11 RESTORATION	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	275	275	275	274	275	275	275	275	274	274
13 SMALL THERMAL & MISC	20	20	20	20	20	20	20	20	20	20
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	33	31	29	22	13	12	12	8	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	4	4	4	4	4	4	4	4	4	0
20 LARGE THERMAL	100	100	101	101	101	101	100	97	101	101
21 NON-UTILITY GENERATION	25	25	25	25	25	25	25	25	25	25
22 TOTAL RESOURCES	457	455	454	446	438	437	436	429	424	420
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	457	455	454	446	438	437	436	429	424	420
27 SURPLUS/DEFICIT	-230	-238	-243	-256	-266	-271	-273	-284	-292	-277
28 DEDICATED RESOURCES	392	392	393	391	388	387	386	379	374	374
29 BPA PWR SLE CNTRCT PURCH	251	256	260	266	272	276	278	289	298	302
30 SURPLUS/DEFICIT W/PURCHASE	20	17	16	10	6	5	5	5	6	25
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	20	17	16	10	6	5	5	5	6	25
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	20	17	16	10	6	5	5	5	6	25

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS											
1	ADJUSTED SYSTEM LOADS	3399	3443	3492	3536	3581	3625	3663	3704	3753	3802
2	EXPORTS	4	4	4	4	4	4	4	4	5	4
3	CONTRACTS OUT	4	10	11	11	11	11	10	10	10	10
4	TOTAL LOADS	3407	3457	3507	3551	3596	3640	3677	3718	3768	3816
RESOURCES											
5	REGULATED HYDRO	47	47	47	47	47	47	47	47	47	47
6	INDEPENDENT HYDRO	35	41	42	42	42	42	42	42	42	42
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	-1	-2	-2	-2	-2	-3	-3
11	RESTORATION	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	81	87	88	87	86	86	86	87	86	86
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	185	202	202	202	202	202	202	202
15	CSPE PURCHASE	36	35	33	24	14	14	13	9	0	0
16	RENEWABLES	3	3	3	4	4	4	4	4	4	4
17	COGENERATION	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	9	9	9	8	0	0	0	0	0	0
20	LARGE THERMAL	50	50	51	50	51	51	50	48	51	50
21	NON-UTILITY GENERATION	12	16	16	39	44	44	44	44	44	44
22	TOTAL RESOURCES	191	200	385	414	401	401	399	394	387	386
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	191	200	385	414	401	401	399	394	387	386
27	SURPLUS/DEFICIT	-3217	-3257	-3123	-3137	-3195	-3238	-3278	-3324	-3381	-3430
28	DEDICATED RESOURCES	184	186	370	400	387	387	385	380	372	372
29	BPA PWR SLE CNTRCT PURCH	3215	3257	3122	3136	3194	3238	3278	3324	3381	3430
30	SURPLUS/DEFICIT W/PURCHASE	-2	0	-1	-1	-1	-1	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-2	0	-1	-1	-1	-1	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-2	0	-1	-1	-1	-1	0	0	0	0

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	3931	3996	4064	4117	4170	4218	4257	4305	4357	4411
2 EXPORTS	65	82	94	94	94	94	95	94	88	60
3 CONTRACTS OUT	80	80	80	80	80	80	75	75	67	53
4 TOTAL LOADS	4076	4158	4238	4291	4344	4392	4427	4474	4512	4524
RESOURCES										
5 REGULATED HYDRO	1687	1691	1696	1701	1706	1720	1732	1744	1756	1767
6 INDEPENDENT HYDRO	75	75	75	75	75	75	75	75	75	75
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-17	-15	-16	-11	-5	-5	-5	-4	0	0
10 CAN. ENT. RETURN CANADA)	0	0	-2	-11	-23	-22	-22	-30	-43	-43
11 RESTORATION	2	2	2	2	2	2	2	2	2	2
12 TOTAL HYDRO	1747	1753	1755	1756	1755	1770	1782	1787	1790	1801
13 SMALL THERMAL & MISC	20	20	20	20	20	20	20	20	20	20
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	96	90	85	65	37	35	33	22	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	33	45	45	45	45	45	45	45	45	45
18 IMPORTS	63	63	63	63	63	63	63	63	57	48
19 CONTRACTS IN	76	70	70	67	67	67	67	67	53	44
20 LARGE THERMAL	299	299	302	302	302	302	299	290	302	302
21 NON-UTILITY GENERATION	106	131	158	165	165	165	165	165	165	165
22 TOTAL RESOURCES	2440	2471	2498	2483	2454	2467	2474	2459	2432	2425
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
26 NET RESOURCES	2437	2468	2495	2480	2451	2465	2472	2457	2429	2423
27 SURPLUS/DEFICIT	-1639	-1689	-1742	-1811	-1893	-1927	-1956	-2018	-2083	-2101
28 DEDICATED RESOURCES	2120	2148	2176	2169	2145	2158	2165	2150	2144	2155
29 BPA PWR SLE CNTRCT PURCH	1825	1868	1907	1960	2028	2068	2100	2163	2222	2268
30 SURPLUS/DEFICIT W/PURCHASE	186	179	165	149	135	141	144	145	139	166
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	186	179	165	149	135	141	144	145	139	166
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	186	179	165	149	135	141	144	145	139	166

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SECTION IV - MISCELLANEOUS

Annual Energy Analysis

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TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	180	180	180	180	180	180	180	180	180	180
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	180	180	180	180	180	180	180	180	180	180
RESOURCES										
5 REGULATED HYDRO	136	136	136	136	136	136	136	136	136	136
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-5	-5	-4	-3	-2	-2	-2	-1	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	-1	-3	-6	-6	-6	-8	-11	-11
11 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12 TOTAL HYDRO	129	129	129	128	126	126	126	125	123	123
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	23	23	23	23	23	23	23	21	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	152	152	152	151	149	149	149	146	123	123
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	152	152	152	151	149	149	149	146	123	123
27 SURPLUS/DEFICIT	-28	-28	-28	-29	-31	-31	-31	-34	-57	-57

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LOADS										
1 SYSTEM LOADS	975	955	958	960	960	959	959	960	962	966
2 EXPORTS	91	91	91	91	91	91	91	91	91	91
3 CONTRACTS OUT	169	112	112	112	112	110	83	83	83	83
4 TOTAL LOADS	1236	1158	1161	1163	1163	1159	1133	1134	1136	1140
RESOURCES										
5 REGULATED HYDRO	171	171	171	171	171	171	171	171	171	171
6 INDEPENDENT HYDRO	145	145	145	145	145	145	145	145	145	145
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6	6	6	6	6	6	6	6	6	6
12 TOTAL HYDRO	322	322	322	322	322	322	322	322	322	322
13 SMALL THERMAL & MISC	125	125	128	128	128	128	128	128	128	128
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	116	12	12	12	12	12	12	12	12	12
20 LARGE THERMAL	531	531	531	531	531	531	531	531	531	531
21 NON-UTILITY GENERATION	91	91	91	91	91	91	91	91	91	91
22 TOTAL RESOURCES	1185	1081	1084	1084	1084	1084	1084	1084	1084	1084
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	1185	1081	1084	1084	1084	1084	1084	1084	1084	1084
27 SURPLUS/DEFICIT	-51	-77	-77	-79	-79	-75	-49	-50	-52	-56

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
COGENERATION										
1 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	36	36	36	36	36	15
THERMAL										
2 SDG&E SHARE OF BOARDMAN	54	54	54	54	54	54	54	54	54	54
3 TURLOCK SHARE OF BOARDMAN	39	39	39	39	39	39	39	39	39	39
4 TOTAL	129	129	129	129	129	129	129	129	129	108

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

	MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
RESOURCES AVAILABLE TO SERVE LOAD											
1	BOX CANYON	34	34	34	34	34	31	31	31	31	31
2	SEATTLE TO P.O.(BOUNDARY)	27	27	27	27	27	31	31	31	31	31
3	TOTAL RESOURCES	62	62	62	62	62	62	62	62	62	62
4	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62
5	SURPLUS	0	0	0	0	0	0	0	0	0	0

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TABLE A-1

SHEET 1 OF 2

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
FIRM LOADS										
1A FEDERAL AGENCIES	145	145	147	147	148	149	150	151	152	153
1B FEDERAL + GEN PUB LOSSES	167	166	168	170	171	174	175	177	178	180
1C USBR	67	67	67	68	67	68	68	68	68	68
1D DSI ALUMINUM FIRM	1916	1941	1941	1941	1941	1941	1941	1941	1941	1941
1E DSI NON-ALUMINUM FIRM	187	216	217	200	181	163	161	160	160	160
1F DSI FIRM LOSSES	59	61	61	60	60	59	59	59	59	59
1 BPA NON UTILITY LOADS	2541	2596	2601	2586	2568	2554	2554	2556	2558	2561
2 CHELAN COUNTY PUD #1	156	163	170	176	180	184	187	190	194	197
3 COLOCKUM TRANSMISSION CO.	180	180	180	180	180	180	180	180	180	180
4 COWLITZ COUNTY PUD #1	556	568	581	588	594	599	601	604	607	611
5 DOUGLAS COUNTY PUD #1	83	91	100	105	111	115	120	125	129	134
6 EUGENE WATER & ELEC BOARD	291	298	304	309	313	317	321	325	329	333
7 GRANT COUNTY PUD #2	360	371	379	387	396	402	408	413	420	426
8 IDAHO POWER COMPANY	1558	1586	1612	1639	1660	1687	1708	1728	1744	1770
9 MONTANA POWER CO. REGIONAL	341	334	335	336	336	335	335	336	337	338
10 PACIFIC POWER & LIGHT	2368	2398	2427	2457	2509	2550	2591	2639	2699	2739
11 PEND OREILLE COUNTY PUD #1	104	104	105	105	105	106	106	107	107	108
12 PORTLAND GENERAL ELECTRIC	2081	2097	2112	2129	2146	2163	2181	2205	2232	2263
13 PUGET SOUND POWER & LIGHT	2494	2559	2627	2688	2736	2781	2825	2864	2898	2942
14 SEATTLE CITY LIGHT	1063	1065	1068	1072	1075	1078	1080	1084	1091	1097
15 SMALL & NON GEN PUBLICS	3399	3443	3492	3536	3581	3625	3663	3704	3753	3802
16 SNOHOMISH COUNTY PUD #1	675	688	704	718	736	754	770	789	808	829
17 TACOMA PUBLIC UTILITIES	643	648	653	657	660	663	664	668	672	676
18 UTAH POWER & LIGHT	367	368	370	372	376	379	384	390	398	402
19 WASHINGTON WATER POWER	899	902	901	902	905	906	906	907	908	911
20 REGIONAL FIRM LOADS	20159	20459	20721	20942	21167	21378	21584	21814	22064	22319
REGIONAL FIRM LOADS										
21 FEDERAL SYSTEM	2541	2596	2601	2586	2568	2554	2554	2556	2558	2561
22 PUBLIC AGENCIES W/COLOCKUM	7510	7620	7736	7833	7930	8023	8101	8189	8290	8393
23 INVESTOR-OWNED UTILITIES	10109	10243	10384	10523	10668	10801	10929	11069	11216	11366
24 REGIONAL FIRM LOADS	20159	20459	20721	20942	21167	21378	21584	21814	22064	22319

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
INTERRUPTIBLE LOADS										
25 DSI ALUMINUM TOP QUARTILE	360	550	550	550	550	550	550	550	550	550
26 DSI NON-ALUM TOP QUARTILE	61	71	71	65	59	53	53	53	53	53
27 OTHER INTERRUPTIBLE (UTAH)	0	0	0	0	0	0	0	0	0	0
28 DSI TOP QUARTILE LOSSES	12	17	17	17	17	17	17	17	17	17
29 REGIONAL INTERRUPT. LOADS	433	638	638	633	626	620	620	620	620	620
REGIONAL INTERRUPTIBLE LOADS										
30 FEDERAL SYSTEM	433	638	638	633	626	620	620	620	620	620
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0
33 REGIONAL INTERRUPT. LOADS	433	638	638	633	626	620	620	620	620	620
REGIONAL TOTAL LOADS										
34 FEDERAL SYSTEM	2974	3234	3240	3219	3195	3174	3174	3176	3179	3181
35 PUBLIC AGENCIES	7510	7620	7736	7833	7930	8023	8101	8189	8290	8393
36 INVESTOR-OWNED UTILITIES	10109	10243	10384	10523	10668	10801	10929	11069	11216	11366
37 REGIONAL TOTAL LOADS	20593	21097	21360	21575	21793	21998	22205	22434	22684	22939

TABLE A-2

EXPORTS

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
EXPORTS TO EAST										
1 CITYIDFL TO UT, GEM ST HYD	4	4	4	4	4	4	4	4	5	4
2 EXPORTS TO EAST	4	4	4	4	4	4	4	4	4	4
INTRA-COMPANY TRANSFERS TO PSW										
3 PP&L TO PP&L N. CALIF.	8	9	10	11	12	13	15	16	17	18
4 INTRA-CO TRANSFERS TO PSW	9	10	10	11	12	13	15	17	17	18
EXPORTS TO PSW										
5 BPA TO ANAHEIM C/NX	1	1	0	0	0	0	0	0	0	0
6 BPA TO ANAHEIM CAP S	0	0	0	0	0	0	0	0	0	0
7 BPA TO BURBANK PWR S,C/NX	16	16	16	16	17	16	16	17	17	17
8 BPA TO GLENDALE PWR S,C/NX	8	8	8	8	8	8	8	8	8	8
9 BPA TO MSR PWR S,C/NX	50	75	75	75	75	75	75	75	75	75
10 BPA TO PASADENA PWR S,C/NX1	3	3	3	3	3	3	3	3	3	3
11 BPA TO PASADENA C/NX1	0	0	0	0	0	0	0	0	0	0
12 BPA TO RIVERSIDE C/NX	0	0	0	0	0	0	0	0	0	0
13 BPA TO RIVERSIDE CAP S	0	0	0	0	0	0	0	0	0	0
14 BPA TO RIVERSIDE DIV XCHG	4	4	5	5	5	5	5	5	4	5
15 BPA TO SDG&E PWR X,C/NX	51	20	0	0	0	0	0	0	0	0
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	134	134	134	134	134	134	134	134	134	134
18 BPA TO SCE ENV STORAGE	9	9	10	10	9	9	9	9	9	0
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	8	8	7	7	7	8	8	7	8	7
21 IPC TO SIERRA PAC PWR S1	12	11	12	12	11	0	0	0	0	0
22 IPC TO SIERRA PAC PWR S2	41	39	39	34	0	0	0	0	0	0
23 IPC TO UAMPS PWR S	44	45	47	47	47	48	49	49	21	0
24 IPC TO AZUSA,BAN,CLTN PWR S	6	6	6	6	6	6	6	6	6	6
25 IPC TO CTY OF WASH,UT PWR S	3	4	4	4	4	4	4	0	0	0
26 MPC TO LADWP PWR S	91	91	91	91	91	91	91	91	91	91
27 PP&L TO CDWR PWR S	70	70	70	70	70	70	70	70	70	30
28 PP&L TO PG&E PWR S	12	0	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	40	40	40	40	40	40	40	40	40	40
30 PP&L TO SCE PWR S	57	57	57	57	57	57	57	57	57	57
31 PP&L TO WAPA PWR S	189	189	189	189	189	189	189	189	189	189
32 PGE TO BURBANK PWR S	8	8	8	8	8	8	8	8	8	8
33 PGE TO GLENDALE PWR S	15	15	15	15	15	15	15	15	15	15
34 PGE TO SCE PWR S	60	60	60	60	60	60	60	60	60	60
35 PGE TO SCE SPX	34	34	34	34	34	34	34	34	34	34
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	47	47	46	47	47	47	47	47	47	47
38 SCL TO PG&E SPX	15	15	15	14	15	14	15	14	9	0
39 SCL TO NCPA SPX	10	10	10	10	10	10	10	10	10	10
40 SNOH TO SMUD PWR S	0	16	29	29	29	29	29	29	29	29
41 TCL TO WAPA PWR S	40	41	40	41	40	41	41	41	40	21
42 WWP TO PG&E SPX	25	25	24	24	24	25	24	25	25	25

TABLE A-2

SHEET 2 OF 2

EXPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST										
43 BOARDMAN(14.2%) TO SDG&E *	54	54	54	54	54	54	54	54	54	54
44 BOARDMAN(10.2%) TO TURLOCK*	39	39	39	39	39	39	39	39	39	39
45 LONGVIEW FIBRE TO WAPA *	36	36	36	36	36	36	36	36	36	15
46 TOTAL	129	129	129	129	130	129	129	129	129	108
47 EXPORTS TO PSW	1296	1294	1288	1284	1250	1240	1240	1237	1203	1083
EXPORTS TO CANADA										
48 BPA CAN. ENT. TO BC HYDRO	0	0	17	137	300	299	297	375	530	528
49 EXPORTS TO CANADA	0	0	17	137	300	299	297	375	530	528
50 TOTAL EXPORTS	1310	1308	1320	1437	1566	1557	1557	1633	1755	1634
TOTAL EXPORTS										
51 FEDERAL SYSTEM	285	278	276	396	559	558	555	634	788	777
52 PUBLIC AGENCIES	69	86	98	98	98	98	99	98	93	64
53 INVESTOR-OWNED UTILITIES	827	815	817	814	780	772	774	772	745	685
54 NON-NORTHWEST UTILITIES *	129	129	129	129	129	129	129	129	129	108
55 TOTAL EXPORTS	1310	1308	1320	1437	1566	1557	1557	1633	1755	1634

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-3

REGULATED HYDRO PROJECTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR									
		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
REGULATED HYDRO PROJECTS											
1 ALBENI FLS AFTER ENC.	FED	26	26	26	26	26	26	26	26	26	26
2 ALDER	TCL	20	20	20	20	20	20	20	20	20	20
3 BONNEVILLE	FED	477	477	477	477	477	477	477	477	477	477
4 BOUNDARY AFTER ENC.	SCL	359	359	359	359	359	359	359	359	359	359
5 BOX CANYON AFTER ENC.	PENDO	51	51	51	51	51	51	51	51	51	51
6 BROWNLEE	ID	233	233	233	233	233	233	233	233	233	233
7 CABINET GORGE	WWP	100	100	100	100	100	100	100	100	100	100
8 CARMEN-SMITH	EUG	16	16	16	16	16	16	16	16	16	16
9 CHELAN AFTER ENC.	CHLN	40	40	40	40	40	40	40	40	40	40
10 CHIEF JOSEPH AFT ENC.	FED	1156	1156	1156	1156	1156	1156	1156	1156	1156	1156
11 CUSHMAN 1	TCL	12	12	12	12	12	12	12	12	12	12
12 CUSHMAN 2	TCL	20	20	20	20	20	20	20	20	20	20
13 DIABLO	SCL	81	81	81	81	81	81	81	81	81	81
14 DWORSHAK	FED	164	164	164	164	164	164	164	164	164	164
15 FARADAY	PGE	17	17	17	17	17	17	17	17	17	17
16 GORGE	SCL	93	93	93	93	92	93	93	93	93	93
17 GRAND COULEE-LDS+TRB	FED	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875
18 HELLS CANYON	ID	189	189	189	189	189	189	189	189	189	189
19 HUNGRY HORSE	FED	98	98	98	98	98	98	98	98	98	98
20 ICE HARBOR	FED	177	177	177	177	177	177	177	177	177	177
21 JOHN DAY	FED	911	911	911	911	911	911	911	911	911	911
22 KERR REGIONAL	MPC	39	43	43	43	44	43	40	40	40	40
23 LA GRANDE	TCL	33	33	33	33	33	33	33	33	33	33
24 LIBBY	FED	205	205	205	205	205	205	205	205	205	205
25 LITTLE FALLS	WWP	18	18	18	18	18	18	18	18	18	18
26 LITTLE GOOSE	FED	213	213	213	213	213	213	213	213	213	213
27 LONG LAKE	WWP	42	42	42	42	42	42	42	42	42	42
28 LOWER BAKER	PSP&L	39	39	39	39	39	39	39	38	38	38
29 LOWER GRANITE	FED	217	217	217	217	217	217	217	217	217	217
30 LOWER MONUMENTAL	FED	218	218	218	218	218	218	218	218	218	218
31 MAYFIELD	TCL	65	65	65	65	65	65	65	65	65	65
32 MCNARY	FED	662	662	662	662	662	662	662	662	662	662
33 MERWIN	PP&L	50	50	50	50	50	50	50	50	50	50
34 MONROE STREET	WWP	10	10	10	10	10	10	10	10	10	10
35 MOSSY ROCK	TCL	83	83	83	83	83	83	83	83	83	83
36 NINE MILE	WWP	12	12	12	12	12	12	12	12	12	12
37 NORTH FORK	PGE	19	19	19	19	19	19	19	19	19	19
38 NOXON	WWP	151	151	151	151	151	151	151	151	151	151
39 OAK GROVE	PGE	25	25	25	25	25	25	25	25	25	25
40 OXBOW	ID	97	97	97	97	97	97	97	97	97	97
41 PACKWOOD	WPPSS	7	7	7	7	7	7	7	7	7	7
42 PELTON	PGE	35	35	35	35	35	35	35	35	35	35
43 PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0
44 POST FALLS	WWP	8	8	8	8	8	8	8	8	8	8
45 PRST RPDS AFTER ENC.	GRNT	467	467	467	467	467	467	467	467	467	467

TABLE A-3 (CONTINUED)

REGULATED HYDRO

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
REGULATED HYDRO PROJECTS											
46 RIVER MILL	PGE	10	10	10	10	10	10	10	10	10	10
47 ROCK ISLAND	CHLN	345	345	345	345	345	345	345	345	345	345
48 RKY REACH AFTER ENC.	CHLN	589	589	589	589	589	589	589	589	589	589
49 ROSS	SCL	72	72	72	72	72	72	72	72	72	72
50 ROUND BUTTE	PGE	85	85	85	85	85	85	85	85	85	85
51 SWIFT 1	PP&L	54	54	54	54	54	54	54	54	54	54
52 SWIFT 2	COW	20	20	20	20	20	20	20	20	20	20
53 THE DALLES	FED	723	723	723	723	723	723	723	723	723	723
54 THOMPSON FLS REGIONAL	MPC	16	18	18	18	18	18	16	17	17	17
55 TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4
56 UPPER BAKER	PSP&L	34	34	34	34	34	34	34	34	34	34
57 UPPER FALLS	WWP	8	8	8	8	8	8	8	8	8	8
58 WANAPUM AFTER ENC.	GRNT	420	420	420	420	420	420	420	420	420	420
59 WELLS AFTER ENC.	DGLS	366	366	366	366	366	366	366	366	366	366
60 WHITE	PSP&L	29	29	29	29	29	29	29	29	29	29
61 YALE	PP&L	53	53	53	53	53	53	53	53	53	53
HYDRO EFFICIENCY IMPROVEMENTS											
62 HYDRO EFFICIENCY IMP.	FED	45	45	45	45	45	45	45	45	45	45
63 REGULATED HYDRO W/ENC.		11704	11711	11711	11711	11711	11711	11706	11706	11706	11706
TOTAL REGULATED HYDRO W/ENCROACHMENTS											
64 FEDERAL SYSTEM		7174	7174	7174	7174	7174	7174	7174	7174	7174	7174
65 PUBLIC AGENCIES		1870	1874	1879	1884	1889	1903	1915	1927	1939	1950
66 INVESTOR-OWNED UTILITIES		2660	2663	2658	2653	2648	2634	2617	2605	2593	2582
67 TOTAL REGULATED HYDRO W/ENC		11704	11711	11711	11711	11711	11711	11706	11706	11706	11706
HYDRO INDEPENDENTS (FROM TABLE A-4)											
68 FEDERAL SYSTEM		297	297	298	298	298	298	298	298	298	298
69 PUBLIC AGENCIES		110	116	117	117	117	117	117	117	117	117
70 INVESTOR-OWNED UTILITIES		579	586	585	586	586	586	581	581	581	582
71 TOTAL HYDRO INDEPENDENTS		986	999	1000	1001	1001	1001	996	996	996	997
TOTAL REGIONAL HYDRO											
72 FEDERAL SYSTEM		7471	7471	7472	7472	7472	7472	7472	7472	7472	7472
73 PUBLIC AGENCIES		1980	1990	1996	2001	2006	2020	2032	2044	2056	2067
74 INVESTOR-OWNED UTILITIES		3239	3249	3243	3239	3234	3220	3198	3186	3174	3164
75 TOTAL REGIONAL HYDRO		12690	12710	12711	12712	12712	12712	12702	12702	12702	12703

TABLE A-4

HYDRO INDEPENDENTS

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	AMERICAN FALLS	ID	32	32	32	32	32	32	32	32	32	32
2	ANDERSON RANCH	FED	11	11	11	11	11	11	11	11	11	11
3	BIG CLIFF	FED	10	10	11	11	11	11	11	11	11	11
4	BIG CREEK	FED	0	0	0	0	0	0	0	0	0	0
5	BLACK CANYON	FED	7	7	7	7	7	7	7	7	7	7
6	BLACK EAGLE REGIONAL	MPC	4	5	5	5	5	5	5	5	5	5
7	BLISS	ID	45	45	45	45	45	45	45	45	45	45
8	BULL RUN	PGE	10	10	10	10	10	10	10	10	10	10
9	C.J.STRIKE	ID	55	55	55	55	55	55	55	55	55	55
10	CALISPEL CREEK	PENDO	0	0	0	0	0	0	0	0	0	0
11	CASCADE	ID	4	4	4	4	4	4	4	4	4	4
12	CEDAR FALLS, NEWHALEM	SCL	9	9	9	9	9	9	9	9	9	9
13	CHANDLER	FED	7	7	7	7	7	7	7	7	7	7
14	COCHRANE REGIONAL	MPC	7	8	8	8	8	8	7	7	7	7
15	CNDT,SM PLNTS,BIG FRK	PP&L	26	26	26	26	26	26	26	26	26	26
16	COUGAR	FED	12	12	12	12	12	12	12	12	12	12
17	COWLITZ FALLS	FED	22	22	22	22	22	22	22	22	22	22
18	DETROIT	FED	34	34	34	34	34	34	34	34	34	34
19	DEXTER	FED	8	8	8	8	8	8	8	8	8	8
21	FELT	PP&L	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	10	10	10	10	10	10	10	10	10	10
23	GEM STATE HYDRO	CIDFL	14	14	14	14	14	14	14	14	14	14
24	GREEN PETER	FED	22	22	22	22	22	22	22	22	22	22
25	GREEN SPRINGS - USBR	PP&L	7	7	7	7	7	7	7	7	7	7
26	HAUSER REGIONAL	MPC	4	4	4	4	4	4	4	4	4	4
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	14	14	14	14	14	14	14	14	14	14
29	HOLTER REGIONAL	MPC	8	9	9	9	9	9	8	8	8	8
30	HOOD STREET	TCL	1	1	1	1	1	1	1	1	1	1
31	IDAHO FALLS	FED	18	18	18	18	18	18	18	18	18	18
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	41	41	41	41	41	41	41	41	41	41
34	KLAMATH	PP&L	22	22	22	22	22	22	22	22	22	22
35	LEABURG	EUG	9	9	9	9	9	9	9	9	9	9
36	LOOKOUT POINT	FED	24	24	24	24	24	24	24	24	24	24
37	LOST CREEK	FED	23	23	23	23	23	23	23	23	23	23
38	LOWER SALMON	ID	29	29	29	29	29	29	29	29	29	29
39	MADISON REGIONAL	MPC	2	3	2	3	3	3	2	2	2	2
40	MCNARY FISHWAY	NWSCO	0	6	7	7	7	7	7	7	7	7
41	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1
42	MILL CREEK	LEWIS	0	0	0	0	0	0	0	0	0	0
43	MLTWN FLT CR REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0
44	MILNER	ID	7	7	7	7	7	7	7	7	7	7
45	MINIDOKA	FED	9	9	9	9	9	9	9	9	9	9
46	MORONY REGIONAL	MPC	8	9	9	9	9	9	8	8	8	9
47	MORSE CREEK	PT ANGLS	0	0	0	0	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	2	2	2	2	2	2	2	2	2	2
50	NORTH UMPQUA	PP&L	97	97	97	97	97	97	97	97	97	97
51	PALISADES	FED	61	61	61	61	61	61	61	61	61	61
52	RAINBOW REGIONAL	MPC	9	11	11	11	11	11	10	10	10	10
53	REEDER GULCH	ASHLD	0	0	0	0	0	0	0	0	0	0
54	ROGUE	PP&L	34	34	34	34	34	34	34	34	34	34
55	ROZA - PUMPING LOAD	FED	4	4	4	4	4	4	4	4	4	4
56	RYAN REGIONAL	MPC	2	2	2	2	2	2	2	2	2	2
57	SHOSHONE FALLS	ID	10	10	10	10	10	10	10	10	10	10
58	SNOQUALMIE,ELCT & NK	PSP&L	49	49	49	49	49	49	49	49	49	49
59	SODA CREEK	SODA SPR	0	0	0	0	0	0	0	0	0	0
60	SOUTH FORK TOLT	SCL	6	6	6	6	6	6	6	6	6	6
61	SPRINGS PLANTS	ID	29	29	29	29	29	29	29	29	29	29
62	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2
63	SWAN FALLS	ID	17	17	17	17	17	17	17	17	17	17
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14
65	THE DALLES FISHWAY	NWSCO	3	3	3	3	3	3	3	3	3	3
66	TWIN FALLS	ID	11	11	11	11	11	11	11	11	11	11
67	UPPER SALMON 1&2	ID	18	18	18	18	18	18	18	18	18	18
68	UPPER SALMON 3&4	ID	16	16	16	16	16	16	16	16	16	16
69	WATERVILLE	EUG	5	5	5	5	5	5	5	5	5	5
70	WYNOCHEE	TCL	4	4	4	4	4	4	4	4	4	4
69	YELM	CNTRA	9	9	9	9	9	9	9	9	9	9
70	TOTAL HYDRO INDEPENDENTS		986	999	1000	1001	1001	1001	996	996	996	997

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM	297	297	298	298	298	298	298	298	298	298
73	PUBLIC AGENCIES	110	116	117	117	117	117	117	117	117	117
74	INVESTOR-OWNED UTILITIES	579	586	585	586	586	586	581	581	581	582
75	TOTAL HYDRO INDEPENDENTS	986	999	1000	1001	1001	1001	996	996	996	997

TABLE A-5

SHEET 1 OF 2

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
IMPORTS FROM EAST											
1 BASIN ELEC. TO BPA	PWR S	85	61	60	38	0	0	0	0	0	0
2 PP&L TO BPA	SO ID	94	94	94	94	94	94	94	94	94	94
INTRA-COMPANY TRANSFERS											
3 PP&L WYOMING TO PP&L		898	880	869	799	801	801	719	742	732	658
4 UTAH		367	368	370	372	376	379	384	390	398	402
5 IMPORTS FROM EAST		1444	1403	1393	1303	1271	1274	1197	1226	1224	1154
IMPORTS FROM PSW											
6 ANAHEIM TO BPA	XCHG NRG	3	3	3	3	3	3	3	3	3	3
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	2	2	2	2	2	2	2	2	2	2
13 PASADENA TO BPA	SEAS RPLC	1	0	0	1	1	1	1	1	1	1
14 RIVERSIDE TO BPA	XCH NRG 1	3	3	3	3	3	3	3	3	3	3
15 RIVERSIDE TO BPA	XCH NRG 2	1	6	6	7	7	7	7	7	7	7
16 RIVERSIDE TO BPA	SEAS RPLC	0	4	4	4	4	4	4	4	4	4
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	22	24	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	51	51	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	9	9	9	9	9	9	9	9	9	9
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	35	35	35	35	35	35	35	35	35	35
25 PG&E TO PSP&L	SPX	47	47	47	47	47	47	47	47	47	47
26 PG&E TO SCL	SPX	15	15	15	15	15	15	15	15	9	0
27 NCPA TO SCL	SPX	12	12	12	12	12	12	12	12	12	12
28 PG&E TO WWP	SPX	25	25	25	25	25	25	25	25	25	25
29 IMPORTS FROM PSW		226	236	161	163	163	163	163	163	157	148
IMPORTS FROM CANADA											
30 BC HYDRO TO PSP&L	PWR S	2	2	2	2	2	2	2	2	2	2
31 BC HYDRO TO SCL	ROSS	36	36	36	36	36	36	36	36	36	36
32 BC HYDRO TO BPA	PGE ICP	25	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		63	38	38	37	37	38	37	37	38	38
35 TOTAL IMPORTS		1733	1677	1592	1503	1471	1475	1397	1426	1419	1340

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
TOTAL IMPORTS										
36 FEDERAL SYSTEM	297	257	182	161	123	123	123	123	123	123
37 PUBLIC AGENCIES	63	63	63	63	63	63	63	63	57	48
38 INVESTOR-OWNED UTILITIES	1373	1357	1347	1279	1285	1289	1211	1240	1239	1169
39 TOTAL IMPORTS	1733	1677	1592	1503	1471	1475	1397	1426	1419	1340

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS			OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	20	20	20	20	20	20	20	20	20	20
3	SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	2	2	2	2	2	2	2	2	2	2
7	BIRD	REGIONAL MPC	0	0	1	1	1	1	1	1	1	1
8	CORETTE	REGIONAL MPC	40	46	46	46	46	45	42	42	42	42
9	SEATTLE BOUNDRY	SCL	0	0	0	0	0	0	0	0	0	0
10	TOTAL SMALL THERMAL & MISC.		63	69	70	70	70	69	66	66	66	66
TOTAL SMALL THERMAL & MISC.												
11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		20	20	20	20	20	20	20	20	20	20
13	INVESTOR-OWNED UTILITIES		43	49	50	50	50	49	46	46	46	46
14	TOTAL SMALL THERMAL & MISC.		63	69	70	70	70	69	66	66	66	66

TABLE A-7

COMBUSTION TURBINES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

	MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	COGENTRIX	CLRK	0	0	185	202	202	202	202	202	202	202
2	WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0
3	BETHEL	PGE	52	52	52	52	52	52	52	52	52	52
4	BEAVER	PGE	389	389	389	389	389	389	389	389	389	389
5	WHIDBEY ISLAND	PSP&L	0	0	1	1	1	1	1	1	1	1
6	WHITEHORN	PSP&L	39	39	39	39	39	39	39	39	39	39
7	FREDRICKSON	PSP&L	4	4	4	4	4	4	4	4	4	4
8	FREDONIA UNITS 1&2	PSP&L	6	6	6	6	6	6	6	6	6	6
9	NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54
10	TOTAL COMBUSTION TURBINES		544	544	730	747	747	747	747	747	747	747
TOTAL COMBUSTION TURBINES												
11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		0	0	185	202	202	202	202	202	202	202
13	INVESTOR-OWNED UTILITIES		544	544	545	545	545	545	545	545	545	545
14	TOTAL COMBUSTION TURBINES		544	544	730	747	747	747	747	747	747	747

TABLE A-8

RENEWABLE RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 SHORT MOUNTAIN	EMRD	3	3	3	4	4	4	4	4	4	4
2 KETTLE FALLS	WWP	34	34	34	34	34	34	34	34	34	34
3 TOTAL RENEWABLE RESOURCES		37	37	37	38	38	38	38	38	38	38
TOTAL RENEWABLE RESOURCES											
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		3	3	3	4	4	4	4	4	4	4
6 INVESTOR-OWNED UTILITIES		34	34	34	34	34	34	34	34	34	34
7 TOTAL RENEWABLE RESOURCES		37	37	37	38	38	38	38	38	38	38

TABLE A-9

COGENERATION

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 WEYCO ENERGY CENTER	EWEB	14	14	14	14	14	14	14	14	14	14
2 SCOTT PAPER	SNOH	19	31	31	31	31	31	31	31	31	31
3 COYOTE SPRINGS	PGE	194	205	205	205	205	205	205	205	205	205
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION											
4 LONGVIEW FIBRE FOR WAPA *		36	36	36	36	36	36	36	36	36	15
5 TOTAL COGENERATION		263	286	286	286	286	286	286	286	286	265
TOTAL COGENERATION											
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		33	45	45	45	45	45	45	45	45	45
8 INVESTOR-OWNED UTILITIES		194	205	205	205	205	205	205	205	205	205
9 NON-NORTHWEST UTILITIES *		36	36	36	36	36	36	36	36	36	15
10 TOTAL COGENERATION		263	286	286	286	286	286	286	286	286	265

TABLE A-10

LARGE THERMAL

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
BOARDMAN, COAL										
1 IDAHO SHARE 10.0 %	39	39	39	39	39	39	39	39	39	39
2 PGE SHARE 65.8 %	253	253	253	253	253	253	253	253	253	253
3 BOARDMAN 75.8% REGION	292	292	292	292	292	292	292	292	292	292
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES										
4 SDG&E SHARE 14.2 % *	54	54	54	54	54	54	54	54	54	54
5 TURLOCK SHARE 10.0 % *	39	39	39	39	39	39	39	39	39	39
6 BOARDMAN 24.2% NON-REGION	93	93	93	93	93	93	93	93	93	93
7 BOARDMAN	386	386	386	386	386	386	386	386	386	386
CENTRALIA, COAL										
8 PP&L SHARE 47.5 %	591	592	599	597	598	598	591	572	599	596
9 PGE SHARE 2.5 %	31	31	31	31	31	31	31	30	31	31
10 PSP&L SHARE 7.0 %	87	87	89	88	88	88	87	85	89	88
11 SEATTLE SHARE 8.0 %	100	100	101	101	101	101	100	97	101	101
12 TACOMA SHARE 8.0 %	100	100	101	101	101	101	100	97	101	101
13 WWP SHARE 15.0 %	187	187	189	188	189	189	187	180	189	188
14 SNOHOM SHARE 8.0 %	99	99	100	100	100	100	99	96	100	100
15 GHARBOR SHARE 4.0 %	50	50	51	50	51	51	50	48	51	50
16 CENTRALIA	1245	1246	1261	1256	1259	1259	1245	1205	1261	1255
COLSTRIP 1 & 2, COAL										
17 MPC SHARE IN REGION	80	91	91	91	91	90	84	84	84	84
18 PSP&L SHARE	251	251	251	251	251	251	251	251	251	251
19 COLSTRIP 1 & 2	331	342	342	342	342	341	334	334	335	335
COLSTRIP 3, COAL										
20 MPC SHARE IN REGION	60	68	68	68	68	67	62	62	62	62
21 PP&L SHARE 10 %	63	62	62	62	62	63	63	63	63	62
22 PGE SHARE 20 %	124	124	124	124	124	124	124	124	124	124
23 PSP&L SHARE 25 %	156	156	156	156	156	156	156	156	156	156
24 WWP SHARE 15 %	93	93	93	94	94	93	93	93	93	94
25 COLSTRIP 3	496	503	503	504	504	503	498	498	498	498

TABLE A-10 (CONTINUED)

LARGE THERMAL

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
COLSTRIP 4, COAL										
26 MPC SHARE 30 %	187	187	187	187	187	187	187	187	187	187
27 PP&L SHARE 10 %	62	62	62	62	62	62	62	62	63	62
28 PGE SHARE 20 %	124	124	124	124	124	124	124	124	124	124
29 PSP&L SHARE 25 %	156	156	156	156	156	156	156	156	156	156
30 WWP SHARE 15 %	94	94	94	94	94	94	94	94	93	94
31 COLSTRIP 4	623	623	623	623	623	623	623	623	623	623
JIM BRIDGER, COAL										
32 IDAHO SHARE 33%	586	602	608	613	603	603	589	616	598	615
VALMY, COAL										
33 IDAHO SHARE 50% OUTPUT	195	196	195	194	195	195	195	195	194	195
WNP 2, NUCLEAR										
34 BPA SHARE 100.0%	819	821	842	842	845	878	878	878	878	878
35 TOTAL LARGE THERMAL	4681	4719	4760	4760	4756	4788	4748	4735	4773	4785
TOTAL LARGE THERMAL										
36 FEDERAL SYSTEM	819	821	842	842	845	878	878	878	878	878
37 PUBLIC AGENCIES	349	349	353	352	353	353	349	338	353	352
38 INVESTOR-OWNED UTILITIES	3420	3454	3471	3473	3465	3464	3428	3426	3448	3462
39 NON-NORTHWEST UTILITIES *	93	93	93	93	93	93	93	93	93	93
40 TOTAL LARGE THERMAL	4681	4719	4760	4760	4756	4788	4748	4735	4773	4785

TABLE A-11

RESTORATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 FEDERAL	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4 COWLIZ COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 MONTANA POWER CO. REGIONAL	6	6	6	6	6	6	6	6	6	6
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11 PACIFIC POWER & LIGHT	30	30	30	30	30	30	30	30	30	30
12 PUGET SOUND POWER & LIGHT	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13 SEATTLE CITY LIGHT	2	2	2	2	2	2	2	2	2	2
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	8	8	8	8	8	8	8	8	8	8
16 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4
TOTAL RESTORATION										
17 FEDERAL SYSTEM	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	30	30	30	30	30	30	30	30	30	30
20 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
BPA CANADIAN ENTITLEMENT										
1 BPA CANADIAN ENTITLEMENT	208	198	186	140	79	76	73	48	0	0
PRIEST RAPIDS CANADIAN ENTITLEMENT										
2 PP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	0	0
3 PGE CER FOR PRIEST R.	1	1	1	1	1	1	1	0	0	0
4 PSP&L CER FOR PRIEST R.	1	1	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	1	1	1	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	1	1	1	1	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	2	2	2	2	1	1	1	1	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	7	7	6	5	3	3	3	2	0	0
WANAPUM CANADIAN ENTITLEMENT										
16 PP&L CER FOR WANAPUM	2	2	2	1	1	1	1	1	0	0
17 PGE CER FOR WANAPUM	2	2	2	1	1	1	1	1	0	0
18 PSP&L CER FOR WANAPUM	1	1	1	1	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	1	1	1	1	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	4	4	4	3	2	2	2	1	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	1	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	11	10	10	7	4	4	4	3	0	0
ROCK ISLAND CANADIAN ENTITLEMENT										
27 CHELAN CER FOR ROCK ISLAND	1	1	1	1	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	0	0
29 ROCK I CANADIAN ENTITLEMENT	2	2	2	2	1	1	1	1	0	0

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
ROCKY REACH CANADIAN ENTITLEMENT										
30 PP&L CER FOR ROCKY REACH	1	1	1	1	1	1	1	0	0	0
31 PGE CER FOR ROCKY REACH	2	2	2	2	1	1	1	1	0	0
32 PSP&L CER FOR ROCKY REACH	8	8	7	6	4	4	3	2	0	0
33 WWP CER FOR ROCKY REACH	1	1	1	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	1	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	3	3	3	2	1	1	1	1	0	0
36 COLOCK CER FOR ROCKY REACH	5	5	4	3	2	2	2	1	0	0
37 ROCKY REACH CANADIAN ENT	20	20	19	14	9	9	8	5	0	0
WELLS CANADIAN ENTITLEMENT										
38 PP&L CER FOR WELLS	1	1	1	1	1	0	0	0	0	0
39 PGE CER FOR WELLS	3	3	3	2	1	1	1	1	0	0
40 PSP&L CER FOR WELLS	5	5	5	4	2	2	2	1	0	0
41 WWP CER FOR WELLS	1	1	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	4	3	3	2	1	1	1	1	0	0
43 OKANOG CER FOR WELLS	1	1	1	1	1	1	1	0	0	0
44 WELLS CANADIAN ENTITLEMENT	15	14	13	10	6	5	5	3	0	0
45 TOTAL CANADIAN ENT	263	251	236	178	102	98	94	62	0	0
TOTAL CANADIAN ENTITLEMENT										
46 FEDERAL SYSTEM	208	198	186	140	79	76	73	48	0	0
47 PUBLIC AGENCIES W/COLOCKUM	23	21	21	15	8	8	8	5	0	0
48 INVESTOR-OWNED UTILITIES	32	32	29	23	15	14	13	9	0	0
49 TOTAL	263	251	236	178	102	98	94	62	0	0

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	CHELAN COUNTY PUD #1	3	3	2	2	1	1	1	1	0	0
2	CLARK PUBLIC UTILITIES	8	8	7	5	3	3	3	2	0	0
3	COWLITZ COUNTY PUD #1	7	6	6	5	3	3	2	1	0	0
4	DOUGLAS COUNTY PUD #1	1	0	0	0	0	0	0	0	0	0
5	EUGENE WATER & ELEC BOARD	14	14	13	10	6	5	5	3	0	0
6	GRANT COUNTY PUD #1	1	1	1	1	0	0	0	0	0	0
7	GRAYS HARBOR COUNTY PUD #1	4	4	4	3	2	2	1	1	0	0
8	OTHER PUBLIC AGENCIES	24	23	22	16	9	9	9	6	0	0
9	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
10	PORTLAND GENERAL ELECTRIC	46	44	41	31	18	17	17	11	0	0
11	PACIFIC POWER & LIGHT	26	25	24	18	10	10	9	6	0	0
12	PUGET SOUND POWER & LIGHT	46	44	41	31	18	17	17	11	0	0
13	SEATTLE CITY LIGHT	33	31	30	22	13	12	12	8	0	0
14	SNOHOMISH COUNTY PUD #1	4	4	4	3	1	2	1	1	0	0
15	TACOMA PUBLIC UTILITIES	33	31	29	22	13	12	12	8	0	0
16	WASHINGTON WATER POWER	13	13	12	9	5	5	5	3	0	0
17	TOTAL CSPE PURCHASE	263	251	236	178	102	98	94	62	0	0
TOTAL CSPE PURCHASE											
18	PUBLIC AGENCIES	132	125	118	89	51	49	46	31	0	0
19	INVESTOR-OWNED UTILITIES	131	126	118	89	51	49	48	31	0	0
20	TOTAL	263	251	236	178	102	98	94	62	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0
7 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
8 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0
9 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
10 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
11 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0
12 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0
13 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0
14 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY										
15 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
16 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
BPA CANADIAN ENTITLEMENT										
1 BPA CANADIAN ENTITLEMENT	0	0	12	101	222	221	220	278	392	391
PRIEST RAPIDS CANADIAN ENTITLEMENT										
2 PP&L CER FOR PRIEST R.	0	0	0	1	2	2	2	2	3	3
3 PGE CER FOR PRIEST R.	0	0	0	1	2	2	2	2	3	3
4 PSP&L CER FOR PRIEST R.	0	0	0	0	1	1	1	1	2	2
5 SEATTL CER FOR PRIEST R.	0	0	0	1	1	1	1	1	2	2
6 TACOMA CER FOR PRIEST R.	0	0	0	1	1	1	1	1	2	2
7 WWP CER FOR PRIEST R.	0	0	0	0	1	1	1	1	1	1
8 GRANT CER FOR PRIEST R.	0	0	1	2	4	4	4	6	8	8
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	1	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	1	6	12	12	12	15	21	21
WANAPUM CANADIAN ENTITLEMENT										
16 PP&L CER FOR WANAPUM	0	0	0	1	3	3	3	4	5	5
17 PGE CER FOR WANAPUM	0	0	0	1	3	3	3	4	5	5
18 PSP&L CER FOR WANAPUM	0	0	0	1	2	2	2	2	3	3
19 WWP CER FOR WANAPUM	0	0	0	1	1	1	1	2	2	2
20 GRANT CER FOR WANAPUM	0	0	1	3	6	6	6	7	10	10
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	1	1
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	1	1
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	1	7	15	15	15	19	27	27
ROCK ISLAND CANDIAN ENTITLEMENT										
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	1	1	1	2	3	3
28 PSP&L CER FOR ROCK ISLAND	0	0	0	1	2	2	2	2	3	3
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	1	3	3	3	4	6	6

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
ROCKY REACH CANDIAN ENTITLEMENT										
30 PP&L CER FOR ROCKY REACH	0	0	0	1	2	2	1	2	3	3
31 PGE CER FOR ROCKY REACH	0	0	0	2	3	3	3	4	6	6
32 PSP&L CER FOR ROCKY REACH	0	0	1	5	11	11	11	13	19	19
33 WWP CER FOR ROCKY REACH	0	0	0	0	1	1	1	1	2	1
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	1	1	1	1	1	1
35 CHELAN CER FOR ROCKY REACH	0	0	0	2	4	4	4	5	7	7
36 COLOCK CER FOR ROCKY REACH	0	0	1	3	6	6	6	8	11	11
37 ROCKY REACH CANADIAN ENT	0	0	2	13	28	28	27	34	49	48
WELLS CANADIAN ENTITLEMENT										
38 PP&L CER FOR WELLS	0	0	0	1	1	2	2	2	3	3
39 PGE CER FOR WELLS	0	0	0	2	4	4	4	6	8	8
40 PSP&L CER FOR WELLS	0	0	1	3	7	7	7	8	12	12
41 WWP CER FOR WELLS	0	0	0	0	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	0	0	0	2	5	4	4	6	8	8
43 OKANOG CER FOR WELLS	0	0	0	1	2	2	2	2	3	3
44 WELLS CANADIAN ENTITLEMENT	0	0	1	9	20	20	20	25	35	35
45 TOTAL CANADIAN ENT	0	0	17	137	300	299	297	375	530	528
TOTAL CANADIAN ENTITLEMENT										
46 FEDERAL SYSTEM	0	0	12	101	222	221	220	278	392	391
47 PUBLIC AGENCIES W/COLOCKUM	0	0	3	15	31	30	30	40	57	57
48 INVESTOR-OWNED UTILITIES	0	0	2	21	47	48	47	57	81	80
49 TOTAL	0	0	17	137	300	299	297	375	530	528

TABLE A-16

CONTRACTS BETWEEN UTILITIES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

	MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	BPA TO CLARK, PKWD LAKE	0	0	0	0	0	0	0	0	0	0
2	BPA TO MPC, WNP1 OBLIG	62	0	0	0	0	0	0	0	0	0
3	BPA TO MPC, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0
4	BPA TO OTHER, PKWD LAKE	0	0	0	0	0	0	0	0	0	0
5	BPA TO PP&L,CAPC SLE,BRIDGE	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, SOUTHERN IDAHO	94	94	94	94	94	94	94	94	94	94
7	BPA TO PP&L, WNP1 OBLIG	64	0	0	0	0	0	0	0	0	0
8	BPA TO PP&L, WNP3 SETTLE	0	66	66	66	66	66	66	66	66	66
9	BPA TO PGE, WNP1 OBLIG	63	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP3 SETTLE	54	54	65	65	65	65	65	65	65	65
11	BPA TO PGE, CAP SALE	0	0	0	0	0	0	0	0	0	0
12	BPA TO PSP&L, BAKER HD LOSS	1	1	1	1	1	0	0	0	0	0
13	BPA TO PSP&L, PS & PWR XCHG	75	75	75	75	75	75	51	51	51	51
14	BPA TO PSP&L, WNP1 OBLIG	64	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
16	BPA TO WWP, SRPLS CAPAC SLE	0	0	0	0	0	0	0	0	0	0
17	BPA TO WWP, WNP1 OBLIG	62	0	0	0	0	0	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	27	27	32	32	32	32	32	32	32	32
19	BPA TO WWP, DEF PWR XCHG	2	23	28	29	26	0	0	0	0	0
20	CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0
21	CHELAN TO PGE,C/N TRANS/XCH	2	2	2	2	2	2	2	2	2	2
22	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0
23	COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0
24	DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1
25	GRANT TO PP&L, PWR SALE	10	10	10	10	10	10	10	10	10	10
26	IDAHO TO OR TRAIL, RPLC SLE	8	8	8	7	0	0	0	0	0	0
27	IDAHO TO SCL, ENERGY XCHG	15	15	15	15	15	15	15	15	0	0
28	IDAHO TO MPC, SEAS PWR XCHG	12	12	12	12	12	12	12	12	12	12
29	IDAHO TO MPC, PWR SALE	42	0	0	0	0	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	29	29	29	29	29	27	0	0	0	0
31	MPC TO BPA, POWER SALE	53	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	12	12	12	12	12	12	12	12	12	12
33	MPC TO PP&L, PWR SALE	4	0	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	70	70	70	70	70	70	70	70	70	70
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	1	1	1	1	1	1	0	0	0	0
37	NO WASCO TO PSP&L, SALE	3	3	3	3	3	3	3	3	3	3
38	NO WASCO TO BPA, MCNARY FSH	0	6	7	7	7	7	7	7	7	7
39	PP&L TO BPA, WNP3 SETTLE	0	65	65	65	65	65	65	65	65	65
40	PP&L TO COLOCKUM, CAP/NRG X	23	23	23	23	23	23	23	21	0	0
41	PP&L TO PSP&L, PWR SALE 2	120	120	120	120	120	120	120	120	30	0
42	PEND O TO SCL, PWR SALE	12	12	12	12	12	9	9	9	9	9
43	PGE TO BPA, WNP3 SETTLE	54	54	65	65	65	65	65	65	65	65
44	PGE TO CHELAN, CAP/NRG XCHG	3	4	3	4	3	4	4	4	3	4
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
47	PSP&L TO BPA, POWER SALE	29	53	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	51	51	51	51
48	PSP&L TO GRAYSH, CENT CAP X	0	0	0	0	0	0	0	0	0	0

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
49 SCL TO PEND O, PWR SALE	27	27	27	27	27	31	31	31	31	31
50 SCL TO IDAHO, SEAS PWR XCHG	14	14	14	14	14	14	14	14	6	0
51 SCL TO TACOMA,SEAS PWR XCHG	4	4	4	4	4	4	4	4	4	0
52 SNOH TO PSP&L, SP PURCHASE	5	5	5	5	5	5	0	0	0	0
53 TCL TO SEATTLE,SEAS PWR XCH	4	4	4	4	4	4	4	4	4	0
54 WWP TO BPA, WNP3 SETTLE	27	27	32	32	32	32	32	32	32	32
55 WWP TO BPA, DEF PWR XCHG	51	0	0	0	0	0	0	0	0	0
56 WWP TO PP&L, PWR SALE	40	24	7	0	0	0	0	0	0	0
57 WWP TO PP&L, SANDPOINT PWR	1	0	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	9	3	3	0	0	0	0	0	0	0
59 WWP TO PGE, CAPACITY SALE	0	0	0	0	0	0	0	0	0	0
60 WWP TO PSP&L, PWR SALE 2	75	75	75	75	75	62	37	10	0	0
61 TOTAL CONTRACTS	1398	1092	1060	1050	1040	999	967	938	794	750
TOTAL CONTRACTS OUT										
62 FEDERAL CONTRACTS OUT	601	372	394	395	392	365	341	341	341	341
63 PUBLIC CONTRACTS OUT W/CLOK	84	90	91	91	91	91	85	85	77	63
64 IOU CONTRACTS OUT	714	630	576	565	557	542	541	512	376	347
65 TOTAL CONTRACTS OUT	1398	1092	1060	1050	1040	999	967	938	794	750
TOTAL CONTRACTS IN										
66 FEDERAL CONTRACTS IN	276	266	230	230	230	228	252	252	252	252
67 PUBLIC CONTRACTS IN W/CLOK	107	101	101	97	90	91	91	89	53	45
68 IOU CONTRACTS IN	1016	724	729	723	720	680	625	598	489	453
69 TOTAL CONTRACTS IN	1398	1092	1060	1050	1040	999	967	938	794	750

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-17

CAPACITY RESERVES

SHEET 1 OF 2

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	HYDRO,SM THML,C-T, & MISC.	0	0	0	0	0	0	0	0	0	0
2	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
3	AREA RESERVES	0	0	0	0	0	0	0	0	0	0
	HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES										
4	FEDERAL	0	0	0	0	0	0	0	0	0	0
5	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
6	COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0
7	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
8	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
9	EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0
10	GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0
11	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
12	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0
13	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
14	TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0
15	SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0
16	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0
17	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0
18	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
19	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0
20	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
21	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0
22	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES										
23	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
24	PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0
25	INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0
26	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
LARGE THERMAL RESERVES										
27 FEDERAL	0	0	0	0	0	0	0	0	0	0
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0
35 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
36 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0
37 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0
38 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0
39 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0
40 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
41 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0
42 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
43 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0
44 TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES										
45 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
46 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
47 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0
48 TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0

TABLE A-18

WELLS AND CHELAN ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 WELLS	411	411	411	411	411	411	411	411	411	411
2 WELLS AFTER ENC.	366	366	366	366	366	366	366	366	366	366
3 PP&L SHARE	28	28	28	28	28	28	28	28	28	28
4 PGE SHARE	83	83	83	83	83	83	83	83	83	83
5 PSP&L SHARE	128	128	128	128	128	128	128	128	128	128
6 WWP SHARE	14	14	14	14	14	14	14	14	14	14
7 DOUGLS SHARE	84	84	84	84	84	84	84	84	84	84
8 OKANOG CO. PUD SHARE PUB	30	30	30	30	30	30	30	30	30	30
9 WELLS AFTER ENC. DGLS	366	366	366	366	366	366	366	366	366	366
10 CHELAN	37	37	37	37	37	37	37	37	37	37
11 CHELAN AFTER ENC.	40	40	40	40	40	40	40	40	40	40
12 TO CHELAN FR WWP,CONTRACT	0	0	0	0	0	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ	40	40	40	40	40	40	40	40	40	40
14 CHELAN SHARE (PROJ+CONT)	40	40	40	40	40	40	40	40	40	40
15 WWP SHARE	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC. CHLN	40	40	40	40	40	40	40	40	40	40

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 ROCKY REACH	572	572	572	572	572	572	572	572	572	572
2 ROCKY REACH AFTER ENC.	589	589	589	589	589	589	589	589	589	589
3 PP&L SHARE	31	31	31	31	31	31	31	31	31	31
4 PGE SHARE	71	71	71	71	71	71	71	71	71	71
5 PSP&L SHARE	229	229	229	229	229	229	229	229	229	229
6 WWP SHARE	17	17	17	17	17	17	17	17	17	17
7 DOUGLS SHARE	16	16	16	16	16	16	16	16	16	16
8 CHELAN SHARE	89	89	89	89	89	89	89	89	89	89
9 COLOCK SHARE	136	136	136	136	136	136	136	136	136	136
10 RKY REACH AFTER ENC. CHLN	589	589	589	589	589	589	589	589	589	589
11 ROCK ISLAND	277	277	277	277	277	277	277	277	277	277
12 ROCK ISLAND AFTER ENC. 1&2	345	345	345	345	345	345	345	345	345	345
13 1ST PWRHOUSE AFTER ENC.	224	224	224	224	224	224	224	224	224	224
14 CHELAN SHARE	92	96	101	106	111	112	112	112	112	112
15 PSP&L SHARE	132	128	123	118	113	112	112	112	112	112
16 RI 2ND POWERHOUSE	121	121	121	121	121	121	121	121	121	121
17 CHELAN SHARE	0	0	0	0	1	13	25	37	49	60
18 PSP&L SHARE	121	121	121	121	120	108	96	84	72	60
19 CHELAN TOTAL SHARE	92	96	101	106	112	125	137	149	161	172
20 PSP&L TOTAL SHARE	253	249	244	239	233	220	208	196	184	173
21 ROCK ISLAND CHLN	345	345	345	345	345	345	345	345	345	345

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1 WANAPUM	492	492	492	492	492	492	492	492	492	492
2 WANAPUM AFTER ENC.	420	420	420	420	420	420	420	420	420	420
3 PP&L SHARE	79	79	79	79	79	79	79	79	79	79
4 PGE SHARE	79	79	79	79	79	79	79	79	79	79
5 PSP&L SHARE	45	45	45	45	45	45	45	45	45	45
6 WWP SHARE	34	34	34	34	34	34	34	34	34	34
7 GRANT SHARE	153	153	153	153	153	153	153	153	153	153
8 EUGENE SHARE	10	10	10	10	10	10	10	10	10	10
9 COWLIZ SHARE	11	11	11	11	11	11	11	11	11	11
10 F GROV SHARE	3	3	3	3	3	3	3	3	3	3
11 MCMINN SHARE	3	3	3	3	3	3	3	3	3	3
12 M FREE SHARE	3	3	3	3	3	3	3	3	3	3
13 WANAPUM AFTER ENC. GRNT	420	420	420	420	420	420	420	420	420	420
14 PRIEST RAPIDS	484	484	484	484	484	484	484	484	484	484
15 PRIEST RAPIDS AFTER ENC.	468	468	468	468	468	468	468	468	468	468
16 PP&L SHARE	65	65	65	65	65	65	65	65	65	65
17 PGE SHARE	65	65	65	65	65	65	65	65	65	65
18 PSP&L SHARE	37	37	37	37	37	37	37	37	37	37
19 SEATTL SHARE	37	37	37	37	37	37	37	37	37	37
20 TACOMA SHARE	38	38	38	38	38	38	38	38	38	38
21 WWP SHARE	29	29	29	29	29	29	29	29	29	29
22 GRANT SHARE	171	171	171	171	171	171	171	171	171	171
23 EUGENE SHARE	8	8	8	8	8	8	8	8	8	8
24 COWLIZ SHARE	10	10	10	10	10	10	10	10	10	10
25 F GROV SHARE	2	2	2	2	2	2	2	2	2	2
26 MCMINN SHARE	2	2	2	2	2	2	2	2	2	2
27 M FREE SHARE	2	2	2	2	2	2	2	2	2	2
28 KITATS SHARE	2	2	2	2	2	2	2	2	2	2
29 PRST RPDS AFTER ENC. GRNT	468	468	468	468	468	468	468	468	468	468

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	SWIFT 1		54	54	54	54	54	54	54	54	54	54
2	COWLIZ SHARE		14	14	14	14	14	14	14	14	14	14
3	PP&L SHARE	(SYSTEM)	40	40	40	40	40	40	40	40	40	40
4	SWIFT 1	PP&L	54	54	54	54	54	54	54	54	54	54
5	SWIFT 2		20	20	20	20	20	20	20	20	20	20
6	COWLIZ SHARE		5	5	5	5	5	5	5	5	5	5
7	PP&L SHARE	(SYSTEM)	15	15	15	15	15	15	15	15	15	15
8	SWIFT 2	COW	20	20	20	20	20	20	20	20	20	20

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PUBLIC UTILITIES										
PRIORITY FIRM RATE SALES										
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
2 COWLITZ COUNTY PUD #1	507	519	532	540	548	553	556	561	565	569
3 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
4 EUGENE WATER & ELEC BOARD	221	203	183	184	192	197	201	207	215	219
5 GRANT COUNTY PUD #2	86	97	107	117	130	136	142	149	159	165
6 PEND OREILLE COUNTY PUD #1	38	38	39	39	39	33	33	34	34	35
7 SEATTLE CITY LIGHT	188	192	195	207	220	229	232	243	255	261
8 SNOHOMISH COUNTY PUD #1	536	565	593	608	628	645	658	680	696	717
9 TACOMA PUBLIC UTILITIES	251	256	260	266	272	276	278	289	298	302
10 SM & NON GEN PUBLICS	3215	3257	3122	3136	3194	3238	3278	3324	3381	3430
11 TOTAL SALES	5040	5125	5029	5096	5222	5306	5378	5487	5602	5697
INVESTOR-OWNED UTILITIES										
NEW RESOURCES RATE PURCHASES										
12 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0
13 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0
14 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
15 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0
16 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
17 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0
18 TOTAL SALES	0	0	0	0	0	0	0	0	0	0

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

	MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
1	FEDERAL SYSTEM	6	175	183	183	183	183	183	183	183	183
2	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
3	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
4	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
5	EUGENE WATER & ELEC BRD	9	34	61	68	68	68	68	68	68	68
6	GRANT COUNTY PUD #2	7	7	7	7	7	7	7	7	7	7
7	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
8	SEATTLE CITY LIGHT	65	65	65	65	65	65	65	65	65	65
9	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
10	TACOMA PUBLIC UTILITIES	25	25	25	25	25	25	25	25	25	25
11	SMALL & NON GEN PUBLICS	12	16	16	39	44	44	44	44	44	44
12	IDAHO POWER COMPANY DED	95	98	98	98	98	98	98	98	98	98
13	MONTANA POWER CO. REGIONAL	30	33	33	33	33	33	30	30	31	31
14	PACIFIC POWER & LIGHT	55	55	55	55	55	55	55	55	55	55
15	PORTLAND GENERAL ELECTRIC	20	20	20	20	20	20	20	20	20	20
16	PUGET SOUND POWER & LIGHT	622	621	621	614	614	614	614	614	613	613
17	WASHINGTON WATER POWER	66	66	66	66	66	66	36	11	11	6
18	TOTAL NON-UTILITY GEN	1006	1040	1067	1090	1095	1095	1062	1037	1037	1032
	TOTAL REGIONAL NON-UTILITY GENERATION										
19	FEDERAL SYSTEM	6	175	183	184	184	183	183	183	184	183
20	PUBLIC AGENCIES	119	147	173	204	209	209	209	209	209	209
21	INVESTOR-OWNED UTILITIES	887	894	894	886	886	886	853	829	828	824
22	TOTAL NON-UTILITY GEN	1012	1216	1250	1274	1279	1278	1245	1221	1221	1216
	SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.										
23	MONTANA NON-REGIONAL NUG	61	58	58	58	58	58	60	60	60	60
	UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.										
24	UTAH,NON-UTILITY GENERATION	8	8	8	8	8	8	8	8	8	8
	TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.										
25	TOTAL NON-UTILITY GEN	1081	1282	1316	1340	1344	1344	1314	1289	1289	1284

TABLE A-24

DEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PUBLIC AGENCIES										
1 CHELAN COUNTY PUD #1	211	216	220	223	227	240	252	262	272	283
2 COWLITZ COUNTY PUD #1	49	49	49	48	46	46	45	43	42	42
3 DOUGLAS COUNTY PUD #1	96	96	95	95	92	93	93	91	90	90
4 EUGENE WATER & ELEC BOARD	72	97	123	127	123	122	122	120	116	116
5 GRANT COUNTY PUD #2	274	274	272	270	266	266	266	264	261	261
6 PEND OREILLE COUNTY PUD #1	5	5	5	5	5	11	11	11	11	11
7 SEATTLE CITY LIGHT	876	874	874	866	856	850	849	842	837	837
8 SNOHOMISH COUNTY PUD #1	144	144	145	144	142	143	141	138	141	141
9 TACOMA PUBLIC UTILITIES	392	392	393	391	388	387	386	379	374	374
10 SM & NON GEN PUBLIC (CL+GH)	184	186	370	400	387	387	385	380	372	372
11 TOTAL PUBLIC AGENCIES	2304	2333	2546	2569	2532	2546	2550	2530	2516	2527
INVESTOR-OWNED UTILITIES										
12 IDAHO POWER COMPANY	1359	1379	1382	1393	1425	1435	1420	1451	1461	1499
13 MONTANA POWER CO. REGIONAL	350	280	280	281	282	282	284	285	286	288
14 PACIFIC POWER & LIGHT	2330	2311	2306	2225	2216	2217	2128	2128	2138	2059
15 PORTLAND GENERAL ELECTRIC	868	877	874	860	843	842	842	832	819	819
16 PUGET SOUND POWER & LIGHT	1347	1276	1271	1249	1222	1208	1196	1174	1146	1134
17 WASHINGTON WATER POWER	702	703	705	701	696	696	694	684	689	689
18 TOTAL INVESTOR-OWNED UTILIT	6956	6826	6818	6709	6684	6680	6564	6554	6539	6488
19 TOTAL DEDICATED RESOURCES	9260	9159	9364	9278	9216	9226	9114	9084	9055	9015

TABLE A-25

NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

	MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PUBLIC AGENCIES											
1	CHELAN COUNTY PUD #1	11	11	11	11	12	11	11	11	11	11
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	17	17	17	17	17	17	17	17	17	17
5	GRANT COUNTY PUD #2	39	39	39	39	39	39	39	39	39	39
6	PEND OREILLE COUNTY PUD #1	71	65	65	62	62	62	62	62	62	62
7	SEATTLE CITY LIGHT	2	2	2	3	2	3	2	3	-4	2
8	SNOHOMISH COUNTY PUD #1	-5	-5	-5	-5	-5	-5	0	0	0	0
9	TACOMA PUBLIC UTILITIES	-5	-8	-9	-15	-19	-20	-20	-20	-19	0
10	SM & NON GEN PUBLIC (CL+GH)	-1	-1	-1	-1	-1	-1	0	0	0	0
11	TOTAL PUBLIC AGENCIES	130	121	120	112	107	107	112	113	106	131
INVESTOR-OWNED UTILITIES											
12	IDAHO POWER COMPANY	192	235	234	233	234	234	234	234	239	234
13	MONTANA POWER CO. REGIONAL	10	74	74	74	74	73	70	70	70	70
14	PACIFIC POWER & LIGHT	-364	-438	-456	-464	-465	-466	-468	-467	-357	-288
15	PORTLAND GENERAL ELECTRIC	779	716	716	716	716	716	716	716	716	716
16	PUGET SOUND POWER & LIGHT	1226	1202	1256	1247	1247	1233	1128	1101	1000	970
17	WASHINGTON WATER POWER	175	208	231	244	241	225	220	222	231	228
18	TOTAL INVESTOR-OWNED UTILIT	2018	1997	2055	2050	2047	2015	1900	1876	1899	1930
19	TOTAL NONDEDICATED RES	2148	2118	2175	2162	2154	2122	2012	1989	2005	2061

TABLE A-26

FEDERAL RESOURCE OPTIONS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552										
1 BPA TO BURBANK, POWER SALE	16	16	16	16	16	16	16	16	16	16
2 BPA TO GLENDALE, POWER SALE	8	8	8	8	8	8	8	8	8	8
3 BPA TO PASADENA, POWER SALE	3	3	3	3	3	3	3	3	3	3
4 BPA TO MSR, POWER SALE	50	75	75	75	75	75	75	75	75	75
5 BPA TO SCE, POWER SALE	134	134	134	134	134	134	134	134	134	134
6 FED CONTRACTS 60-DAY RECALL	212	237	237	237	237	237	237	237	237	237
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES										
7 BURBANK TO BPA, CAP/NRG X	4	4	4	4	4	4	4	4	4	4
8 GLENDALE TO BPA, CAP/NRG X	4	4	4	4	4	4	4	4	4	4
9 PASADEDA TO BPA, CAP/NRG X	4	4	4	4	4	4	4	4	4	4
10 MSR TO BPA, CAP/NRG XCHG	17	21	25	25	25	25	25	25	25	25
11 SCE TO BPA, CAP/NRG XCHG	40	39	37	36	35	34	33	31	30	29
12 FED EXCHANGE NRG FROM PSW	68	71	74	73	71	70	69	68	67	66
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES										
13 BURBANK TO BPA, SUPPLM NRG	1	1	1	1	1	1	1	1	1	1
14 GLENDALE TO BPA, SUPPLM NRG	1	1	1	1	1	1	1	1	1	1
15 PASADENA TO BPA, SUPPLM NRG	1	1	1	1	1	1	1	1	1	1
16 SCE TO BPA, SUPPLMENTAL NRG	34	35	36	37	39	40	41	42	43	44
17 TOTAL SUPPLEMENTAL ENERGY	37	38	39	41	42	43	44	46	47	48
18 SCE TO BPA, OPTION ENERGY	71	71	71	71	0	0	0	0	0	0
19 FED RES ADDITIONS FROM PSW	108	109	111	112	42	43	44	46	47	48
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552										
20 BPA TO PSP&L, PWR SALE	0	0	0	0	75	75	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	0	75	75	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	388	418	422	422	426	426	351	351	351	351
23 CANADIAN NON-TREATY STORAGE	115	115	115	115	115	115	115	105	0	0
24 TOTAL RESOURCE OPTIONS	503	533	537	537	541	541	466	456	351	351

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
GENERATING PUBLIC UTILITIES FIRM PURCHASES											
PARTNERSHIP PURCHASES											
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES											
PRIORITY FIRM PURCHASES											
3 GEN PUB PURCHASE, PF RATE		1825	1868	1907	1960	2028	2068	2100	2163	2222	2268
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES											
4 TOTAL GEN PUBLIC PURCHASE		1825	1868	1907	1960	2028	2068	2100	2163	2222	2268
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES											
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS											
BILLING CREDITS											
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS											
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		3215	3257	3122	3136	3194	3238	3278	3324	3381	3430
PARTNERSHIP PURCHASES											
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES											
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES											
14 BPA TO S&NG, SP PURCH		1	1	1	1	1	1	0	0	0	0
PRIORITY FIRM PURCHASES											
15 NON GEN PUB PURCH, PF RATE		3214	3256	3121	3135	3193	3237	3278	3324	3381	3430
TOTAL PARTNERSHIP PURCHASES											
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		1	1	1	1	1	1	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
BONEVILLE POWER ADMINISTRATION										
1A FEDERAL AGENCIES	0	0	0	0	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT										
21 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	0	0	0	0	0	0

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SECTION VI - DEDICATED AND NONDEDICATED RESOURCES

Energy Analysis

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TABLE D-1

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
IDAHO POWER COMPANY DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SWAN FALLS	5B1A	17	17	17	17	17	17	17	17	17	17
2 C.J.STRIKE	5B1A	55	55	55	55	55	55	55	55	55	55
3 AMERICAN FALLS	5B1A	32	32	32	32	32	32	32	32	32	32
4 BLISS	5B1A	45	45	45	45	45	45	45	45	45	45
5 LOWER SALMON	5B1A	29	29	29	29	29	29	29	29	29	29
6 UPPER SALMON 1&2	5B1A	18	18	18	18	18	18	18	18	18	18
7 UPPER SALMON 3&4	5B1A	16	16	16	16	16	16	16	16	16	16
8 SHOSHONE FALLS	5B1A	10	10	10	10	10	10	10	10	10	10
9 SPRING PLANTS	5B1A	29	29	29	29	29	29	29	29	29	29
10 TWIN FALLS	5B1A	11	11	11	11	11	11	11	11	11	11
11 MILMER	5B1B	7	7	7	7	7	7	7	7	7	7
12 CASCADE	5B1A	4	4	4	4	4	4	4	4	4	4
REGULATED HYDRO											
13 HELLS CANYON	5B1A	189	189	189	189	189	189	189	189	189	189
14 OXBOW	5B1A	97	97	97	97	97	97	97	97	97	97
15 BROWNLEE	5B1A	233	233	233	233	233	233	233	233	233	233
16 TOTAL HYDRO		792	792	792	792	792	792	792	792	792	792
LARGE THERMAL											
17 JIM BRIDGER SHARE	5B1A	586	602	608	613	603	603	589	616	598	615
18 TOTAL THERMAL		586	602	608	613	603	603	589	616	598	615
OTHER RESOURCES											
19 WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0
20 NON-UTILITY GENERATION	5B1B	95	98	98	98	98	98	98	98	98	98
21 TOTAL OTHER RESOURCES		95	98	98	98	98	98	98	98	98	98
EXPORTS											
22 IDA TO SIERRA PAC,SLE1,	5B1A	-12	-11	-12	-12	-11	0	0	0	0	0
23 IDA TO SIERRA PAC,SLE2,	5B1A	-41	-39	-39	-34	0	0	0	0	0	0
24 IDA TO UAMPS, SALE,	5B1A	-44	-45	-47	-47	-47	-48	-49	-49	-21	0
25 IDA TO AZUSA, BANN,CLT,	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
26 IDA TO CTY OF WASH, UT,	5B1A	-3	-4	-4	-4	-4	-4	-4	0	0	0
27 TOTAL EXPORTS		-106	-105	-108	-103	-68	-58	-59	-55	-27	-6
IMPORTS											
CONTRACTS OUT											
28 IDA TO ORE TRAIL, SALE,	5B1B	-8	-8	-8	-7	0	0	0	0	0	0
CONTRACTS IN											

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
TOTAL DEDICATED RESOURCES										
29 ACQUIRED PRIOR TO ACT, 5B1A	1265	1282	1285	1295	1320	1330	1315	1346	1356	1394
30 ACQUIRED, POST ACT, 5B1B	94	97	97	98	105	105	105	105	105	105
31 TOTAL DEDICATED RESOURCES	1359	1379	1382	1393	1425	1435	1420	1451	1461	1499
NONDEDICATED RESOURCES										
32 LG THRM, VALMY	195	196	195	194	195	195	195	195	194	195
33 LG THRM, BOARDMAN SHARE	39	39	39	39	39	39	39	39	39	39
34 C.O.: IPC TO SCL, NRG SALE	-15	-15	-15	-15	-15	-15	-15	-15	0	0
35 C.O.: IPC TO MPC, C/N XCHG	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
36 C.O.: IPC TO MPC, SALE	-42	0	0	0	0	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	14	14	14	14	14	14	14	14	6	0
38 C.I.: MPC TO IPC, C/N XCHG	12	12	12	12	12	12	12	12	12	12
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	192	235	234	233	234	234	234	234	239	234
41 TOTAL RESOURCES	1551	1614	1616	1626	1659	1669	1654	1685	1700	1733

TABLE D-2

SHEET 1 OF 2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
MONTANA POWER COMPANY DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	2	2	2	2
2 BLACK EAGLE	5B1A	4	5	5	5	5	5	5	5	5	5
3 HOLTER	5B1A	8	9	9	9	9	9	8	8	8	8
4 HAUSER	5B1A	4	4	4	4	4	4	4	4	4	4
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	0	0	0
6 MADISON	5B1A	2	3	2	3	3	3	2	2	2	2
7 RAINBOW	5B1A	9	11	11	11	11	11	10	10	10	10
8 COCHRANE	5B1A	7	8	8	8	8	8	7	7	7	7
9 RYAN	5B1A	2	2	2	2	2	2	2	2	2	2
10 MORONY	5B1A	8	9	9	9	9	9	8	8	8	9
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO											
12 KERR	5B1A	37	40	40	40	41	40	38	38	38	38
13 THOMPSON FALLS	5B1A	16	18	18	18	18	18	16	17	17	17
14 TOTAL HYDRO		99	111	110	111	112	111	102	103	103	104
LARGE THERMAL											
15 COLSTRIP 1&2 SHARE	5B1A	80	91	91	91	91	90	84	84	84	84
16 COLSTRIP 3 SHARE	5B1B	60	68	68	68	68	67	62	62	62	62
17 TOTAL THERMAL		140	159	159	159	159	157	146	146	146	146
OTHER RESOURCES											
18 BIRD, SMALL THERMAL	5B1B	0	0	1	1	1	1	1	1	1	1
19 NON-UTILITY GEN	5B1B	30	33	33	33	33	33	30	30	31	31
20 TOTAL OTHER RESOURCES		30	33	34	34	34	34	31	31	32	32
EXPORTS											
IMPORTS											
CONTRACTS OUT											
21 MPC TO ID, SEAS PWR X	5B1B	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
22 MPC TO BPA,C/N XCHG	5B1A	-29	-29	-29	-29	-29	-27	0	0	0	0
23 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6
24 TOTAL CONTRACTS OUT		-35	-35	-35	-35	-35	-33	-6	-6	-6	-6

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS IN										
25 IDA TO MPC SEA PWR XCH 5B1B	12	12	12	12	12	12	12	12	12	12
26 IDA TO MPC, PWR SALE 5B1B	42	0	0	0	0	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL 5B1B	62	0	0	0	0	0	0	0	0	0
28 BPA TO MPC,C/N XCHG 5B1A	0	0	0	0	0	0	0	0	0	0
29 TOTAL CONTRACTS IN7731 7734	62	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES										
30 ACQUIRED PRIOR TO ACT, 5B1A	156	179	178	179	180	181	191	192	192	194
31 ACQUIRED, POST ACT, 5B1B	194	101	102	102	102	101	93	93	94	94
32 TOTAL DEDICATED RESOURCES	350	280	280	281	282	282	284	285	286	288
NONDEDICATED RESOURCES										
33 REG HYDRO, KERR	2	3	3	3	3	3	2	2	2	2
34 LG THRM, COL4 50% SLD TO LA	187	187	187	187	187	187	187	187	187	187
35 EXP: MPC TO LA, PWR SALE	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91
36 SM TH & MISC, CORRETTE	40	46	46	46	46	45	42	42	42	42
37 C.O.: MPC TO BPA, PWR SALE	-53	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE	-4	0	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
40 C.O.: MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES	10	74	74	74	74	73	70	70	70	70
42 TOTAL RESOURCES	360	354	354	355	356	355	354	355	356	358

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PACIFIC POWER & LIGHT DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 NORTH UMPQUA	5B1A	97	97	97	97	97	97	97	97	97	97
2 ROGUE	5B1A	34	34	34	34	34	34	34	34	34	34
3 KLAMATH	5B1A	22	22	22	22	22	22	22	22	22	22
4 CNDT;SM PLTS & BIG FK	5B1A	26	26	26	26	26	26	26	26	26	26
5 USBR GREENSPRINGS	5B1A	7	7	7	7	7	7	7	7	7	7
6 FELT	5B1A	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO											
7 WELLS DED SHARE	5B1A	26	26	26	26	26	26	26	26	26	26
8 ROCKY REACH SHARE	5B1A	31	31	31	31	31	31	31	31	31	31
9 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	79
10 PRIEST RAPIDS SHARE	5B1A	65	65	65	65	65	65	65	65	65	65
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	40	40	40	40	40	40	40	40	40	40
13 SWIFT 2 SHARE	5B1A	15	15	15	15	15	15	15	15	15	15
14 YALE	5B1A	53	53	53	53	53	53	53	53	53	53
15 MERWIN	5B1A	50	50	50	50	50	50	50	50	50	50
16 TOTAL HYDRO		546	546	546	546	546	546	546	546	546	546
LARGE THERMAL											
17 CENTRALIA SHARE	5B1A	591	592	599	597	598	598	591	572	599	596
18 COLSTRIP 3 SHARE	5B1B	63	62	62	62	62	63	63	63	63	62
19 COLSTRIP 4 SHARE	5B1B	62	62	62	62	62	62	62	62	63	62
20 TOTAL LARGE THERMAL		716	716	723	721	722	723	716	697	725	720
OTHER RESOURCES											
21 NON-UTILITY GEN	5B1B	51	51	51	51	51	51	51	51	51	51
22 TOTAL OTHER RESOURCES		51	51	51	51	51	51	51	51	51	51
EXPORTS											
IMPORTS											
23 PP&L (WYO) TO PP&L	5B1A	898	880	869	799	801	801	719	742	732	658
24 TOTAL IMPORTS		898	880	869	799	801	801	719	742	732	658
CONTRACTS OUT											
25 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-4	-4	-3	-3	-2	0	0
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-4	-8	-9	-8	-10	-14	-14
27 TOTAL CONTRACTS OUT		-5	-5	-5	-8	-12	-12	-11	-12	-14	-14

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS IN											
28 RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30
29 CSPE PURCHASE	5B1A	26	25	24	18	10	10	9	6	0	0
30 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
31 PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3
32 BPA TO PP&L,BRDG CAP S	5B1B	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 OBLIG	5B1B	64	0	0	0	0	0	0	0	0	0
34 BPA TO PP&L,WNP3 STLE	5B1B	0	66	66	66	66	66	66	66	66	66
35 WWP TO PP&L,SANDPOINT	5B1A	1	0	0	0	0	0	0	0	0	0
36 TOTAL CONTRACTS IN		124	123	122	116	108	108	107	104	98	98
TOTAL DEDICATED RESOURCES											
37 ACQUIRED PRIOR TO ACT,	5B1A	2090	2071	2066	1985	1976	1976	1887	1887	1896	1819
38 ACQUIRED, POST ACT,	5B1B	240	241	241	241	241	242	242	242	243	241
39 TOTAL DEDICATED RESOURCES		2330	2311	2306	2225	2216	2217	2128	2128	2138	2059
NONDEDICATED RESOURCES											
40 M HYDRO, WELLS ND SHARE		2	2	2	2	2	2	2	2	2	2
41 EXP: PP&L TO PP&L N.CAL,PS		-8	-9	-10	-11	-12	-13	-15	-16	-17	-18
42 EXP: PP&L TO PG&E,PWR SALE		-12	0	0	0	0	0	0	0	0	0
43 EXP: PP&L TO SMUD,PWR SALE		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
44 EXP: PP&L TO SCE,PWR SALE		-57	-57	-57	-57	-57	-57	-57	-57	-57	-57
45 EXP: PP&L TO CA DPT WTR RES		-70	-70	-70	-70	-70	-70	-70	-70	-70	-30
46 EXP: PP&L TO WAPA,PWR SALE		-189	-189	-189	-189	-189	-189	-189	-189	-189	-189
47 C.O.: PP&L TO BPA,WP3 S		0	-65	-65	-65	-65	-65	-65	-65	-65	-65
48 C.O.: PP&L TO CHL,C/N X		-23	-23	-23	-23	-23	-23	-23	-21	0	0
49 C.O.: PP&L TO PSP&L,PS2		-120	-120	-120	-120	-120	-120	-120	-120	-30	0
50 C.I.: BPA TO PP&L,SO ID		94	94	94	94	94	94	94	94	94	94
51 C.I.: GRANT TO PP&L,PS		10	10	10	10	10	10	10	10	10	10
52 C.I.: CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0
53 C.I.: MPC TO PP&L, SALE		4	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PP&L,PS		40	24	7	0	0	0	0	0	0	0
21 NON-UTILITY GEN	ND	4	4	4	4	4	4	4	4	4	4
55 TOTAL NONDEDICATED RES		-364	-438	-456	-464	-465	-466	-468	-467	-357	-288
56 TOTAL RESOURCES		1966	1873	1850	1761	1751	1751	1660	1661	1781	1771

TABLE D-4

SHEET 1 OF 2

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 BULL RUN	5B1A	10	10	10	10	10	10	10	10	10	10
2 TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14
REGULATED HYDRO											
3 ROUND BUTTE	5B1A	85	85	85	85	85	85	85	85	85	85
4 PELTON	5B1A	35	35	35	35	35	35	35	35	35	35
5 OAK GROVE	5B1A	25	25	25	25	25	25	25	25	25	25
6 NORTH FORK	5B1A	19	19	19	19	19	19	19	19	19	19
7 FARADAY	5B1A	17	17	17	17	17	17	17	17	17	17
8 RIVER MILL	5B1A	10	10	10	10	10	10	10	10	10	10
9 PRIEST RAPIDS SHARE	5B1A	65	65	65	65	65	65	65	65	65	65
10 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	79
11 ROCKY REACH SHARE	5B1A	71	71	71	71	71	71	71	71	71	71
12 WELLS SHARE	5B1A	83	83	83	83	83	83	83	83	83	83
13 TOTAL HYDRO		513	513	513	513	513	513	513	513	513	513
LARGE THERMAL											
14 CENTRALIA SHARE	5B1A	31	31	31	31	31	31	31	30	31	31
15 TOTAL THERMAL		31	31	31	31	31	31	31	30	31	31
OTHER RESOURCES											
16 SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1
17 NON-UTILITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0
18 C.T.: BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2
19 C.T.: BEAVER	5B1A	60	60	60	60	60	60	60	60	60	60
20 COGEN, COYOTE SPRINGS	5B1B	194	205	205	205	205	205	205	205	205	205
21 TOTAL OTHER RESOURCES		258	269	269	269	269	269	269	269	269	269
EXPORTS											
IMPORTS											
22 SCE TO PGE,SEA PWR XCH	5B1B	35	35	35	35	35	35	35	35	35	35
CONTRACTS OUT											
23 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 CANADIAN ENTIT (CSPE)	5B1A	-8	-8	-8	-6	-4	-4	-4	-3	0	0
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-6	-12	-12	-12	-16	-22	-22
26 RESTORATION	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
27 TOTAL CONTRACTS OUT		-15	-15	-15	-19	-23	-23	-23	-26	-29	-29

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS IN											
28 CSPE PURCHASE	5B1A	46	44	41	31	18	17	17	11	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		46	44	41	31	18	17	17	11	0	0
TOTAL DEDICATED RESOURCES											
31 ACQUIRED PRIOR TO ACT,	5B1A	639	637	634	620	603	602	602	592	579	579
32 ACQUIRED, POST ACT,	5B1B	229	240	240	240	240	240	240	240	240	240
33 TOTAL DEDICATED RESOURCES		868	877	874	860	843	842	842	832	819	819
NONDEDICATED RESOURCES											
34 LG THRM, BOARDMAN SHARE		253	253	253	253	253	253	253	253	253	253
35 LG THRM, COLSTRIP 3 SHARE		124	124	124	124	124	124	124	124	124	124
36 LG THRM, COLSTRIP 4 SHARE		124	124	124	124	124	124	124	124	124	124
37 C.T.: BEAVER		329	329	329	329	329	329	329	329	329	329
38 C.T.: BETHEL		50	50	50	50	50	50	50	50	50	50
39 EXP: PGE TO BURBANK, SALE		-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
40 EXP: PGE TO GLENDALE, SALE		-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
41 EXP: PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
42 EXP: PGE TO SCE,SEA PWR XCH		-34	-34	-34	-34	-34	-34	-34	-34	-34	-34
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		-54	-54	-65	-65	-65	-65	-65	-65	-65	-65
45 C.O.: PGE TO CHEL,C/N X		-3	-4	-3	-4	-3	-4	-4	-4	-3	-4
46 C.I.: BPA TO PGE,WNP3 S		54	54	65	65	65	65	65	65	65	65
47 C.I.: BPA TO PGE,WNP1 OB		63	0	0	0	0	0	0	0	0	0
48 C.I.: CHEL TO PGE,C/N X		2	2	2	2	2	2	2	2	2	2
49 C.I.: WWP TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0
51 NON-UTILITY GEN		20	20	20	20	20	20	20	20	20	20
52 TOTAL NONDEDICATED RES		779	716	716	716	716	716	716	716	716	716
53 TOTAL RESOURCES		1647	1593	1590	1576	1559	1558	1558	1548	1535	1535

TABLE D-5

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SNOQUALMIE, ELCT & NK	5B1A	49	49	49	49	49	49	49	49	49	49
REGULATED HYDRO											
2 WHITE	5B1A	29	29	29	29	29	29	29	29	29	29
3 UPPER BAKER	5B1A	34	34	34	34	34	34	34	34	34	34
4 LOWER BAKER	5B1A	39	39	39	39	39	39	39	38	38	38
5 WELLS SHARE	5B1A	128	128	128	128	128	128	128	128	128	128
6 ROCKY REACH SHARE	5B1A	229	229	229	229	229	229	229	229	229	229
7 ROCK ISLAND SHARE	5B1A	253	249	244	239	233	220	208	196	184	173
8 WANAPUM SHARE	5B1A	45	45	45	45	45	45	45	45	45	45
9 PRIEST SHARE	5B1A	37	37	37	37	37	37	37	37	37	37
10 TOTAL HYDRO		843	839	834	829	823	810	798	785	773	762
LARGE THERMAL											
11 CENTRALIA SHARE	5B1A	87	87	89	88	88	88	87	85	89	88
12 COLSTRIP 1&2 SHARE	5B1A	251	251	251	251	251	251	251	251	251	251
13 COLSTRIP 3 DED SHARE	5B1B	19	19	19	19	19	19	19	19	19	19
14 COLSTRIP 4 DED SHARE	5B1B	19	19	19	19	19	19	19	19	19	19
15 TOTAL LARGE THERMAL		377	377	379	378	378	378	377	375	379	378
OTHER RESOURCES											
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	1	1	1	1	1	1	1	1
17 C.T.: WHITEHORN 1	5B1A	11	11	11	11	11	11	11	11	11	11
18 C.T.: WHITEHORN 2 & 3	5B1B	28	28	28	28	28	28	28	28	28	28
19 SM TH&MISC, SHUFFLETN	5B1A	2	2	2	2	2	2	2	2	2	2
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		42	42	43	43	43	43	43	43	43	43
EXPORTS											
IMPORTS											
CONTRACTS OUT											
23 RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24 CANADIAN ENTIT (CSPE)	5B1A	-16	-16	-14	-12	-7	-7	-6	-4	0	0
25 CANADIAN ENTITL (CAN)	5B1A	0	0	-2	-10	-23	-23	-23	-26	-39	-39
26 TOTAL CONTRACTS OUT		-26	-26	-26	-32	-40	-40	-39	-40	-49	-49

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	46	44	41	31	18	17	17	11	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	64	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		110	44	41	31	18	17	17	11	0	0
TOTAL DEDICATED RESOURCES											
31 ACQUIRED PRIOR TO ACT,	5B1A	1214	1207	1202	1180	1153	1139	1127	1105	1077	1065
32 ACQUIRED, POST ACT,	5B1B	133	69	69	69	69	69	69	69	69	69
33 TOTAL DEDICATED RESOURCES		1347	1276	1271	1249	1222	1208	1196	1174	1146	1134
NONDEDICATED RESOURCES											
34 LG THRM, COLSTRIP 3 ND SHR		137	137	137	137	137	137	137	137	137	137
35 LG THRM, COLSTRIP 4 ND SHR		137	137	137	137	137	137	137	137	137	137
37 C.T.: FREDRICKSON		4	4	4	4	4	4	4	4	4	4
38 C.T.: FREDONIA		6	6	6	6	6	6	6	6	6	6
39 EXP: PSP&L TO PG&E,S PWR		-47	-47	-46	-47	-47	-47	-47	-47	-47	-47
40 IMP: PG&E TO PSP,SEA PWR		47	47	47	47	47	47	47	47	47	47
41 IMP: BC HYDRO TO PSP&L		2	2	2	2	2	2	2	2	2	2
42 C.O.: PSP&L TO BPA,WP3		-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
43 C.O.: PSP&L TO BPA, SALE		-29	-53	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		0	0	0	0	0	0	-51	-51	-51	-51
45 C.O.: PSP&L TO GHBR, CEN XC		0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PSP&L,WNP3		32	32	32	32	32	32	32	32	32	32
47 C.I.: PP&L TO PSP&L,PS2		120	120	120	120	120	120	120	120	30	0
48 C.I.: BPA TO PSP&L,BK HD		1	1	1	1	1	0	0	0	0	0
49 C.I.: BPA TO PSP&L,PS/PXC		75	75	75	75	75	75	51	51	51	51
50 C.I.: MPC TO PSP&L, COL 4		70	70	70	70	70	70	70	70	70	70
51 C.I.: N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3
52 C.I.: OTHER TO PSP&L,SP P		1	1	1	1	1	1	0	0	0	0
53 C.I.: SNOH TO PSP&L,SP PU		5	5	5	5	5	5	0	0	0	0
54 C.I.: WWP TO PSP&L, PS 2		75	75	75	75	75	62	37	10	0	0
55 NON-UTILITY GEN NON-DED SHR		620	620	619	612	612	612	612	612	612	612
56 TOTAL NONDEDICATED RES		1226	1202	1256	1247	1247	1233	1128	1101	1000	970
57 TOTAL RESOURCES		2573	2478	2527	2496	2469	2441	2324	2275	2146	2104

TABLE D-6

SHEET 1 OF 2

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
WASHINGTON WATER POWER DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO											
2 NOXON	5B1A	151	151	151	151	151	151	151	151	151	151
3 CABINET GORGE	5B1A	100	100	100	100	100	100	100	100	100	100
4 POST FALLS	5B1A	8	8	8	8	8	8	8	8	8	8
5 UPPER FALLS	5B1A	8	8	8	8	8	8	8	8	8	8
6 MONROE STREET	5B1A	10	10	10	10	10	10	10	10	10	10
7 NINE MILE	5B1A	12	12	12	12	12	12	12	12	12	12
8 LONG LAKE	5B1A	42	42	42	42	42	42	42	42	42	42
9 LITTLE FALLS	5B1A	18	18	18	18	18	18	18	18	18	18
10 WELLS SHARE	5B1A	14	14	14	14	14	14	14	14	14	14
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	17	17	17	17	17	17	17	17	17	17
13 WANAPUM SHARE	5B1A	34	34	34	34	34	34	34	34	34	34
14 PRIEST RAPIDS SHARE	5B1A	29	29	29	29	29	29	29	29	29	29
15 TOTAL HYDRO		444	444	444	444	444	444	444	444	444	444
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	187	187	189	188	189	189	187	180	189	188
17 TOTAL LARGE THERMAL		187	187	189	188	189	189	187	180	189	188
OTHER RESOURCES											
18 C.T.: NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54
EXPORTS											
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0
IMPORTS											
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS OUT											
23 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-2	-1	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-1	-4	-4	-4	-5	-6	-5
25 WWP TO PP&L,SANDPOINT	5B1A	-1	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-4	-3	-2	-2	-4	-4	-4	-5	-6	-5
CONTRACTS IN											
27 BPA TO WWP, SRP CAP SL	5B1B	0	0	0	0	0	0	0	0	0	0
28 CSPE PURCHASE	5B1A	13	13	12	9	5	5	5	3	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
30 RESTORATION	5B1A	8	8	8	8	8	8	8	8	8	8
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		21	21	20	17	13	13	13	11	8	8
TOTAL DEDICATED RESOURCES											
33 ACQUIRED PRIOR TO ACT,	5B1A	702	703	705	701	696	696	694	684	689	689
34 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		702	703	705	701	696	696	694	684	689	689
NONDEDICATED RESOURCES											
38 LG THRM, COLSTRIP 3 SHARE		93	93	93	94	94	93	93	93	93	94
39 LG THRM, COLSTRIP 4 SHARE		94	94	94	94	94	94	94	94	93	94
40 NON-UTLITY GENERATION		66	66	66	66	66	66	36	11	11	6
41 RENEW, KETTLE FALLS		34	34	34	34	34	34	34	34	34	34
42 IMP: PG&E TO WWP,SEA PWR XC		25	25	25	25	25	25	25	25	25	25
43 EXP.: WWP TO PG&E,SEA PWR XC		-25	-25	-24	-24	-24	-25	-24	-25	-25	-25
44 C.O.: WWP TO BPA,WNP3 S		-27	-27	-32	-32	-32	-32	-32	-32	-32	-32
45 C.O.: WWP TO BPA,DEF PWR X		-51	0	0	0	0	0	0	0	0	0
46 C.O.: WWP TO PP&L,PS		-40	-24	-7	0	0	0	0	0	0	0
47 C.O.: WWP TO PND OR, SALE		-9	-3	-3	0	0	0	0	0	0	0
48 C.O.: WWP TO PSP&L,PS 2		-75	-75	-75	-75	-75	-62	-37	-10	0	0
49 C.I.: BPA TO WWP,WNP1 OB		62	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO WWP, WNP3 S		27	27	32	32	32	32	32	32	32	32
51 C.I.: BPA TO WWP,DEF PWR X		2	23	28	29	26	0	0	0	0	0
52 NONDEDICATED RESOURCES		175	208	231	244	241	225	220	222	231	228
53 TOTAL RESOURCES		877	911	936	945	937	921	914	906	920	917

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999-00 AVG	2000-01 AVG	2001-02 AVG	2002-03 AVG	2003-04 AVG	2004-05 AVG
	CHELAN COUNTY PUD #1 DEDICATED RESOURCES											
	HYDRO INDEPENDENTS											
	REGULATED HYDRO											
1	ROCKY REACH SHARE	5B1A	45	45	45	45	45	45	45	45	45	45
2	ROCKY REACH SHARE	5B1B	44	44	44	44	44	44	44	44	44	44
3	ROCK ISLAND SHARE	5B1A	29	29	29	29	30	42	54	66	78	89
4	ROCK ISLAND SHARE	5B1B	53	58	63	68	72	73	73	73	73	73
5	CHELAN SHR, PROJ+CONT	5B1A	17	17	17	17	17	17	17	17	17	17
6	CHELAN CONTRACT	5B1B	23	23	23	23	23	23	23	23	23	23
7	TOTAL HYDRO		211	216	221	226	231	244	256	269	281	292
	LARGE THERMAL											
	OTHER RESOURCES											
	EXPORTS											
	IMPORTS											
	CONTRACTS OUT											
8	CHELAN TO DOUG,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0
9	CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-4	-3	-1	-1	-1	-1	0	0
10	CANADIAN ENTITL (CAN)	5B1A	0	0	0	-2	-5	-5	-5	-7	-10	-10
11	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
12	TOTAL CONTRACTS OUT		-4	-4	-4	-5	-6	-6	-6	-8	-10	-10
	CONTRACTS IN											
13	CSPE PURCHASE	5B1A	3	3	2	2	1	1	1	1	0	0
14	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
15	DOUG TO CHELAN,C/N XCH	5B1A	1	1	1	1	1	1	1	1	1	1
16	COLOCK TO CHEL,PK SALE	5B1A	0	0	0	0	0	0	0	0	0	0
17	TOTAL CONTRACTS IN		4	4	3	3	2	2	2	2	1	1
	TOTAL DEDICATED RESOURCES											
18	ACQUIRED PRIOR TO ACT,	5B1A	91	91	90	87	83	95	107	115	121	132
19	ACQUIRED, POST ACT,	5B1B	120	125	130	135	139	140	140	140	140	140
20	TOTAL DEDICATED RESOURCES		211	216	220	223	227	240	252	262	272	283

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
NONDEDICATED RESOURCES										
21 M HYDRO, ROCK ISLAND SHARE	10	9	9	10	10	10	10	10	10	9
22 C.O.: CHL TO PGE,C/N X	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 C.I.: PGE TO CHL,C/N X	3	4	3	4	3	4	4	4	3	4
24 TOTAL NONDEDICATED RES	11	11	11	11	12	11	11	11	11	11
25 TOTAL RESOURCES	223	227	231	235	239	252	264	274	282	294

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
REGULATED HYDRO											
1 WANAPUM SHARE	5B1A	11	11	11	11	11	11	11	11	11	11
2 PRIEST RAPIDS SHARE	5B1A	10	10	10	10	10	10	10	10	10	10
3 SWIFT 1 SHARE	5B1B	14	14	14	14	14	14	14	14	14	14
4 SWIFT 2 SHARE	5B1B	5	5	5	5	5	5	5	5	5	5
5 TOTAL HYDRO		40	40	40	40	40	40	40	40	40	40
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
6 CANADIAN ENTIT (CSPE)	5B1A	-1	0	0	0	0	0	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	-1	-1	-1
8 RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3
9 TOTAL CONTRACTS OUT		2	3	3	3	3	3	3	2	2	2
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	7	6	6	5	3	3	2	1	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		7	6	6	5	3	3	2	1	0	0
TOTAL DEDICATED RESOURCES											
13 ACQUIRED PRIOR TO ACT,	5B1A	30	30	30	29	27	27	26	23	22	22
14 ACQUIRED, POST ACT,	5B1B	19	19	19	19	19	19	19	19	19	19
15 TOTAL DEDICATED RESOURCES		49	49	49	48	46	46	45	43	42	42
NONDEDICATED RESOURCES											
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		49	49	49	48	46	46	45	43	42	42

TABLE D-9

DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
REGULATED HYDRO											
1 WELLS SHARE	5B1A	24	24	24	24	24	24	24	24	24	24
2 WELLS SHARE	5B1B	60	60	60	60	60	60	60	60	60	60
3 ROCKY REACH SHARE	5B1A	16	16	16	16	16	16	16	16	16	16
4 TOTAL HYDRO		100	100	100	100	100	100	100	100	100	100
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
5 CANADIAN ENTIT (CSPE)	5B1A	-4	-3	-4	-2	-1	-1	-1	-1	0	0
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-2	-6	-5	-5	-7	-9	-9
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-5	-4	-5	-5	-8	-7	-7	-9	-10	-10
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	1	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
12 CHEL TO DOUG,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		1	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
14 ACQUIRED PRIOR TO ACT,	5B1A	36	36	35	33	26	28	28	24	21	21
15 ACQUIRED, POST ACT,	5B1B	60	60	60	60	60	60	60	60	60	60
16 TOTAL DEDICATED RESOURCES		96	96	95	95	92	93	93	91	90	90
NONDEDICATED RESOURCES											
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		96	96	95	95	92	93	93	91	90	90

TABLE D-10

SHEET 1 OF 2

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 LEABURG	5B1A	9	9	9	9	9	9	9	9	9	9
2 WATERVILLE	5B1A	5	5	5	5	5	5	5	5	5	5
REGULATED HYDRO											
3 CARMEN-SMITH	5B1A	16	16	16	16	16	16	16	16	16	16
4 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4
5 WANAPUM DED SHARE	5B1A	8	8	8	8	8	8	8	8	8	8
6 PRIEST RAPIDS DED SHR	5B1A	7	7	7	7	7	7	7	7	7	7
7 TOTAL HYDRO		49	49	49	49	49	49	49	49	49	49
LARGE THERMAL											
OTHER RESOURCES											
8 NON-UTILITY GENERATION	5B1B	9	34	61	68	68	68	68	68	68	68
9 TOTAL OTHER RESOURCES		9	34	61	68	68	68	68	68	68	68
EXPORTS											
IMPORTS											
CONTRACTS OUT											
10 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	-1	-1
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	-1	-1
CONTRACTS IN											
14 CSPE PURCHASE	5B1A	14	14	13	10	6	5	5	3	0	0
15 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
16 TOTAL CONTRACTS IN		14	14	13	10	6	5	5	3	0	0
TOTAL DEDICATED RESOURCES											
17 ACQUIRED PRIOR TO ACT,	5B1A	63	63	62	59	55	54	54	52	48	48
18 ACQUIRED, POST ACT,	5B1B	9	34	61	68	68	68	68	68	68	68
19 TOTAL DEDICATED RESOURCES		72	97	123	127	123	122	122	120	116	116

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
NONDEDICATED RESOURCES										
20 M HYDRO, WANAPUM SHARE	2	2	2	2	2	2	2	2	2	2
21 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	1	1	1	1
22 COGEN, WEYCO ENERGY CTR	14	14	14	14	14	14	14	14	14	14
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	17	17	17	17	17	17	17	17	17	17
25 TOTAL RESOURCES	89	114	140	144	140	139	139	137	133	133

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
GRANT COUNTY PUD #2 DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
REGULATED HYDRO											
1 WANAPUM SHARE	5B1A	76	76	76	76	76	76	76	76	76	76
2 WANAPUM SHARE	5B1B	62	62	62	62	62	62	62	62	62	62
3 PRIEST RAPIDS SHARE	5B1A	90	90	90	90	90	90	90	90	90	90
4 PRIEST RAPIDS DED SHR	5B1B	64	64	64	64	64	64	64	64	64	64
5 TOTAL HYDRO		292	292	292	292	292	292	292	292	292	292
LARGE THERMAL											
OTHER RESOURCES											
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0
EXPORTS											
IMPORTS											
CONTRACTS OUT											
8 CANADIAN ENTIT (CSPE)	5B1A	-6	-6	-6	-5	-3	-3	-3	-2	0	0
9 CANADIAN ENTITL (CAN)	5B1A	0	0	-2	-5	-10	-10	-10	-13	-18	-18
10 RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
11 CNT OUT, GRT TO PP&L,PS	5B1B	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
12 TOTAL CONTRACTS OUT		-19	-19	-21	-23	-26	-26	-26	-28	-31	-31
CONTRACTS IN											
13 CSPE PURCHASE	5B1A	1	1	1	1	0	0	0	0	0	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		1	1	1	1	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
16 ACQUIRED PRIOR TO ACT,	5B1A	158	158	154	149	140	140	140	135	127	127
17 ACQUIRED, POST ACT,	5B1B	116	116	116	116	116	116	116	116	116	116
18 TOTAL DEDICATED RESOURCES		274	274	272	270	266	266	266	264	261	261

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
NONDEDICATED RESOURCES										
19 M HYDRO, WANAPUM SHARE	15	15	15	15	15	15	15	15	15	15
20 M HYDRO, PRIEST RAPIDS	17	17	17	17	17	17	17	17	17	17
21 NON-UTIITY GENERATION	7	7	7	7	7	7	7	7	7	7
21 TOTAL NONDEDICATED RES	39	39	39	39	39	39	39	39	39	39
22 TOTAL RESOURCES	313	313	311	309	305	305	305	303	300	300

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CALISPEL CREEK	5B1A	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO											
2 BOX CANYON DED SHARE	5B1A	17	17	17	17	17	20	20	20	20	20
3 TOTAL HYDRO		17	17	17	17	17	20	20	20	20	20
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-12	-12	-12	-12	-12	-9	-9	-9	-9	-9
6 TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-9	-9	-9	-9	-9
CONTRACTS IN											
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
9 ACQUIRED PRIOR TO ACT,	5B1A	5	5	5	5	5	11	11	11	11	11
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		5	5	5	5	5	11	11	11	11	11
NONDEDICATED RESOURCES											
12 RHYD: BOX CANYON AF ENC.PD		34	34	34	34	34	31	31	31	31	31
13 C.I.: SCL TO PEND O ,PWR SA		27	27	27	27	27	31	31	31	31	31
14 C.I.: WWP TO PEND O ,PWR SA		9	3	3	0	0	0	0	0	0	0
15 TOTAL NONDEDICATED RES		71	65	65	62	62	62	62	62	62	62
16 TOTAL RESOURCES		75	70	70	66	66	73	73	73	73	73

TABLE D-13

SHEET 1 OF 2

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
SEATTLE CITY LIGHT DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CEDAR FALLS,NEWHALEM	5B1A	9	9	9	9	9	9	9	9	9	9
2 SOUTH FORK TOLT	5B1B	6	6	6	6	6	6	6	6	6	6
REGULATED HYDRO											
3 ROSS	5B1A	72	72	72	72	72	72	72	72	72	72
4 DIABLO	5B1A	81	81	81	81	81	81	81	81	81	81
5 GORGE	5B1A	93	93	93	93	92	93	93	93	93	93
6 BOUNDARY	5B1A	342	342	342	342	342	342	342	342	342	342
7 BOUNDARY EXPANSION	5B1B	17	17	17	17	17	17	17	17	17	17
8 PRIEST RADIPS SHARE	5B1A	37	37	37	37	37	37	37	37	37	37
9 TOTAL HYDRO		657	657	657	657	656	657	657	657	657	657
LARGE THERMAL											
10 CENTRALIA SHARE	5B1A	100	100	101	101	101	101	100	97	101	101
11 TOTAL LARGE THERMAL		100	100	101	101	101	101	100	97	101	101
OTHER RESOURCES											
12 NON-UTILITY GENERATION		65	65	65	65	65	65	65	65	65	65
EXPORTS											
IMPORTS											
13 BC TO SCL,ROSS RPLC	5B1B	36	36	36	36	36	36	36	36	36	36
14 TOTAL IMPORTS		36	36	36	36	36	36	36	36	36	36
CONTRACTS OUT											
15 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	0	0	0	0	0	0	0
16 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-1	-1	-1	-1	-1	-2	-2
17 SCL TO PEND O, PS	5B1A	-27	-27	-27	-27	-27	-31	-31	-31	-31	-31
18 RESTORATION	5B1A	2	2	2	2	2	2	2	2	2	2
19 TOTAL CONTRACTS OUT		-26	-26	-26	-26	-26	-30	-30	-30	-31	-31

TABLE D-13 (CONTINUED)

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

OPERATING YEAR

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
CONTRACTS IN											
20 CSPE PURCHASE	5B1A	33	31	30	22	13	12	12	8	0	0
21 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
22 PEND 0 TO SCL,PWR SALE	5B1A	12	12	12	12	12	9	9	9	9	9
23 TOTAL CONTRACTS IN		45	43	42	34	25	21	21	17	9	9
TOTAL DEDICATED RESOURCES											
24 ACQUIRED PRIOR TO ACT,	5B1A	753	751	751	743	733	726	725	718	713	713
25 ACQUIRED, POST ACT,	5B1B	124	124	124	124	124	124	124	124	124	124
26 TOTAL DEDICATED RESOURCES		876	874	874	866	856	850	849	842	837	837
NONDEDICATED RESOURCES											
27 SM THRM & MISC, BOUNDARY		0	0	0	0	0	0	0	0	0	0
28 IMP: NCPA TO SCL, EXCHANGE		12	12	12	12	12	12	12	12	12	12
28 IMP: PG&E TO SCL, EXCHANGE		15	15	15	15	15	15	15	15	9	0
29 EXP: SCL TO NCPA, EXCHANGE		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
29 EXP: SCL TO PG&E, EXCHANGE		-15	-15	-15	-14	-15	-14	-15	-14	-9	0
30 C.O.: SCL TO ID, NRG SALE		-14	-14	-14	-14	-14	-14	-14	-14	-6	0
31 C.O.: SCL TO TCL, EXCHAGE		-4	-4	-4	-4	-4	-4	-4	-4	-4	0
32 C.I.: ID TO SCL, NRG SALE		15	15	15	15	15	15	15	15	0	0
33 C.I.: TCL TO SCL, EXCHANGE		4	4	4	4	4	4	4	4	4	0
34 TOTAL NONDEDICATED RES		2	2	2	3	2	3	2	3	-4	2
35 TOTAL RESOURCES		879	877	877	870	859	853	851	845	833	839

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 JACKSON	5B1B	41	41	41	41	41	41	41	41	41	41
REGULATED HYDRO											
TOTAL HYDRO		41	41	41	41	41	41	41	41	41	41
LARGE THERMAL											
2 CENTRALIA SHARE	5B1B	99	99	100	100	100	100	99	96	100	100
3 TOTAL LARGE THERMAL		99	99	100	100	100	100	99	96	100	100
OTHER RESOURCES											
4 NON-UTILITY GEN	5B1B	0	0	0	0	0	0	0	0	0	0
5 SCOTT PAPER, COGEN	5B1B	19	15	2	2	2	2	2	2	2	2
6 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0
EXPORTS											
IMPORTS											
CONTRACTS OUT											
CONTRACTS IN											
7 CSPE PURCHASE	5B1A	4	4	4	3	1	2	1	1	0	0
8 TOTAL CONTRACTS IN		4	4	4	3	1	2	1	1	0	0
TOTAL DEDICATED RESOURCES											
9 ACQUIRED PRIOR TO ACT,	5B1A	4	4	4	3	1	2	1	1	0	0
10 ACQUIRED, POST ACT,	5B1B	140	140	141	141	141	141	140	137	141	141
11 TOTAL DEDICATED RESOURCES		144	144	145	144	142	143	141	138	141	141
NONDEDICATED RESOURCES											
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		-5	-5	-5	-5	-5	-5	0	0	0	0
14 EXP: SNOH TO SMUD, PS		0	-16	-29	-29	-29	-29	-29	-29	-29	-29
15 COGEN, SCOTT PAPER		0	16	29	29	29	29	29	29	29	29
16 TOTAL NONDEDICATED RES		-5	-5	-5	-5	-5	-5	0	0	0	0
17 TOTAL RESOURCES		139	139	140	139	137	138	141	138	141	141

TABLE D-15

SHEET 1 OF 2

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 WYNOCHEE	5B1B	4	4	4	4	4	4	4	4	4	4
REGULATED HYDRO											
2 CUSHMAN 1	5B1A	12	12	12	12	12	12	12	12	12	12
3 CUSHMAN 2	5B1A	20	20	20	20	20	20	20	20	20	20
4 ALDER	5B1A	20	20	20	20	20	20	20	20	20	20
5 LA GRANDE	5B1A	33	33	33	33	33	33	33	33	33	33
6 MOSSYROCK	5B1A	83	83	83	83	83	83	83	83	83	83
7 MAYFIELD	5B1A	65	65	65	65	65	65	65	65	65	65
8 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0
9 PRIEST RAPIDS SHARE	5B1A	38	38	38	38	38	38	38	38	38	38
10 TOTAL HYDRO		275	275	275	275	275	275	275	275	275	275
LARGE THERMAL											
11 CENTRALIA SHARE	5B1B	100	100	101	101	101	101	100	97	101	101
12 TOTAL LARGE THERMAL		100	100	101	101	101	101	100	97	101	101
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
13 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	0	0	0	0	0	0
14 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-1	-1	-1	-1	-1	-2	-2
15 TOTAL CONTRACTS OUT		-1	-1	-1	-2	-1	-1	-1	-1	-2	-2
CONTRACTS IN											
16 CSPE PURCHASE	5B1B	18	18	18	17	13	12	12	8	0	0
17 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		18	18	18	17	13	12	12	8	0	0
TOTAL DEDICATED RESOURCES											
20 ACQUIRED PRIOR TO ACT,	5B1A	274	274	274	273	274	274	274	274	273	273
21 ACQUIRED, POST ACT,	5B1B	122	122	123	122	118	117	116	109	105	105
22 TOTAL DEDICATED RESOURCES		392	392	393	391	388	387	386	379	374	374

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
NONDEDICATED RESOURCES										
23 IHYD: HOOD STREET	1	1	1	1	1	1	1	1	1	1
24 EXP: TCL TO WAPA,PWR SALE	-40	-41	-40	-41	-40	-41	-41	-41	-40	-21
25 C.O.: TCL TO SCL, EXCHANGE	-4	-4	-4	-4	-4	-4	-4	-4	-4	0
26 C.I.: SCL TO TCL, EXCHANGE	4	4	4	4	4	4	4	4	4	0
27 COGEN, STEAM PLANT 2	20	20	20	20	20	20	20	20	20	20
28 CSPE PURCHASE	15	13	11	.5	0	0	0	0	0	0
29 TOTAL NONDEDICATED RES	-5	-8	-9	-15	-19	-20	-20	-20	-19	0
30 TOTAL RESOURCES	388	385	385	376	369	367	366	359	355	374

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES										
HYDRO INDEPENDENTS										
1 GEM STATE HYDRO CIDFL 5B1B	14	14	14	14	14	14	14	14	14	14
2 ISLAND PARK FLRV 5B1B	5	5	5	5	5	5	5	5	5	5
3 MILL CREEK LEWIS 5B1B	0	0	0	0	0	0	0	0	0	0
4 MORSE CREEK PRT ANGLS 5B1B	0	0	0	0	0	0	0	0	0	0
5 MOYIE SPRINGS BONNFY 5B1A	2	2	2	2	2	2	2	2	2	2
6 REEDER GULCH ASHLND 5B1B	0	0	0	0	0	0	0	0	0	0
7 SODA CREEK SODA SPR 5B1B	0	0	0	0	0	0	0	0	0	0
8 YELM CENTRAL 5B1A	9	9	9	9	9	9	9	9	9	9
9 STRAWBERRY LOW VAL 5B1A	2	2	2	2	2	2	2	2	2	2
REGULATED HYDRO										
10 WELLS OKANOGAN SHARE 5B1A	6	6	6	6	6	6	6	6	6	6
11 WELLS OKANOGAN SHARE 5B1B	24	24	24	24	24	24	24	24	24	24
12 WANAPUM F GROVE SHARE 5B1A	3	3	3	3	3	3	3	3	3	3
13 WANAPUM MCMINN SHARE 5B1A	3	3	3	3	3	3	3	3	3	3
14 WANAPUM M FREE SHARE 5B1A	3	3	3	3	3	3	3	3	3	3
15 PRIEST R. F GROVE SHR 5B1A	2	2	2	2	2	2	2	2	2	2
16 PRIEST R. MCMINN SHARE 5B1A	2	2	2	2	2	2	2	2	2	2
17 PRIEST R. M FREE SHARE 5B1A	2	2	2	2	2	2	2	2	2	2
18 PRIEST R. KITATS SHARE 5B1A	2	2	2	2	2	2	2	2	2	2
19 TOTAL HYDRO	79	79	79	79	79	79	79	79	79	79
LARGE THERMAL										
57 LG THM, CENTRALIA GH 5B1B	50	50	51	50	51	51	50	48	51	50
23 TOTAL LARGE THERMAL	50	50	51	50	51	51	50	48	51	50
OTHER RESOURCES										
20 C.T., COGENTRIX CLRK 5B1B	0	0	185	202	202	202	202	202	202	202
21 RENEW, SHORT MT EMRLD 5B1B	3	3	3	4	4	4	4	4	4	4
22 NON-UTILITY GEN 5B1B	13	15	15	39	44	44	44	44	44	44
23 TOTAL OTHER RESOURCES	16	18	203	245	250	250	250	250	250	250
EXPORTS										
24 CIDFL TO UTAH,GEM ST HY5B1B	-4	-4	-4	-4	-4	-4	-4	-4	-5	-4
25 TOTAL EXPORTS	-4	-4	-4	-4	-4	-4	-4	-4	-5	-4

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS		OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
IMPORTS											
CONTRACTS OUT											
CANADIAN ENTITLEMENT RETURN FOR CSPE											
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE											
33 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	-1	-1	-1	-1	-1	-1	-1	0	0	0
CANADIAN ENTITLEMENT RETURN TO CANADA											
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	-1	-1
43 WELLS OKANOG CER	5B1B	0	0	0	-1	-2	-2	-2	-2	-2	-2
44 TOTAL CONTRACTS OUT		-1	-1	-1	-2	-3	-3	-3	-2	-3	-3
CONTRACTS IN											
45 CSPE PURCHSE	5B1A	36	35	33	24	14	14	13	9	0	0
46 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
47 BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0
48 BPA TO CLK,PKWD LAKE	5B1B	0	0	0	0	0	0	0	0	0	0
49 IDA TO OR TRAIL, SALE	5B1B	8	8	8	7	0	0	0	0	0	0
50 PSPL TO GHBR, CEN XCHG	5B1B	0	0	0	0	0	0	0	0	0	0
51 TOTAL CONTRACTS IN		45	44	42	32	14	14	13	9	0	0
TOTAL DEDICATED RESOURCES											
52 ACQUIRED PRIOR TO ACT,	5B1A	72	71	69	60	50	50	49	45	36	36
53 ACQUIRED, POST ACT,	5B1B	112	115	301	340	337	337	336	335	337	337
54 TOTAL DEDICATED RESOURCES		184	186	370	400	387	387	385	380	372	372

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

MEGAWATTS	OPERATING YEAR 1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG
NONDEDICATED RESOURCES										
55 IHYD: THE DALLES FSH NWSCO	3	3	3	3	3	3	3	3	3	3
56 IHYD: MCNARY FISHWAY NWSCO	0	6	7	7	7	7	7	7	7	7
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	0	-6	-7	-7	-7	-7	-7	-7	-7	-7
61 C.O.: N WASCO TO PSP&L	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	0	0	0	0	0	0	0
63 C.O.: LCPD TO PSPL, SP	-1	-1	-1	-1	-1	-1	0	0	0	0
64 TOTAL NONDEDICATED RES	-1	-1	-1	-1	-1	-1	0	0	0	0
65 TOTAL RESOURCES	183	185	369	399	386	386	385	380	372	372

SECTION VII - LOADS AND RESOURCES TABLES OF THE NORTHWEST REGION BY MAJOR SUPPLY GROUPS

Monthly Energy Analysis

Section VII: Loads and Resources Tables of the Northwest Region by Major Supply Groups (for OYs 1995-96, 1999-2000, and 2004-05)	Table	Page
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TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS																	
1	SYSTEM FIRM LOADS	1/	18640	18640	18122	18887	20909	22455	23265	22260	20825	19552	19552	18945	18936	19116	20159
2	EXPORTS	3/	1779	1779	1734	1238	1122	1086	1052	1023	1002	1008	1045	1165	1693	1796	1310
3	FEDERAL DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	FIRM LOADS		20419	20419	19856	20125	22031	23541	24317	23283	21827	20560	20597	20110	20629	20912	21469
INTERRUPTIBLE LOADS																	
5	REGIONAL INTER. LOADS	2/	233	233	233	233	239	236	239	633	632	631	631	631	631	628	433
6	TOTAL LOADS		20652	20652	20089	20358	22269	23777	24556	23917	22459	21192	21229	20741	21259	21540	21902
HYDRO RESOURCES																	
7	REGULATED HYDRO	5/	9782	9934	9375	9598	11115	12039	11022	11019	10511	11884	16984	15886	14063	11659	11715
8	INDEPENDENT HYDRO	6/	1033	975	917	898	905	1104	869	1194	984	1019	1045	1089	1068	1001	1005
9	MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	-2911	0	0	-243
10	JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	-1813	0	-151
11	SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO		10815	10909	10292	10496	12020	13143	11891	12213	11495	12903	18029	14064	13318	12660	12327
OTHER RESOURCES																	
13	SMALL THERMAL & MISC	9/	71	71	70	66	72	68	65	62	59	75	79	54	12	84	63
14	COMBUSTION TURBINES	10/	543	543	543	543	692	687	687	701	543	543	140	222	487	543	544
15	RENEWABLES	11/	47	47	47	47	47	47	47	47	47	30	30	3	3	30	37
16	COGENERATION	12/	51	51	267	267	267	260	294	294	294	305	305	305	255	298	263
17	IMPORTS	13/	1829	1829	1573	1529	1865	2209	2204	2170	1512	1391	1293	1243	1575	1746	1733
18	CENTRALIA		1295	1295	1295	1295	1295	1295	1295	1295	1295	824	652	1252	1295	1295	1245
19	JIM BRIDGER		635	635	635	635	635	635	635	553	328	339	538	636	635	635	586
20	COLSTRIP 1 & 2		358	358	356	348	348	340	335	328	334	183	314	238	354	383	331
21	BOARDMAN		426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
22	VALMY		202	202	202	202	202	202	202	202	160	202	202	160	202	202	195
23	COLSTRIP 3		528	528	527	521	521	515	510	506	510	534	324	311	525	546	496
24	WNP 2		983	983	983	983	983	983	983	983	983	983	0	0	491	983	819
25	COLSTRIP 4		657	657	657	657	657	657	657	657	656	656	394	381	657	657	623
26	FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NON-UTILITY GENERATION	15/	1136	1139	1059	954	920	902	926	947	974	1111	1112	839	1151	1223	1012
28	TOTAL RESOURCES		19576	19673	18932	18969	20950	22369	21157	21384	19616	20505	23838	19777	21258	21711	20660

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESERVES AND MAINTENANCE															
29 HYD, SM THRM & MISC RES 16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 LARGE THERMAL RESERVES 17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 BPA SPINNING RESERVES 18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 DSI RESERVES 19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 HYDRO MAINTENANCE 20/	-31	-25	-9	-9	-4	0	0	0	-5	-7	-8	-20	-15	-50	-12
34 NET RESOURCES	19545	19648	18923	18960	20946	22369	21157	21384	19611	20497	23830	19757	21243	21661	20648
SURPLUS/DEFICITS															
35 FIRM SURPLUS/DEFICIT	-874	-771	-933	-1165	-1084	-1172	-3160	-1900	-2216	-63	3233	-353	614	749	-821
36 TOTAL SURPLUS/DEFICIT	-1107	-1004	-1165	-1398	-1323	-1408	-3399	-2533	-2848	-694	2602	-984	-17	121	-1255
37 EXTREME WEATHER ADJ. 21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.	-874	-771	-933	-1165	-1084	-1172	-3160	-1900	-2216	-63	3233	-353	614	749	-821
39 TOTAL S/D W/EXT WTHR. ADJ.	-1107	-1004	-1165	-1398	-1323	-1408	-3399	-2533	-2848	-694	2602	-984	-17	121	-1255

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS																	
1	SYSTEM FIRM LOADS	1/	19726	19726	19196	19915	21957	23539	24293	23283	21798	20485	20485	19866	19877	20066	21167
2	EXPORTS	3/	1960	1960	1929	1534	1408	1369	1367	1333	1310	1317	1353	1349	1895	2005	1566
3	FEDERAL DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	FIRM LOADS		21686	21686	21125	21449	23365	24908	25660	24616	23108	21802	21838	21215	21772	22071	22733
INTERRUPTIBLE LOADS																	
5	REGIONAL INTER. LOADS	2/	630	630	629	629	630	622	624	629	628	627	627	625	625	618	626
6	TOTAL LOADS		22315	22315	21754	22078	23995	25530	26285	25245	23735	22428	22464	21841	22397	22689	23359
HYDRO RESOURCES																	
7	REGULATED HYDRO	5/	9794	9946	9375	9605	11123	12048	11037	11034	10526	11882	16981	15890	14068	11659	11722
8	INDEPENDENT HYDRO	6/	1052	994	924	912	920	1118	886	1211	1003	1024	1051	1099	1078	1009	1018
9	MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	-2907	0	0	-242
10	JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	-1941	0	-162
11	SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO		10846	10940	10299	10517	12043	13166	11923	12245	11529	12906	18032	14082	13205	12668	12337
OTHER RESOURCES																	
13	SMALL THERMAL & MISC	9/	82	82	70	73	82	77	78	74	69	74	78	57	12	84	69
14	COMBUSTION TURBINES	10/	746	746	746	746	894	889	889	904	746	746	342	425	689	746	747
15	RENEWABLES	11/	48	48	48	48	48	48	48	48	48	30	30	4	4	30	38
16	COGENERATION	12/	305	305	294	294	294	287	294	294	294	305	305	235	240	298	286
17	IMPORTS	13/	1513	1513	1281	1239	1693	1799	1850	1809	1266	1146	1125	973	1478	1617	1471
18	CENTRALIA		1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	901	1060	1295	1295	1259
19	JIM BRIDGER		635	635	635	636	635	635	635	600	477	455	476	614	636	635	603
20	COLSTRIP 1 & 2		380	380	357	362	361	353	354	347	353	182	312	242	359	384	342
21	BOARDMAN		426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
22	VALMY		202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
23	COLSTRIP 3		544	544	527	531	530	524	525	520	524	532	323	313	529	547	503
24	WNP 2		1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	0	0	505	1054	845
25	COLSTRIP 4		657	657	657	657	657	657	657	657	657	657	394	381	657	657	623
26	FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NON-UTILITY GENERATION	15/	1290	1293	1209	1360	1333	1322	1306	1334	1362	1241	1242	952	1280	1349	1278
28	TOTAL RESOURCES		19979	20076	19056	19396	21503	22690	21492	21765	20216	21207	24175	19569	21389	21992	20982

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESERVES AND MAINTENANCE															
29 HYD, SM THRM & MISC RES 16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 LARGE THERMAL RESERVES 17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 BPA SPINNING RESERVES 18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 DSI RESERVES 19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 HYDRO MAINTENANCE 20/	-31	-26	-9	-9	-4	0	0	0	-5	-7	-8	-20	-15	-50	-12
34 NET RESOURCES	19948	20051	19047	19387	21499	22690	21492	21765	20211	21200	24168	19549	21374	21941	20970
SURPLUS/DEFICITS															
35 FIRM SURPLUS/DEFICIT	-1737	-1635	-2078	-2062	-1866	-2218	-4168	-2850	-2897	-602	2330	-1666	-398	-129	-1763
36 TOTAL SURPLUS/DEFICIT	-2367	-2265	-2707	-2691	-2496	-2840	-4792	-3480	-3525	-1228	1704	-2291	-1023	-747	-2389
37 EXTREME WEATHER ADJ. 21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.	-1737	-1635	-2078	-2062	-1866	-2218	-4168	-2850	-2897	-602	2330	-1666	-398	-129	-1763
39 TOTAL S/D W/EXT WTHR. ADJ.	-2367	-2265	-2707	-2691	-2496	-2840	-4792	-3480	-3525	-1228	1704	-2291	-1023	-747	-2389

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS																	
1	SYSTEM FIRM LOADS	1/	20859	20859	20299	21017	23107	24736	25535	24448	22972	21604	21604	20981	21012	21256	22319
2	EXPORTS	3/	2087	2087	2067	1680	1579	1534	1398	1373	1361	1363	1363	1348	1849	1971	1634
3	FEDERAL DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	FIRM LOADS		22946	22946	22366	22697	24686	26270	26933	25821	24333	22967	22967	22329	22861	23227	23953
INTERRUPTIBLE LOADS																	
5	REGIONAL INTER. LOADS	2/	620	620	620	621	622	615	618	623	622	622	622	621	621	618	620
6	TOTAL LOADS		23566	23566	22986	23318	25308	26885	27551	26445	24955	23588	23588	22950	23482	23845	24573
HYDRO RESOURCES																	
7	REGULATED HYDRO	5/	9790	9942	9371	9602	11118	12043	11031	11028	10521	11876	16975	15883	14061	11656	11717
8	INDEPENDENT HYDRO	6/	1048	990	920	907	917	1114	883	1208	999	1020	1046	1095	1075	1005	1015
9	MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	-2390	0	0	-199
10	JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	-1414	0	-118
11	SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO		10838	10932	10291	10509	12035	13157	11914	12236	11520	12896	18021	14588	13722	12661	12415
OTHER RESOURCES																	
13	SMALL THERMAL & MISC	9/	78	78	66	69	78	74	74	71	65	70	74	53	12	81	66
14	COMBUSTION TURBINES	10/	746	746	746	746	894	889	889	904	746	746	342	425	689	746	747
15	RENEWABLES	11/	49	49	49	49	49	49	49	49	49	31	31	4	4	31	38
16	COGENERATION	12/	305	305	294	294	294	287	258	258	258	269	269	200	204	262	265
17	IMPORTS	13/	1339	1339	886	950	1357	1686	1751	1719	1221	1127	1106	1172	1375	1511	1340
18	CENTRALIA		1295	1295	1295	1295	1295	1295	1295	1295	1295	643	980	1295	1295	1295	1255
19	JIM BRIDGER		635	635	635	635	635	635	635	569	476	614	635	636	636	635	616
20	COLSTRIP 1 & 2		373	372	349	355	354	346	347	340	346	178	305	236	352	377	335
21	BOARDMAN		426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
22	VALMY		202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
23	COLSTRIP 3		538	538	521	525	524	519	520	514	519	526	319	310	523	542	498
24	WNP 2		1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	0	0	527	1054	878
25	COLSTRIP 4		657	657	657	657	657	656	657	657	657	656	394	381	657	657	623
26	FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NON-UTILITY GENERATION	15/	1227	1230	1145	1297	1268	1255	1239	1267	1293	1173	1174	907	1234	1284	1216
28	TOTAL RESOURCES		19762	19858	18616	19063	21122	22530	21310	21561	20085	20611	24265	20438	21730	21764	20872

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESERVES AND MAINTENANCE																
29 HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 BPA SPINNING RESERVES	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 DSI RESERVES	19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 HYDRO MAINTENANCE	20/	-31	-26	-9	-9	-4	0	0	0	-5	-7	-8	-20	-15	-50	-12
34 NET RESOURCES		19731	19833	18607	19054	21118	22530	21310	21561	20080	20604	24258	20418	21715	21714	20860
SURPLUS/DEFICITS																
35 FIRM SURPLUS/DEFICIT		-3214	-3113	-3759	-3643	-3567	-3740	-5623	-4260	-4253	-2363	1291	-1910	-1146	-1514	-3093
36 TOTAL SURPLUS/DEFICIT		-3835	-3733	-4379	-4264	-4190	-4355	-6241	-4884	-4875	-2984	669	-2531	-1767	-2132	-3713
37 EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.		-3214	-3113	-3759	-3643	-3567	-3740	-5623	-4260	-4253	-2363	1291	-1910	-1146	-1514	-3093
39 TOTAL S/D W/EXT WTHR. ADJ.		-3835	-3733	-4379	-4264	-4190	-4355	-6241	-4884	-4875	-2984	669	-2531	-1767	-2132	-3713

PACIFIC NORTHWEST REGIONAL FOOTNOTES

Regional Table 1

1. Firm loads for the region include the sum of the estimated firm loads of Federal agencies, public agencies, direct service industries (DSIs), investor-owned utilities (IOUs), and associated transmission losses. Peak loads represent non-coincidental capacity demands adjusted to account for Federal system diversity; they are based on the prediction of normal weather and have a 50-percent chance of being exceeded.
2. Total loads for the region include system firm loads, plus BPA's nonfirm loads, which include industrial top-quartile loads, associated transmission losses, and Utah Power Company's interruptible load.
3. Exports from the region by Northwest utilities include BPA's surplus firm power sales to the cities of Burbank, Glendale, Pasadena, Sacramento Municipal Utility District, San Diego Gas and Electric, and Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's environmental storage agreement with Southern California Edison; BPA's optional capacity agreement with Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; BPA's Northwest-Southwest Intertie losses; Idaho Power Company's power sales to Sierra Pacific, the cities of Azusa, Banning, and Colton in California, the city of Washington in Utah, and Utah Associated Municipal Power Systems (UAMPS); Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, and power sales to the California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and the Western Area Power Administration (WAPA); Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and WAPA, and seasonal power exchange deliveries to Southern California Edison; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric; the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Northern California Public Agencies; and Snohomish County Public Utility District's seasonal power exchange

with Sacramento Municipal Utility District, and Tacoma Public Utilities' power sale to WAPA.

Also included in exports are resources purchased by utilities outside the region. These include WAPA's purchase of the output of Longview Fibre, 14.2 percent of the Boardman coal plant sold to San Diego Gas and Electric, and 10 percent of the Boardman coal plant sold to the City of Turlock, CA.

4. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility allocation requirements. This is because all peaking electrical loads do not occur simultaneously throughout the region.
5. Regulated hydro includes those hydro dams where the firm energy generation of the dam is affected by the release of stored water from upstream reservoirs. Regulated hydro generation is determined by completing a hydro regulation study of the Pacific Northwest hydro system.
6. Independent hydro includes those hydro dams where no reservoirs exist upstream to release stored water and the firm energy is based on fixed historical flows. Hydro independents are not changed as a part of the hydro regulation study.
7. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
8. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
9. Small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; Idaho Power Company's Energy Management System; Portland General Electric's Summit units; Puget Sound Power and Light's Crystal Mountain and Shuffleton; Montana Power Company's portion of Corette and Bird in the region; and Seattle City Light's Boundary.
10. Combustion turbines include Clark County Public Utility's Cogentrix; Idaho Power Company's Wood River; Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia units; and Washington Water Power's Northeast units.
11. Renewables include Emerald County PUD's Short Mountain; and Washington Water Power's Kettle Falls.
12. Cogeneration includes Eugene Water and Electric Board's WEYCO Energy Center; Snohimish County PUD's Scott Paper; and Portland General Electric's Coyote Springs. Longview Fibre output is sold outside the region to WAPA.
13. Imports include exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; exchange energy from the M-S-R Public Power Agency after their surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; deferred energy returns from Sacramento Municipal Utility District and San Diego Gas and Electric; exchange energy returned from San Diego Gas and Electric; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load;

Power purchases from Basin Electric Cooperative and Powerex (TransAlta); seasonal power exchange deliveries to BPA from the cities of Pasadena and Riverside; environmental storage returns to BPA from Southern California Edison; Pacific Power and Light transfers from their Wyoming division and seasonal power exchange deliveries to Portland General Electric from Southern California Edison; power sale deliveries to Puget Sound Power and Light from BC Hydro, and seasonal power exchange deliveries from Pacific Gas & Electric and from Puget Sound Power and Light to Seattle City Light; Utah Power Company's intra-company transfer; seasonal power exchange deliveries to Washington Water Power from Pacific Gas and Electric; power deliveries to Seattle City Light from BC Hydro for Ross replacement; seasonal power exchange deliveries from Northern California Public Agencies to Seattle City Light; and BC Hydro's delivery of power to BPA for the Portland General Electric inter-company pool.

14. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on-line, they will be included in the loads and resources balance.
15. Non-utility generation (NUG) resources include generation provided to utilities by independent power producers and resources included under the Public Utility Regulatory Policies Act (PURPA). This study included 189 individual NUGs.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the capacity of these resources for all utilities in the region.
17. Large thermal reserves requirements are estimated at 15 percent of the total capacity of the Pacific Power and Light thermal import into the region plus the large thermal resources owned by utilities in the region.
18. Federal spinning reserves equal the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
19. Direct service industry reserve requirements are estimated at one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal, whichever is smaller.
20. Hydro maintenance is the sum of individual Federal system, public agency, and IOU hydro project maintenance, based on the average of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
21. Extreme weather adjustment is the sum of all utility load responses with Pacific Northwest cold weather, and has a 5-percent chance of being exceeded.

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TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	FEDERAL AGENCIES		142	142	135	139	147	163	157	157	150	139	139	133	132	141	145
2	FEDERAL & GEN PUBLIC LOSSES		139	139	143	168	198	222	213	196	165	153	153	140	132	135	167
3	USBR		161	161	108	41	2	2	2	2	4	49	49	117	151	168	67
4	DSI ALUMINUM FIRM		1858	1858	1858	1898	1898	1898	1935	1941	1941	1941	1941	1941	1941	1941	1916
5	DSI NON-ALUM FIRM		170	170	170	173	189	181	189	196	196	196	196	196	196	189	187
6	DSI FIRM LOSSES		53	53	53	56	61	64	66	66	62	60	60	57	57	56	59
7	SM & NON GEN PUB PSC PUR	1/	2989	2983	2803	2910	3372	3720	3841	3592	3284	3122	3102	2950	2943	3074	3216
8	FIRM SYSTEM LOAD		5512	5506	5270	5385	5867	6250	6403	6150	5802	5660	5640	5534	5552	5704	5756
TRANSFERS OUT																	
9	EXPORTS	2/	380	380	382	240	221	196	198	187	189	185	222	389	420	398	284
10	CONTRACTS OUT	3/	413	413	486	702	951	1006	979	938	789	503	503	162	224	57	601
11	CSPE TO WEST GROUP UTIL	4/	268	268	268	268	268	268	268	268	268	254	254	254	254	254	263
12	GEN PUBLIC AGEN PSC PUR	5/	1546	1562	1605	1758	2059	2173	2283	2119	2008	1867	1858	1684	1574	1557	1853
13	IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	FIRM LOADS		8119	8130	8010	8353	9366	9893	10132	9661	9056	8468	8477	8023	8024	7970	8757
INTERRUPTIBLE LOADS																	
16	DSI ALUM TOP QUARTILE	8/	170	170	170	170	170	170	170	550	550	550	550	550	550	550	360
17	DSI NON-ALUMINUM TQ	8/	57	57	57	57	62	59	62	64	64	64	64	64	64	62	61
18	TOP QUARTILE LOSSES	8/	6	6	6	6	7	7	7	19	18	17	17	17	17	16	12
19	TOTAL LOADS		8352	8362	8243	8586	9605	10129	10371	10295	9688	9100	9108	8654	8655	8597	9190
HYDRO RESOURCES																	
20	REGULATED HYDRO		6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
21	INDEPENDENT HYDRO		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
22	MAY WATER BUDGET	9/	0	0	0	0	0	0	0	0	0	0	0	-2911	0	0	-243
23	JUNE COL. RIVER FLOW AUG	9/	0	0	0	0	0	0	0	0	0	0	0	0	-1813	0	-151
24	SUS. PKNG. ADJUSTMENT	10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	CAN. ENT. NON-FED(CSPE)	11/	56	56	56	56	56	56	56	56	56	54	54	54	54	54	55
26	CAN. ENT. NON-FED(CNDA)	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	RESTORATION	13/	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
28	TOTAL HYDRO		6453	6614	6045	6029	7164	7780	6643	6687	6502	7824	11240	7979	7321	7686	7158

TABLE 2: FEDERAL SYSTEM (CONTINUED)

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
OTHER RESOURCES																
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	283	283	463	391	458	526	501	456	249	220	121	0	18	47	297
34 CONTRACTS IN	15/	96	96	324	370	382	358	376	391	402	384	322	38	189	29	276
35 LARGE THERMAL	16/	983	983	983	983	983	983	983	983	983	983	0	0	491	983	819
36 NON-UTILITY GENERATION		0	0	0	0	0	0	17	17	12	9	9	6	5	4	6
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		7815	7976	7815	7773	8987	9647	8520	8534	8148	9420	11692	8023	8024	8749	8556
RESERVES AND MAINTENANCE																
39 HYD, SM THRM & MISC RES	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 LARGE THERMAL RESERVES	19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SPINNING RESERVES	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DSI RESERVES	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 FEDERAL HYDRO MAINT	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET RESOURCES		7815	7976	7815	7773	8987	9647	8520	8534	8148	9420	11692	8023	8024	8749	8556
SURPLUS/DEFICITS																
45 FIRM SURPLUS/DEFICIT		-305	-154	-195	-579	-379	-245	-1611	-1128	-908	952	3215	0	0	779	-201
46 TOTAL SURPLUS/DEFICIT		-537	-387	-428	-812	-617	-482	-1850	-1761	-1540	320	2584	-631	-631	152	-634
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		-305	-154	-195	-579	-379	-245	-1611	-1128	-908	952	3215	0	0	779	-201
49 TOTAL S/D W/EXT WTHR. ADJ.		-537	-387	-428	-812	-617	-482	-1850	-1761	-1540	320	2584	-631	-631	152	-634
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		-305	-154	-195	-579	-379	-245	-1611	-1128	-908	952	3215	0	0	779	-201
52 TOTAL S/D W/EXT WTHR. OBLIG		-537	-387	-428	-812	-617	-482	-1850	-1761	-1540	320	2584	-631	-631	152	-634

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	FEDERAL AGENCIES	146	146	138	142	151	167	161	162	154	142	142	136	135	144	148
2	FEDERAL & GEN PUBLIC LOSSES	138	138	142	173	203	230	220	199	170	157	157	143	140	141	171
3	USBR	161	161	109	42	2	2	2	2	4	50	50	117	151	169	68
4	DSI ALUMINUM FIRM	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941
5	DSI NON-ALUM FIRM	194	194	192	191	189	163	170	185	183	182	182	180	179	160	181
6	DSI FIRM LOSSES	56	56	56	57	62	65	65	66	61	59	59	57	57	55	60
7	SM & NON GEN PUB PSC PUR 1/	2978	2972	2795	2888	3342	3678	3804	3569	3259	3084	3073	2945	2932	3062	3194
8	FIRM SYSTEM LOAD	5614	5608	5373	5434	5890	6246	6363	6124	5772	5615	5604	5519	5535	5672	5762
TRANSFERS OUT																
9	EXPORTS 2/	597	597	602	579	547	514	516	504	504	501	538	578	621	616	558
10	CONTRACTS OUT 3/	48	48	120	337	782	833	807	762	537	358	358	12	74	34	392
11	CSPE TO WEST GROUP UTIL 4/	103	103	103	103	103	103	103	103	103	99	99	99	99	99	102
12	GEN PUBLIC AGEN PSC PUR 5/	1771	1788	1826	1967	2264	2372	2471	2310	2201	2026	2034	1896	1782	1766	2056
13	IOU PSC PURCHASE 6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY 7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	FIRM LOADS	8133	8144	8024	8419	9586	10068	10261	9803	9118	8598	8633	8104	8111	8188	8870
INTERRUPTIBLE LOADS																
16	DSI ALUM TOP QUARTILE 8/	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
17	DSI NON-ALUMINUM TQ 8/	64	64	63	63	62	54	56	61	60	60	60	59	59	52	59
18	TOP QUARTILE LOSSES 8/	16	16	16	17	18	19	19	19	18	17	17	16	16	16	17
19	TOTAL LOADS	8763	8773	8653	9048	10216	10690	10885	10433	9745	9225	9259	8730	8736	8806	9496
HYDRO RESOURCES																
20	REGULATED HYDRO	6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
21	INDEPENDENT HYDRO	407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
22	MAY WATER BUDGET 9/	0	0	0	0	0	0	0	0	0	0	0	-2907	0	0	-242
23	JUNE COL. RIVER FLOW AUG 9/	0	0	0	0	0	0	0	0	0	0	0	0	-1941	0	-162
24	SUS. PKNG. ADJUSTMENT 10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	CAN. ENT. NON-FED(CSPE) 11/	23	23	23	23	23	23	23	23	23	22	22	22	22	22	23
26	CAN. ENT. NON-FED(CNDA) 12/	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78
27	RESTORATION 13/	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
28	TOTAL HYDRO	6498	6659	6090	6074	7209	7825	6688	6732	6547	7870	11286	8029	7239	7732	7193

TABLE 2: FEDERAL SYSTEM (CONTINUED)

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
OTHER RESOURCES																
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	29	29	62	140	206	274	248	204	144	115	94	0	18	50	123
34 CONTRACTS IN	15/	36	36	295	295	295	295	295	295	295	295	295	36	295	36	230
35 LARGE THERMAL	16/	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	0	0	505	1054	845
36 NON-UTILITY GENERATION		53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		7626	7787	7512	7827	9034	9722	8559	8558	8308	9350	11735	8104	8111	8925	8576
RESERVES AND MAINTENANCE																
39 HYD, SM THRM & MISC RES	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 LARGE THERMAL RESERVES	19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SPINNING RESERVES	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DSI RESERVES	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 FEDERAL HYDRO MAINT	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET RESOURCES		7626	7787	7512	7827	9034	9722	8559	8558	8308	9350	11735	8104	8111	8925	8576
SURPLUS/DEFICITS																
45 FIRM SURPLUS/DEFICIT		-507	-356	-512	-593	-552	-346	-1701	-1245	-810	752	3103	0	0	737	-294
46 TOTAL SURPLUS/DEFICIT		-1136	-986	-1141	-1222	-1181	-968	-2326	-1874	-1437	125	2476	-625	-625	119	-920
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		-507	-356	-512	-593	-552	-346	-1701	-1245	-810	752	3103	0	0	737	-294
49 TOTAL S/D W/EXT WTHR. ADJ.		-1136	-986	-1141	-1222	-1181	-968	-2326	-1874	-1437	125	2476	-625	-625	119	-920
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		-507	-356	-512	-593	-552	-346	-1701	-1245	-810	752	3103	0	0	737	-294
52 TOTAL S/D W/EXT WTHR. OBLIG		-1136	-986	-1141	-1222	-1181	-968	-2326	-1874	-1437	125	2476	-625	-625	119	-920

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

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   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	FEDERAL AGENCIES		150	150	142	146	155	172	165	167	159	146	146	140	139	149	152
2	FEDERAL & GEN PUBLIC LOSSES		147	147	148	182	214	240	230	206	179	166	166	151	147	149	180
3	USBR		162	162	109	42	2	2	2	2	4	50	50	118	152	169	68
4	DSI ALUMINUM FIRM		1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941
5	DSI NON-ALUM FIRM		164	164	164	164	165	140	148	164	164	164	164	164	164	157	160
6	DSI FIRM LOSSES		55	55	55	57	61	65	65	65	61	59	59	57	57	54	59
7	SM & NON GEN PUB PSC PUR	1/	3230	3224	3042	3125	3568	3897	4021	3795	3485	3343	3303	3174	3178	3318	3429
8	FIRM SYSTEM LOAD		5849	5843	5601	5657	6106	6457	6572	6340	5993	5869	5829	5745	5778	5937	5990
TRANSFERS OUT																	
9	EXPORTS	2/	825	825	830	807	775	742	745	732	732	728	728	770	812	826	777
10	CONTRACTS OUT	3/	13	13	86	152	747	801	775	731	356	329	329	1	62	34	341
11	CSPE TO WEST GROUP UTIL	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	GEN PUBLIC AGEN PSC PUR	5/	2009	2027	2061	2200	2506	2618	2723	2566	2447	2319	2269	2114	2016	2007	2297
13	IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	FIRM LOADS		8696	8708	8577	8816	10133	10617	10815	10369	9528	9245	9155	8629	8668	8804	9405
INTERRUPTIBLE LOADS																	
16	DSI ALUM TOP QUARTILE	8/	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
17	DSI NON-ALUMINUM TQ	8/	55	55	55	55	55	47	49	55	55	55	55	55	55	52	53
18	TOP QUARTILE LOSSES	8/	16	16	16	16	18	19	19	19	18	17	17	16	16	16	17
19	TOTAL LOADS		9316	9328	9197	9437	10756	11233	11433	10992	10150	9866	9777	9251	9289	9422	10025
HYDRO RESOURCES																	
20	REGULATED HYDRO		6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
21	INDEPENDENT HYDRO		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
22	MAY WATER BUDGET	9/	0	0	0	0	0	0	0	0	0	0	0	-2390	0	0	-199
23	JUNE COL. RIVER FLOW AUG	9/	0	0	0	0	0	0	0	0	0	0	0	0	-1414	0	-118
24	SUS. PKNG. ADJUSTMENT	10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	CAN. ENT. NON-FED(CSPE)	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	CAN. ENT. NON-FED(CNDA)	12/	137	137	137	137	137	137	137	137	137	137	137	137	137	137	137
27	RESTORATION	13/	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
28	TOTAL HYDRO		6534	6695	6126	6110	7245	7861	6724	6768	6583	7907	11323	8583	7803	7769	7317

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
OTHER RESOURCES																
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	29	29	62	140	206	274	248	204	144	114	93	0	18	50	123
34 CONTRACTS IN	15/	159	159	418	418	266	266	266	266	266	266	266	7	266	159	252
35 LARGE THERMAL	16/	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	0	0	527	1054	878
36 NON-UTILITY GENERATION		53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		7829	7990	7714	8029	9085	9773	8610	8609	8359	9401	11742	8629	8668	9084	8754
RESERVES AND MAINTENANCE																
39 HYD, SM THRM & MISC RES	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 LARGE THERMAL RESERVES	19/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SPINNING RESERVES	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DSI RESERVES	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 FEDERAL HYDRO MAINT	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 NET RESOURCES		7829	7990	7714	8029	9085	9773	8610	8609	8359	9401	11742	8629	8668	9084	8754
SURPLUS/DEFICITS																
45 FIRM SURPLUS/DEFICIT		-867	-718	-863	-786	-1048	-844	-2205	-1760	-1169	156	2587	0	0	280	-651
46 TOTAL SURPLUS/DEFICIT		-1488	-1339	-1483	-1407	-1671	-1460	-2823	-2383	-1791	-465	1965	-621	-621	-338	-1272
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		-867	-718	-863	-786	-1048	-844	-2205	-1760	-1169	156	2587	0	0	280	-651
49 TOTAL S/D W/EXT WTHR. ADJ.		-1488	-1339	-1483	-1407	-1671	-1460	-2823	-2383	-1791	-465	1965	-621	-621	-338	-1272
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		-867	-718	-863	-786	-1048	-844	-2205	-1760	-1169	156	2587	0	0	280	-651
52 TOTAL S/D W/EXT WTHR. OBLIG		-1488	-1339	-1483	-1407	-1671	-1460	-2823	-2383	-1791	-465	1965	-621	-621	-338	-1272

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

FEDERAL SYSTEM FOOTNOTES

Federal Table 2

1. BPA's small and nongenerating public agencies' purchases are requirements these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own dedicated resources.
2. BPA's exports include surplus firm power sales to the cities of Burbank, Glendale, and Pasadena, and to Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy with deferred return with the Sacramento Municipal Utility District and San Diego Gas and Electric; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's diversity exchange with the city of Riverside; BPA's delivery of environmental storage to Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; and BPA's Northwest-Southwest Intertie losses.
3. BPA's contracts out include its contracts of Canadian Entitlement capacity and supplemental capacity to Pacific Northwest public agencies and IOUs, which expire March 31, 2003; BPA's contracts with Clark County PUD and other public agencies (Packwood Lake); BPA's WNP-1 obligation contracts with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's WNP-3 settlement contracts with Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's power transfer through Pacific Power and Light's system to serve BPA's Southern Idaho load; BPA's capacity sale with Montana Power Company; BPA's surplus firm power sale to Puget Sound Power and Light, which converts to a seasonal power exchange in OY 2001-02; BPA's surplus firm capacity sale to Washington Water Power; BPA's bridge capacity sale to Pacific Power and Light through July 31, 1995; BPA's capacity sale to Portland General Electric; BPA's deferred power exchange with Washington Water Power; and BPA's Baker Head loss replacement with Puget Sound Power and Light.
4. Columbia Storage Power Exchange (CSPE) is the sale of the Canadian share of downstream benefits under the Columbia River Treaty with Canada to a group of Northwest utilities, expiring April 1, 2003.
5. BPA's generating public agencies' purchases are requirements which these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own

dedicated resources. These contracts actually expire June 30, 2001; however, they are assumed to remain in effect through the 20-year study period.

6. Generating private utility purchase is the contracted peak and energy requirement placed on the Federal system under the IOUs' power sales contracts with BPA Currently, no IOU is placing load on BPA under a power sales contract.
7. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility requirements. This is due to the fact that all peaking electrical loads do not occur simultaneously throughout the region.
8. DSIs' aluminum and nonaluminum top quartile load and associated line losses are BPA's interruptible loads.
9. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
10. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
11. Canadian Entitlement Return non-Federal to the Columbia River Storage Exchange (CSPE) reflects the public agencies' and IOUs' obligation of Canadian Entitlement allocation to the Northwest entities of the CSPE, which expires March 31, 2003.
12. Canadian Entitlement Return non-Federal to Canada reflects the Federal system, public agencies', and IOUs' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
13. Restoration adjusts for the losses and gains of the hydro system due to Canadian storage under the terms of the Pacific Northwest Coordination Agreement. It is an obligation to those utilities that gained generation from the addition of Canadian storage, and a resource gain to utilities that lost generation from Canadian storage.
14. Imports includes exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; capacity for energy exchange agreements (#1 and #2) with the city of Pasadena; seasonal replacement energy from the city of Riverside; Southern California Edison's return of environmental storage to BPA; exchange energy from the M-S-R Public Power Agency after its surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; exchange energy returned from San Diego Gas and Electric; deferred energy returned from Sacramento Municipal Utility District, San Diego Gas and Electric, and Washington Water Power; power purchases from Basin Electric Cooperative and TransAlta; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load; and BC Hydro's deliveries of power to BPA.
15. Federal contracts in includes exchange energy to BPA from Montana Power Company, energy delivered to BPA by Northern Wasco County PUD from its McNary Fishway project; WNP-3 settlement exchange energy from Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; deferred power exchange energy from Washington Water Power; sea-

sonal power exchange energy from Puget Sound Power and Light beginning in OY 2001-02; and power purchases from Puget Sound Power and Light and Montana Power Company.

16. Federal large thermal consists of the generation from WNP-2, operated by WPPSS.
17. Federal NUGs include: Tenaska II (Tenaska at Fredrickson), SDS Lumber (Klickitat Energy), Clearwater Dam (owned by the State of Idaho Department of Water Resources), and Wyoming Wind.
18. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on line, they will be included in the loads and resources balance.
19. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the Federal capacity of these resources.
20. Large thermal reserve requirements are estimated at 15 percent of the WNP-2 nuclear project.
21. Federal spinning reserve is the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
22. Direct service industrial reserve requirements are one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal resources, whichever is smaller.
23. Hydro maintenance is the sum of all Federal hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
24. Extreme weather adjustment for BPA's directly served loads.
25. Possible Federal extreme weather adjustment is the possible load on BPA by public agencies customers having the right to place this obligation on BPA.

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TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		6556	6556	6392	6845	7806	8401	8727	8230	7706	7221	7221	6789	6626	6661	7330
2	EXPORTS	1/	110	110	134	116	40	29	20	23	32	41	41	41	123	125	69
3	CONTRACTS OUT	2/	162	162	79	111	61	61	58	58	56	62	62	65	73	161	84
4	TOTAL LOADS		6828	6828	6605	7072	7907	8491	8805	8311	7794	7324	7324	6895	6822	6947	7483
RESOURCES																	
5	REGULATED HYDRO		1435	1364	1321	1615	1724	1802	1805	1795	1619	1627	2257	1832	2018	1619	1708
6	INDEPENDENT HYDRO		84	83	74	85	75	94	102	187	119	127	126	111	106	85	104
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-19	-19	-19	-19	-19	-19	-19	-19	-19	-17	-17	-17	-17	-17	-18
10	CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6/	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO		1502	1430	1378	1683	1782	1879	1890	1965	1721	1739	2368	1928	2109	1689	1795
13	SMALL THERMAL & MISC	7/	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	8/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	9/	134	134	134	134	134	134	134	134	134	128	128	128	128	128	132
16	RENEWABLES	10/	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
17	COGENERATION	11/	15	15	15	15	15	8	42	42	42	53	53	53	53	46	33
18	IMPORTS	12/	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19	CONTRACTS IN	13/	97	97	64	114	100	113	111	120	58	63	63	64	62	42	84
20	LARGE THERMAL	14/	363	363	363	363	363	363	363	363	363	231	182	350	363	363	349
21	NON-UTILITY GENERATION	15/	194	194	124	61	18	17	24	27	50	159	158	251	266	238	119
22	TOTAL RESOURCES		2383	2311	2151	2449	2496	2614	2678	2774	2484	2432	3011	2803	3066	2591	2598
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	PUBLIC HYDRO MAINT	18/	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES		2383	2307	2150	2444	2492	2614	2678	2774	2482	2428	3007	2792	3062	2591	2595
27	SURPLUS/DEFICIT		-4445	-4521	-4455	-4627	-5415	-5876	-6127	-5537	-5312	-4896	-4317	-4103	-3760	-4356	-4888
28	DEDICATED RESOURCES	19/	2008	1931	1857	2126	2211	2308	2345	2444	2210	2125	2679	2497	2673	2212	2271
29	BPA PWR SLE CNTRCT PRCH	20/	4535	4545	4407	4668	5431	5893	6124	5710	5292	4989	4960	4634	4517	4631	5068
30	SURPLUS/DEFICIT W/PURCHASE		90	25	-48	40	16	17	-3	173	-20	93	643	531	757	275	180
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		90	25	-48	40	16	17	-3	173	-20	93	643	531	757	275	180
33	POSSIBLE OBLIG ON BPA	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB		90	25	-48	40	16	17	-3	173	-20	93	643	531	757	275	180

TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
1999- 0 OPERATING YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		7016	7016	6846	7275	8213	8795	9114	8629	8107	7633	7633	7213	7057	7103	7750
2	EXPORTS	1/	146	146	170	142	67	55	46	49	58	67	67	67	156	158	98
3	CONTRACTS OUT	2/	169	169	86	118	68	68	65	65	63	69	69	72	80	168	91
4	TOTAL LOADS		7331	7331	7102	7535	8348	8918	9225	8743	8228	7769	7769	7352	7293	7429	7939
RESOURCES																	
5	REGULATED HYDRO		1455	1384	1340	1633	1744	1822	1824	1813	1637	1645	2276	1852	2037	1649	1728
6	INDEPENDENT HYDRO		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	-6
10	CAN. ENT. RETURN (CNDA)	5/	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-26	-25
11	RESTORATION	6/	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO		1517	1445	1392	1696	1798	1894	1904	1978	1735	1750	2380	1941	2121	1710	1810
13	SMALL THERMAL & MISC	7/	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	8/	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
15	CSPE PURCHASE	9/	52	52	52	52	52	52	52	52	52	50	50	50	50	50	51
16	RENEWABLES	10/	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	COGENERATION	11/	53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
18	IMPORTS	12/	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19	CONTRACTS IN	13/	81	81	45	95	81	102	99	101	39	43	43	45	45	33	67
20	LARGE THERMAL	14/	363	363	363	363	363	363	363	363	363	363	252	297	363	363	353
21	NON-UTILITY GENERATION	15/	286	287	217	153	110	113	113	117	139	247	246	336	351	324	209
22	TOTAL RESOURCES		2634	2563	2388	2684	2734	2863	2890	2979	2689	2768	3286	2954	3271	2814	2824
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	PUBLIC HYDRO MAINT	18/	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES		2634	2559	2386	2679	2730	2863	2890	2979	2687	2764	3282	2943	3267	2814	2821
27	SURPLUS/DEFICIT		-4697	-4772	-4715	-4856	-5618	-6055	-6335	-5764	-5541	-5004	-4486	-4409	-4026	-4615	-5118
28	DEDICATED RESOURCES	19/	2237	2161	2082	2350	2437	2545	2574	2664	2431	2478	2971	2663	2894	2451	2501
29	BPA PWR SLE CNTRCT PRCH	20/	4749	4760	4620	4855	5606	6050	6276	5879	5460	5110	5107	4841	4714	4828	5249
30	SURPLUS/DEFICIT W/PURCHASE		52	-12	-95	-1	-12	-5	-60	115	-81	105	621	432	688	213	131
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		52	-12	-95	-1	-12	-5	-60	115	-81	105	621	432	688	213	131
33	POSSIBLE OBLIG ON BPA	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB		52	-12	-95	-1	-12	-5	-60	115	-81	105	621	432	688	213	131

TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
2004- 5 OPERATING YEAR RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		7517	7517	7338	7736	8651	9218	9539	9075	8550	8091	8091	7684	7543	7609	8213
2	EXPORTS	1/	111	111	135	108	67	55	26	26	26	26	26	26	80	82	64
3	CONTRACTS OUT	2/	63	64	65	62	60	59	58	58	57	63	63	66	75	66	63
4	TOTAL LOADS		7691	7692	7538	7906	8778	9332	9623	9159	8633	8180	8180	7776	7698	7757	8339
RESOURCES																	
5	REGULATED HYDRO		1515	1441	1379	1674	1804	1881	1870	1851	1675	1683	2394	1963	2147	1705	1789
6	INDEPENDENT HYDRO		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CNDA)	5/	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46
11	RESTORATION	6/	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO		1562	1487	1416	1722	1843	1938	1935	2001	1758	1773	2483	2037	2216	1753	1856
13	SMALL THERMAL & MISC	7/	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	8/	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
15	CSPE PURCHASE	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	10/	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	COGENERATION	11/	53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
18	IMPORTS	12/	18	18	13	19	59	75	88	97	90	33	33	26	36	24	48
19	CONTRACTS IN	13/	34	34	44	44	55	52	50	51	40	43	43	44	44	35	45
20	LARGE THERMAL	14/	363	363	363	363	363	363	363	363	363	181	274	363	363	363	352
21	NON-UTILITY GENERATION	15/	286	287	216	153	110	113	113	117	139	248	246	336	350	324	209
22	TOTAL RESOURCES		2545	2471	2323	2572	2701	2805	2820	2900	2661	2560	3361	3065	3279	2774	2781
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	PUBLIC HYDRO MAINT	18/	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES		2545	2467	2322	2567	2697	2805	2820	2900	2659	2556	3357	3054	3276	2774	2778
27	SURPLUS/DEFICIT		-5146	-5225	-5216	-5339	-6081	-6527	-6803	-6258	-5974	-5624	-4823	-4722	-4422	-4983	-5561
28	DEDICATED RESOURCES	19/	2230	2150	2054	2324	2430	2537	2552	2635	2402	2269	3045	2775	2939	2444	2495
29	BPA PWR SLE CNTRCT PRCH	20/	5239	5251	5102	5325	6074	6514	6745	6361	5932	5662	5572	5288	5194	5324	5727
30	SURPLUS/DEFICIT W/PURCHASE		92	26	-114	-14	-7	-13	-58	103	-42	38	750	566	772	341	165
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		92	26	-114	-14	-7	-13	-58	103	-42	38	750	566	772	341	165
33	POSSIBLE OBLIG ON BPA	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB		92	26	-114	-14	-7	-13	-58	103	-42	38	750	566	772	341	165

PUBLIC AGENCIES FOOTNOTES

Total Public Agencies Table 3

1. Public agencies' exports includes the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric and Northern California Public Agencies; Snohomish County PUD's power sale to Sacramento Municipal Utility District; and Tacoma Public Utilities' power sale to the Western Area Power Administration (WAPA).
2. Public agencies' contracts out include Chelan County PUD's capacity deliveries to Douglas County PUD and Portland General Electric; Colockum's capacity deliveries to Chelan County PUD and Pacific Power and Light; Douglas County PUD's exchange energy returned to Chelan County PUD; Grant County PUD's power sales to Pacific Power and Light; Northern Wasco PUD's sale of power from The Dalles Fishway project to Puget Sound Power and Light and from its McNary Fishway project to BPA; other small and non-generating public agencies power sales to Puget Sound Power and Light; Pend Oreille County PUD's power sale to Seattle City Light; Seattle City Light's seasonal power exchange deliveries to Idaho Power Company and Tacoma Public Utilities, and power sale to Pend Oreille County PUD; Snohomish County PUD's power sale to Puget Sound Power and Light; and Tacoma Public Utilities' seasonal power exchange deliveries to Seattle City Light.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Public Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Public Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the public agencies' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.
5. Canadian Entitlement Return non-Federal to Canada reflects the public agencies' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the public agencies that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Public agencies' small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; and Seattle City Light's Boundary.
8. Clark County PUD's Cogentrix is the only public agency-owned combustion turbine.

9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Public agencies' renewable resources include Emerald PUD's Short Mountain.
11. Public agencies' cogeneration includes Eugene Water and Electric Board's Weyerhaeuser WEYCO Energy Center; and Snohomish County PUD's Scott Paper.
12. Public agencies' imports include power deliveries to Seattle City Light from BC Hydro for Ross replacement; and seasonal power exchange deliveries to Seattle City Light from Pacific Gas and Electric and Northern California Public Agencies.
13. Public agencies' contracts in include Chelan County PUD capacity receipts from Colockum, and exchange energy from Douglas County PUD and Portland General Electric; Clark County PUD and other small and non-generating public agencies' power receipts from BPA for Packwood Lake; Colockum exchange energy from Pacific Power and Light; Douglas County PUD capacity receipts from Chelan County PUD; Oregon Trail Cooperative's replacement power sale from Idaho Power Company; Pend Oreille County PUD power sales receipts from Seattle City Light and Washington Water Power; Grays Harbor County PUD's receipt of Centralia capacity exchange power from Puget Sound Power and Light; Seattle City Light's power sale receipts from Pend Oreille County PUD and seasonal power exchanges from Idaho Power Company and Tacoma Public Utilities; and Tacoma Public Utilities' seasonal energy exchange from Seattle City Light.
14. Public agencies' large thermal includes Seattle City Light's, Snohomish County PUD's, Grays Harbor's, and Tacoma Public Utilities' share of Centralia.
15. Public agencies' non-utility generating resources from independent power producers, power brokers, and qualified facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following public agencies: Chelan County PUD, Cowlitz County PUD, Douglas County PUD, Eugene Water and Electric Board, Grant County PUD, Pend Oreille County PUD, Seattle City Light, Small and Non-Generating Utilities, Snohomish County PUD, and Tacoma Public Utilities.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the public agencies' share of capacity from these resources.
17. Large thermal reserve requirements are 15 percent of the public agencies' share of Pacific Northwest thermal resources.
18. Hydro maintenance is the sum of all public agency hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.

20. Purchases from BPA include public agencies' firm power purchases under their power sales contracts and BPA's partnership program. This requirement is defined as the sum of the differences between each utility's firm load and its dedicated resources.
21. Extreme Weather adjustment for all public utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those public utilities having the right to place the obligation on BPA.

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
1995-96 OPERATING YEAR RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		9381	9381	9083	9387	10428	11344	11796	11292	10421	9613	9613	9392	9521	9645	10108
2	EXPORTS	1/	1150	1150	1079	743	722	722	695	674	642	643	643	682	1042	1134	827
3	CONTRACTS OUT	2/	504	504	664	758	806	850	837	860	760	595	533	379	528	443	663
4	TOTAL LOADS		11035	11035	10826	10887	11956	12915	13328	12826	11823	10851	10789	10453	11090	11223	11599
RESOURCES																	
5	REGULATED HYDRO		2194	2208	2250	2189	2409	2692	2675	2797	2553	2589	3584	3359	3142	2598	2663
6	INDEPENDENT HYDRO		543	537	523	498	542	669	576	669	624	657	661	632	582	554	589
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
10	CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6/	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO		2735	2743	2771	2685	2949	3359	3249	3464	3175	3244	4243	3989	3722	3150	3250
13	SMALL THERMAL & MISC	7/	48	48	47	43	49	45	42	39	36	52	56	54	1	61	43
14	COMBUSTION TURBINES	8/	543	543	543	543	692	687	687	701	543	543	140	222	487	543	544
15	CSPE PURCHASE	9/	134	134	134	134	134	134	134	134	134	126	126	126	126	126	131
16	RENEWABLES	10/	45	45	45	45	45	45	44	44	44	27	27	0	0	27	34
17	COGENERATION	11/	0	0	216	216	216	216	216	216	216	216	216	216	166	216	194
18	IMPORTS	12/	1493	1493	1062	1084	1348	1608	1615	1617	1173	1138	1139	1217	1486	1640	1373
19	CONTRACTS IN	13/	931	931	881	1129	1379	1488	1432	1389	1189	752	752	490	560	545	1014
20	LARGE THERMAL	14/	3635	3635	3633	3618	3618	3604	3594	3501	3243	2830	2565	2680	3531	3678	3419
21	NON-UTILITY GENERATION	15/	942	945	935	893	902	885	885	903	912	943	945	582	880	981	887
22	TOTAL RESOURCES		10506	10517	10267	10391	11333	12071	11897	12008	10665	9872	10209	9576	10959	10967	10891
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	IOU HYDRO MAINT	18/	-31	-22	-7	-4	0	0	0	0	-3	-4	-4	-9	-11	-50	-10
26	NET RESOURCES		10476	10495	10260	10387	11333	12071	11897	12008	10662	9868	10205	9567	10948	10917	10881
27	SURPLUS/DEFICIT		-560	-540	-566	-501	-623	-844	-1431	-818	-1161	-984	-584	-886	-143	-306	-718
28	DEDICATED RESOURCES	19/	6425	6435	6446	6413	6856	7538	7358	7498	6596	6100	7147	7384	7486	6946	6965
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-560	-540	-566	-501	-623	-844	-1431	-818	-1161	-984	-584	-886	-143	-306	-718
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-579	-560	-588	-522	-644	-865	-1453	-840	-1182	-1081	-644	-867	-164	-327	-740

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
1999- 0 OPERATING YEAR RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		9894	9894	9592	9914	11016	11996	12440	11919	10998	10141	10141	9899	10037	10173	10668
2	EXPORTS	1/	1078	1078	1018	674	655	661	666	641	609	610	609	651	1010	1092	780
3	CONTRACTS OUT	2/	401	401	585	585	621	696	696	696	585	509	509	326	585	401	557
4	TOTAL LOADS		11373	11373	11195	11173	12292	13353	13802	13256	12192	11259	11258	10877	11633	11666	12006
RESOURCES																	
5	REGULATED HYDRO		2186	2200	2231	2178	2397	2681	2671	2794	2550	2569	3562	3343	3128	2568	2650
6	INDEPENDENT HYDRO		555	549	523	505	549	676	586	679	635	655	660	635	585	555	595
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-15	-15	-15	-15	-15	-15	-15	-15	-15	-14	-14	-14	-14	-13	-15
10	CAN. ENT. RETURN (CNDA)	5/	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-46	-47
11	RESTORATION	6/	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO		2709	2717	2722	2651	2914	3325	3225	3441	3153	3193	4191	3947	3682	3094	3213
13	SMALL THERMAL & MISC	7/	59	59	47	50	59	54	55	51	46	51	55	57	1	61	49
14	COMBUSTION TURBINES	8/	544	544	544	544	692	687	687	702	544	544	140	223	487	544	545
15	CSPE PURCHASE	9/	51	51	51	51	51	51	51	51	51	49	49	49	49	49	50
16	RENEWABLES	10/	44	44	44	44	44	44	44	44	44	26	26	0	0	26	34
17	COGENERATION	11/	216	216	216	216	216	216	216	216	216	216	216	146	151	216	205
18	IMPORTS	12/	1431	1431	1171	1045	1428	1450	1514	1508	1032	998	998	947	1389	1508	1285
19	CONTRACTS IN	13/	444	444	394	592	1038	1146	1120	1074	798	545	545	295	365	512	694
20	LARGE THERMAL	14/	3673	3672	3633	3643	3640	3625	3628	3581	3426	3283	2666	2527	3541	3680	3464
21	NON-UTILITY GENERATION	15/	951	953	937	899	909	891	875	900	911	934	936	576	875	972	886
22	TOTAL RESOURCES		10121	10132	9759	9736	10991	11490	11414	11568	10221	9839	9822	8768	10541	10662	10425
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	IOU HYDRO MAINT	18/	-31	-22	-7	-4	0	0	0	0	-3	-4	-4	-9	-11	-50	-10
26	NET RESOURCES		10090	10110	9752	9732	10991	11490	11414	11568	10218	9835	9818	8759	10529	10612	10416
27	SURPLUS/DEFICIT		-1283	-1263	-1443	-1442	-1302	-1863	-2388	-1687	-1974	-1424	-1440	-2118	-1103	-1054	-1590
28	DEDICATED RESOURCES	19/	6302	6310	6205	6027	6745	7176	7055	7253	6344	6245	6954	6703	7192	6712	6693
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-1283	-1263	-1443	-1442	-1302	-1863	-2388	-1687	-1974	-1424	-1440	-2118	-1103	-1054	-1590
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-1303	-1284	-1465	-1462	-1324	-1885	-2410	-1708	-1997	-1522	-1499	-2100	-1125	-1075	-1613

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M- L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																	
1	SYSTEM LOADS		10543	10543	10222	10569	11738	12778	13265	12648	11734	10807	10807	10546	10689	10848	11365
2	EXPORTS	1/	1012	1012	963	626	598	598	524	512	500	506	506	535	885	960	685
3	CONTRACTS OUT	2/	306	306	490	490	349	399	399	399	339	262	262	80	339	306	347
4	TOTAL LOADS		11861	11861	11675	11685	12685	13775	14188	13560	12572	11574	11574	11160	11913	12114	12397
RESOURCES																	
5	REGULATED HYDRO		2122	2139	2188	2134	2332	2617	2619	2750	2507	2525	3438	3225	3011	2509	2584
6	INDEPENDENT HYDRO		551	545	519	500	546	672	583	676	631	651	655	631	582	551	591
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CNDA)	5/	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
11	RESTORATION	6/	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO		2623	2634	2657	2584	2828	3239	3152	3376	3088	3126	4043	3806	3543	3010	3125
13	SMALL THERMAL & MISC	7/	55	55	43	46	55	51	51	48	42	47	51	53	1	58	46
14	COMBUSTION TURBINES	8/	544	544	544	544	692	687	687	702	544	544	140	223	487	544	545
15	CSPE PURCHASE	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	10/	45	45	45	45	45	45	45	45	45	27	27	0	0	27	34
17	COGENERATION	11/	216	216	216	216	216	216	216	216	216	216	216	147	151	216	205
18	IMPORTS	12/	1292	1292	811	791	1092	1337	1415	1418	987	980	980	1146	1321	1437	1169
19	CONTRACTS IN	13/	190	191	179	242	835	941	915	871	446	344	344	95	166	213	453
20	LARGE THERMAL	14/	3659	3659	3619	3629	3627	3613	3616	3537	3413	2961	2871	2710	3528	3668	3461
21	NON-UTILITY GENERATION	15/	888	890	874	836	844	824	808	833	842	865	868	531	830	907	824
22	TOTAL RESOURCES		9513	9526	8988	8933	10234	10953	10906	11046	9623	9110	9540	8712	10027	10080	9862
23	HYD, SM THRM & MISC RES	16/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	IOU HYDRO MAINT	18/	-31	-22	-7	-4	0	0	0	0	-3	-4	-4	-9	-11	-50	-10
26	NET RESOURCES		9482	9504	8981	8929	10234	10953	10906	11046	9620	9106	9537	8703	10015	10030	9853
27	SURPLUS/DEFICIT		-2379	-2356	-2695	-2756	-2451	-2822	-3283	-2514	-2952	-2468	-2038	-2457	-1898	-2084	-2544
28	DEDICATED RESOURCES	19/	6071	6082	5773	5699	6327	6995	6898	7086	6225	5846	7002	6960	6976	6532	6498
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-2379	-2356	-2695	-2756	-2451	-2822	-3283	-2514	-2952	-2468	-2038	-2457	-1898	-2084	-2544
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-2399	-2377	-2717	-2778	-2473	-2844	-3304	-2536	-2974	-2566	-2097	-2439	-1920	-2105	-2567

PRIVATE UTILITY FOOTNOTES

Total Private Utilities Table 4

1. Private utilities' exports include Idaho Power Company's power sales to Sierra Pacific, Utah Associated Municipal Power System, the Cities of Azuza-Banning-Colton, and the City of Washington, Utah; Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, power sales to California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and Western Area Power Administration; Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and the Western Area Power Administration, and seasonal power exchange deliveries to Southern California Edison; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; and Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric.
2. Private utilities' contracts out include Idaho Power Company's replacement power sale to Oregon Trail Cooperative, seasonal power exchange deliveries to Seattle City Light and Montana Power Company, and a power sale to Montana Power Company; Montana Power Company's power sales to BPA, Pacific Power and Light, Puget Sound Power and Light and Washington Water Power, seasonal power exchange deliveries to Idaho Power Company, and exchange energy returned to BPA; Pacific Power and Light's power sale to Puget Sound Power and Light, WNP-3 settlement energy to BPA, and exchange energy to Colockum; Portland General Electric's contract to Pacific Power and Light for Cove replacement and exchange energy returned to Chelan County PUD, and WNP-3 settlement energy to BPA; Puget Sound Power and Light's power sales to BPA, seasonal power exchange deliveries to BPA (beginning July 1, 2001) and WNP-3 settlement energy to BPA; and Washington Water Power's power sales to Pacific Power and Light, Pend Oreille County PUD, and Puget Sound Power and Light, capacity sale to Portland General Electric, replacement power sale to Pacific Power and Light (Sandpoint), WNP-3 settlement energy to BPA, and deferred power exchange with BPA.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Private Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Private Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the private utilities' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.

5. Canadian Entitlement Return non-Federal to Canada reflects the private utilities' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the private utilities that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Private utilities' existing small thermal and miscellaneous resources include Idaho Power Company's Energy Management Systems; Puget Sound Power and Light's Shuffleton and Crystal Mountain; Portland General Electric's Summit plants; and Montana Power Company's portions of Bird and Corette in the region.
8. Private utilities' combustion turbines include Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia; Washington Water Power's Northeast; and Idaho Power Company's Wood River.
9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Private utilities' renewable resources include Washington Water Power's Kettle Falls.
11. Private utility cogeneration resources include Portland General Electric's Coyote Springs.
12. Private utilities' imports include Pacific Power and Light transfers from its Wyoming division and service to Southern Idaho loads for BPA; Portland General Electric Company's seasonal power exchange receipts from Southern California Edison; Puget Sound Power and Light's power purchase receipts from BC Hydro, and seasonal power exchange receipts from Pacific Gas and Electric; Utah Power Company's intra-company transfer; and Washington Water Power's seasonal power exchange receipts from Pacific Gas and Electric.
13. Private utilities' contracts in include Idaho Power Company's seasonal energy exchange receipts from Montana Power Company and Seattle City Light; Montana Power Company's power purchase and seasonal power exchange receipts from Idaho Power Company, and WNP-1 obligation receipts and capacity for energy exchange receipts from BPA; Pacific Power and Light's capacity receipts from BPA and Colockum, power purchase receipts from BPA for BPA's Southern Idaho load, power purchases from Grant County PUD, Montana Power Company and Washington Water Power, Cove replacement from Portland General Electric, and Sandpoint replacement power from Washington Water, WNP 1 obligation receipts and WNP 3 settlement receipts from BPA; Portland General Electric's capacity receipts from Chelan County PUD, Washington Water Power, and BPA, WNP 1 obligation and WNP 3 settlement from BPA; Puget Sound Power and Light power purchase and seasonal power exchange receipts from BPA, and power purchase receipts from BPA (Baker Head loss), Montana Power Company, other small and non-generating public agencies, Northern Wasco PUD, Pacific Power and Light, Snohomish County PUD, and Washington Water Power; WNP 1 obligation and WNP 3 settlement receipts from BPA; Washington Water Power capacity receipts, WNP 1 obligation, WNP 3

settlement, and deferred power exchange from BPA; and power purchase receipts from Montana Power Company.

14. Private utilities' large thermal includes the private utilities' shares of Centralia, Jim Bridger, Colstrip 1 and 2, Colstrip 3 and 4, Boardman Coal, and Valmy; and Puget Sound Power and Light's purchase of Grays Harbor's share of Centralia through OY 1996-97.
15. Private utilities' non-utility generating resources from independent power producers, power brokers, and qualifying facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following private utilities: Idaho Power Company, Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the private utilities' share in the capacity of these resources.
17. Large thermal reserve requirements are 15 percent of the private utilities' share of Pacific Northwest thermal resources and the Pacific Power and Light import from Wyoming.
18. Hydro maintenance is the sum of all private utility hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.
20. Purchases from BPA include the private utilities' contracted firm energy or firm capacity purchases under their power sales contracts and BPA's partnership program. Currently, no IOU places load on BPA through a power sales contract.
21. Extreme weather adjustment for all private utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those private utilities having the right to place the obligation on BPA. No private utilities are assumed to place this obligation on BPA.

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SECTION VIII - INDIVIDUAL UTILITY LOAD AND RESOURCE BALANCES (FOR OYS 1993-94, 1999-2000, AND 2004-05)

Monthly Energy Analysis

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TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	1659	1659	1479	1395	1468	1547	1613	1530	1409	1422	1422	1570	1773	1829	1558
2	EXPORTS	125	125	101	102	109	112	114	106	90	90	90	102	108	113	106
3	CONTRACTS OUT	32	32	36	86	111	178	178	186	86	11	11	11	8	0	77
4	TOTAL LOADS	1816	1816	1616	1583	1688	1837	1905	1822	1585	1523	1523	1683	1889	1942	1741
RESOURCES																
5	REGULATED HYDRO	317	321	625	521	354	380	700	528	523	467	538	772	354	534	509
6	INDEPENDENT HYDRO	282	283	285	241	291	307	257	240	264	258	258	249	268	274	268
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	129	129	16	0	0	0	0	0	0	0	0	0	0	175	27
20	LARGE THERMAL	880	880	880	880	880	880	880	798	531	584	783	803	867	880	820
21	NON-UTILITY GENERATION	125	128	107	76	63	44	62	59	72	104	103	131	149	146	95
22	TOTAL RESOURCES	1733	1741	1913	1718	1588	1611	1899	1625	1390	1413	1682	1955	1638	2009	1719
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	1733	1741	1913	1718	1588	1611	1899	1625	1390	1413	1682	1955	1638	2009	1719
27	SURPLUS/DEFICIT	-83	-75	297	135	-100	-226	-6	-197	-195	-110	159	272	-251	67	-21
28	DEDICATED RESOURCES	1227	1235	1540	1360	1223	1251	1537	1263	1086	1067	1336	1675	1290	1476	1344
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-83	-75	297	135	-100	-226	-6	-197	-195	-110	159	272	-251	67	-21
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-83	-75	297	135	-100	-226	-6	-197	-195	-110	159	272	-251	67	-21

TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	1753	1753	1571	1491	1574	1661	1727	1639	1509	1517	1517	1666	1878	1939	1660
2	EXPORTS	78	78	66	59	68	76	81	70	54	54	53	67	72	67	68
3	CONTRACTS OUT	0	0	0	0	25	100	100	100	0	0	0	0	0	0	27
4	TOTAL LOADS	1831	1831	1637	1550	1667	1837	1908	1809	1563	1571	1570	1733	1950	2006	1755
RESOURCES																
5	REGULATED HYDRO	317	321	625	521	354	380	700	528	523	467	538	772	354	534	509
6	INDEPENDENT HYDRO	282	283	285	241	291	307	257	240	264	258	258	249	268	274	268
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	129	129	16	0	0	0	0	0	0	0	0	0	0	175	27
20	LARGE THERMAL	880	880	880	881	880	880	880	845	680	700	708	784	868	880	837
21	NON-UTILITY GENERATION	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
22	TOTAL RESOURCES	1743	1750	1924	1730	1598	1620	1890	1671	1539	1528	1607	1936	1639	2009	1739
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	1743	1750	1924	1730	1598	1620	1890	1671	1539	1528	1607	1936	1639	2009	1739
27	SURPLUS/DEFICIT	-88	-81	287	180	-69	-217	-18	-138	-24	-43	37	203	-311	3	-16
28	DEDICATED RESOURCES	1291	1298	1597	1426	1285	1299	1564	1356	1282	1229	1322	1699	1335	1522	1411
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-88	-81	287	180	-69	-217	-18	-138	-24	-43	37	203	-311	3	-16
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-88	-81	287	180	-69	-217	-18	-138	-24	-43	37	203	-311	3	-16

TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	1853	1853	1670	1596	1690	1777	1849	1810	1614	1613	1613	1757	1972	2038	1770
2	EXPORTS	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3	CONTRACTS OUT	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
4	TOTAL LOADS	1859	1859	1676	1602	1696	1833	1905	1866	1620	1619	1619	1763	1978	2044	1788
RESOURCES																
5	REGULATED HYDRO	317	321	625	521	354	380	700	528	523	467	538	772	354	534	509
6	INDEPENDENT HYDRO	282	283	285	241	291	307	257	240	264	258	258	249	268	274	268
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	75	75	0	0	0	0	0	0	0	0	0	0	75	12	
20	LARGE THERMAL	880	880	880	880	880	880	880	814	679	859	867	806	868	880	849
21	NON-UTILITY GENERATION	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
22	TOTAL RESOURCES	1689	1696	1908	1729	1598	1620	1890	1640	1538	1687	1766	1958	1639	1909	1737
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	1689	1696	1908	1729	1598	1620	1890	1640	1538	1687	1766	1958	1639	1909	1737
27	SURPLUS/DEFICIT	-170	-163	232	127	-98	-213	-15	-226	-82	68	147	195	-339	-135	-51
28	DEDICATED RESOURCES	1363	1370	1657	1478	1347	1369	1639	1389	1329	1436	1528	1782	1401	1583	1485
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-170	-163	232	127	-98	-213	-15	-226	-82	68	147	195	-339	-135	-51
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-170	-163	232	127	-98	-213	-15	-226	-82	68	147	195	-339	-135	-51

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	348	348	326	343	362	389	380	355	327	307	307	306	316	333	341
2	EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3	CONTRACTS OUT	191	191	196	196	196	196	186	186	186	109	109	106	106	181	169
4	TOTAL LOADS	630	630	613	630	649	675	657	632	604	507	507	503	513	605	601
RESOURCES																
5	REGULATED HYDRO	53	54	42	41	52	54	54	50	53	76	91	87	80	56	59
6	INDEPENDENT HYDRO	50	50	49	46	45	41	38	34	37	55	59	56	48	63	47
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	TOTAL HYDRO	109	110	97	93	103	101	98	90	96	137	156	149	134	125	112
13	SMALL THERMAL & MISC	47	47	46	42	42	38	35	32	35	51	55	53	0	60	40
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	105	105	105	155	155	205	205	205	155	70	70	18	18	0	116
20	LARGE THERMAL	357	357	355	340	340	326	317	305	315	321	257	227	350	400	327
21	NON-UTILITY GENERATION	32	32	33	21	29	26	24	22	24	26	29	38	32	42	29
22	TOTAL RESOURCES	650	651	636	651	669	696	679	654	625	605	567	485	534	627	624
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0
26	NET RESOURCES	649	650	636	651	669	696	679	654	625	605	567	485	533	626	624
27	SURPLUS/DEFICIT	20	20	23	22	21	21	22	22	21	98	60	-19	21	21	23
28	DEDICATED RESOURCES	300	301	362	382	399	430	415	394	362	325	361	284	305	264	353
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	20	20	23	22	21	21	22	22	21	98	60	-19	21	21	23
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	20	20	23	22	21	21	22	22	21	98	60	-19	21	21	23

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	333	333	311	327	346	373	382	358	328	309	309	305	317	338	336
2	EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3	CONTRACTS OUT	181	181	106	106	106	106	106	106	106	29	29	106	106	181	112
4	TOTAL LOADS	605	605	508	524	543	570	579	555	525	429	429	502	514	610	539
RESOURCES																
5	REGULATED HYDRO	65	66	42	48	60	63	69	65	68	74	88	91	85	56	66
6	INDEPENDENT HYDRO	62	62	49	53	52	48	48	44	48	53	58	59	51	64	53
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	TOTAL HYDRO	133	134	97	107	118	117	123	115	122	133	152	156	142	126	125
13	SMALL THERMAL & MISC	58	58	46	49	52	47	48	44	45	50	54	56	0	60	46
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
20	LARGE THERMAL	395	394	355	364	362	347	350	338	349	318	254	232	359	402	345
21	NON-UTILITY GENERATION	40	40	32	24	34	30	31	28	31	26	28	40	35	43	33
22	TOTAL RESOURCES	626	626	530	544	566	591	602	575	547	527	488	484	536	631	562
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0
26	NET RESOURCES	625	625	530	544	566	591	602	575	547	527	488	484	536	630	561
27	SURPLUS/DEFICIT	20	21	22	20	23	21	22	21	23	98	59	-18	22	20	23
28	DEDICATED RESOURCES	264	264	256	267	288	318	328	305	273	248	283	280	307	268	285
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	20	21	22	20	23	21	22	21	23	98	59	-18	22	20	23
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	20	21	22	20	23	21	22	21	23	98	59	-18	22	20	23

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	335	335	312	329	349	376	385	359	330	311	311	308	320	342	338
2	EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3	CONTRACTS OUT	152	152	77	77	77	77	77	77	77	0	0	77	77	152	83
4	TOTAL LOADS	577	577	480	497	516	544	553	527	497	402	402	476	488	585	512
RESOURCES																
5	REGULATED HYDRO	61	62	38	45	55	58	63	59	63	68	82	84	78	53	61
6	INDEPENDENT HYDRO	58	58	45	48	49	44	45	41	44	49	53	55	48	60	49
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	TOTAL HYDRO	125	126	89	99	110	108	114	106	113	123	141	145	132	119	116
13	SMALL THERMAL & MISC	54	54	42	45	48	44	44	41	41	46	50	52	0	57	43
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
20	LARGE THERMAL	382	382	341	352	350	336	338	326	336	308	244	223	347	390	333
21	NON-UTILITY GENERATION	37	37	30	23	31	28	28	26	29	23	26	37	32	40	30
22	TOTAL RESOURCES	598	599	502	519	539	566	574	549	519	500	461	457	511	606	535
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0
26	NET RESOURCES	597	598	502	519	539	566	574	549	519	500	461	457	511	605	535
27	SURPLUS/DEFICIT	20	21	22	22	22	22	21	22	22	98	60	-19	22	20	23
28	DEDICATED RESOURCES	270	270	261	275	294	325	333	312	279	254	290	287	311	275	291
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	20	21	22	22	22	22	21	22	22	98	60	-19	22	20	23
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	20	21	22	22	22	22	21	22	22	98	60	-19	22	20	23

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2209	2209	2196	2213	2419	2712	2713	2763	2399	2189	2189	2202	2129	2269	2368
2	EXPORTS	459	459	412	386	377	375	346	332	317	317	317	345	407	452	377
3	CONTRACTS OUT	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143
4	TOTAL LOADS	2811	2811	2751	2742	2939	3230	3202	3238	2859	2649	2649	2690	2679	2864	2888
RESOURCES																
5	REGULATED HYDRO	243	264	273	280	369	403	362	490	392	330	414	267	381	299	345
6	INDEPENDENT HYDRO	152	150	145	169	170	239	218	298	243	247	247	234	181	154	204
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO	420	439	443	474	564	667	605	813	660	602	686	526	587	478	574
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	27	27	27	27	27	27	27	27	27	25	25	25	25	25	26
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	1031	1031	725	789	749	1005	948	940	802	819	820	865	999	1100	898
19	CONTRACTS IN	170	170	197	261	313	369	313	269	241	179	179	93	113	84	217
20	LARGE THERMAL	747	747	747	747	747	747	747	747	747	523	388	671	747	747	716
21	NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	54	61	61	72	59	58	55
22	TOTAL RESOURCES	2448	2467	2190	2347	2453	2868	2679	2857	2531	2209	2159	2252	2530	2492	2487
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3
26	NET RESOURCES	2442	2464	2189	2347	2453	2868	2679	2857	2531	2209	2159	2251	2523	2473	2484
27	SURPLUS/DEFICIT	-369	-347	-562	-395	-486	-362	-522	-381	-328	-440	-490	-439	-156	-391	-404
28	DEDICATED RESOURCES	2359	2377	2075	2167	2221	2581	2442	2662	2366	2068	2017	2195	2455	2403	2331
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-369	-347	-562	-395	-486	-362	-522	-381	-328	-440	-490	-439	-156	-391	-404
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-369	-347	-562	-395	-486	-362	-522	-381	-328	-440	-490	-439	-156	-391	-404

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2344	2344	2331	2348	2568	2881	2873	2927	2539	2315	2315	2329	2251	2400	2509
2	EXPORTS	434	434	386	360	351	350	350	335	320	320	320	349	411	456	368
3	CONTRACTS OUT	143	143	229	229	229	229	229	229	229	229	229	143	229	143	208
4	TOTAL LOADS	2921	2921	2946	2937	3148	3460	3452	3491	3088	2864	2864	2821	2891	2999	3085
RESOURCES																
5	REGULATED HYDRO	243	264	273	280	369	403	362	490	392	330	414	267	381	299	345
6	INDEPENDENT HYDRO	152	150	145	169	170	239	218	298	243	247	247	234	181	154	204
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-3	-3	-4
10	CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
11	RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO	413	432	436	467	557	660	598	806	653	596	680	520	581	472	568
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	957	957	825	743	822	842	840	823	655	673	673	588	888	950	800
19	CONTRACTS IN	28	28	55	119	328	384	358	313	206	181	181	15	35	50	173
20	LARGE THERMAL	747	747	747	747	747	747	747	747	747	747	506	579	747	747	723
21	NON-UTILITY GENERATION	53	53	51	49	53	54	39	61	54	61	61	72	59	57	55
22	TOTAL RESOURCES	2208	2227	2124	2135	2517	2697	2592	2760	2325	2268	2111	1784	2320	2286	2329
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3
26	NET RESOURCES	2202	2224	2123	2135	2517	2697	2592	2760	2325	2268	2111	1783	2313	2268	2326
27	SURPLUS/DEFICIT	-719	-696	-823	-803	-632	-764	-861	-732	-763	-596	-753	-1038	-578	-731	-759
28	DEDICATED RESOURCES	2179	2197	2069	2015	2345	2469	2387	2599	2194	2160	2002	1760	2278	2232	2218
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-719	-696	-823	-803	-632	-764	-861	-732	-763	-596	-753	-1038	-578	-731	-759
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-719	-696	-823	-803	-632	-764	-861	-732	-763	-596	-753	-1038	-578	-731	-759

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2571	2571	2557	2576	2815	3157	3143	3090	2778	2534	2534	2550	2464	2628	2739
2	EXPORTS	440	440	391	365	356	357	283	270	259	264	264	294	352	385	335
3	CONTRACTS OUT	0	0	87	87	87	87	87	87	87	87	87	0	87	0	65
4	TOTAL LOADS	3011	3011	3035	3028	3258	3601	3513	3447	3124	2885	2885	2844	2903	3013	3138
RESOURCES																
5	REGULATED HYDRO	243	264	273	280	369	403	362	490	392	330	414	267	381	299	345
6	INDEPENDENT HYDRO	152	150	145	169	170	239	218	298	243	247	247	234	181	154	204
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE-COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
11	RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12	TOTAL HYDRO	411	430	434	465	555	658	596	804	651	593	677	517	578	469	565
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	777	777	436	465	465	712	718	723	590	637	637	764	780	828	658
19	CONTRACTS IN	28	28	55	119	328	384	358	313	206	181	181	15	35	50	173
20	LARGE THERMAL	747	747	747	747	747	747	747	747	747	437	543	691	747	747	721
21	NON-UTILITY GENERATION	53	53	51	49	53	54	39	61	54	61	61	72	59	58	55
22	TOTAL RESOURCES	2016	2035	1723	1845	2148	2555	2458	2648	2248	1909	2099	2059	2199	2152	2172
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3
26	NET RESOURCES	2010	2032	1722	1845	2148	2555	2458	2648	2248	1909	2099	2058	2192	2134	2169
27	SURPLUS/DEFICIT	-1001	-979	-1312	-1183	-1110	-1046	-1055	-799	-875	-975	-785	-786	-711	-879	-969
28	DEDICATED RESOURCES	1987	2005	1668	1725	1976	2327	2253	2487	2117	1801	1990	2035	2157	2097	2061
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-1001	-979	-1312	-1183	-1110	-1046	-1055	-799	-875	-975	-785	-786	-711	-879	-969
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-1001	-979	-1312	-1183	-1110	-1046	-1055	-799	-875	-975	-785	-786	-711	-879	-969

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	1884	1884	1901	2008	2230	2380	2443	2253	2185	2040	2040	1915	1873	1859	2081
2	EXPORTS	257	257	256	144	145	144	144	145	144	145	145	144	257	256	182
3	CONTRACTS OUT	3	3	74	74	85	85	85	85	74	74	74	3	74	3	60
4	TOTAL LOADS	2144	2144	2231	2226	2460	2609	2672	2483	2403	2259	2259	2062	2204	2118	2323
RESOURCES																
5	REGULATED HYDRO	458	477	404	400	474	591	463	526	449	428	605	541	578	500	492
6	INDEPENDENT HYDRO	18	18	15	15	15	29	27	29	28	28	28	28	21	19	23
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
12	TOTAL HYDRO	464	483	407	403	477	608	478	543	465	444	621	557	587	507	503
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	489	489	489	489	490	489	489	490	489	489	86	168	433	489	441
15	CSPE PURCHASE	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	216	216	216	216	216	216	216	216	216	216	166	216	194
18	IMPORTS	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
19	CONTRACTS IN	88	88	81	80	209	209	209	209	126	107	107	44	51	7	118
20	LARGE THERMAL	574	574	574	574	574	574	574	574	574	563	454	228	490	574	533
21	NON-UTILITY GENERATION	12	12	12	15	24	27	25	24	24	25	25	23	17	13	20
22	TOTAL RESOURCES	1675	1694	1827	1825	2142	2275	2143	2208	1942	1889	1554	1281	1789	1851	1891
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2
26	NET RESOURCES	1666	1683	1822	1821	2142	2275	2143	2208	1942	1889	1554	1279	1789	1849	1889
27	SURPLUS/DEFICIT	-478	-461	-410	-405	-318	-333	-529	-275	-461	-371	-706	-783	-415	-269	-434
28	DEDICATED RESOURCES	611	630	770	766	944	1075	945	1010	828	793	902	866	895	867	869
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-478	-461	-410	-405	-318	-333	-529	-275	-461	-371	-706	-783	-415	-269	-434
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-478	-461	-410	-405	-318	-333	-529	-275	-461	-371	-706	-783	-415	-269	-434

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	1951	1951	1967	2073	2295	2451	2509	2318	2249	2104	2104	1976	1936	1923	2146
2	EXPORTS	257	257	256	144	145	144	144	145	144	145	145	144	257	256	182
3	CONTRACTS OUT	3	3	89	89	99	99	99	100	89	89	89	3	89	3	71
4	TOTAL LOADS	2211	2211	2312	2306	2539	2694	2752	2563	2482	2338	2338	2123	2282	2182	2399
RESOURCES																
5	REGULATED HYDRO	458	477	404	400	474	591	463	526	449	428	605	541	578	500	492
6	INDEPENDENT HYDRO	18	18	15	15	15	29	27	29	28	28	28	28	21	19	23
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
10	CAN. ENT. RETURN (CANADA)	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
11	RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
12	TOTAL HYDRO	456	475	399	395	469	600	470	535	457	436	613	549	579	499	495
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	490	490	490	490	490	489	489	490	490	490	86	169	433	490	441
15	CSPE PURCHASE	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	216	216	216	216	216	216	216	216	216	216	216	146	151	216	205
18	IMPORTS	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
19	CONTRACTS IN	7	8	1	0	155	155	155	155	78	78	78	0	8	8	67
20	LARGE THERMAL	574	574	574	574	574	574	574	574	574	574	461	224	490	574	533
21	NON-UTILITY GENERATION	12	12	12	15	24	27	25	24	24	25	25	23	17	12	20
22	TOTAL RESOURCES	1774	1794	1711	1709	2051	2184	2052	2117	1858	1837	1497	1129	1696	1817	1814
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2
26	NET RESOURCES	1765	1783	1706	1705	2051	2184	2052	2117	1858	1837	1497	1127	1696	1814	1812
27	SURPLUS/DEFICIT	-446	-428	-606	-601	-488	-510	-700	-446	-624	-501	-841	-996	-586	-367	-586
28	DEDICATED RESOURCES	790	809	733	729	907	1038	908	973	791	769	874	757	845	832	844
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-446	-428	-606	-601	-488	-510	-700	-446	-624	-501	-841	-996	-586	-367	-586
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-446	-428	-606	-601	-488	-510	-700	-446	-624	-501	-841	-996	-586	-367	-586

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2058	2058	2073	2180	2410	2574	2643	2445	2378	2222	2222	2090	2049	2038	2263
2	EXPORTS	257	257	256	144	145	144	144	145	144	145	145	144	257	256	182
3	CONTRACTS OUT	3	3	89	89	100	100	99	100	89	89	89	3	89	3	71
4	TOTAL LOADS	2318	2318	2418	2413	2655	2818	2886	2690	2611	2456	2456	2237	2395	2297	2516
RESOURCES																
5	REGULATED HYDRO	458	477	404	400	474	591	463	526	449	428	605	541	578	500	492
6	INDEPENDENT HYDRO	18	18	15	15	15	29	27	29	28	28	28	28	21	19	23
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
11	RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
12	TOTAL HYDRO	450	469	393	389	463	594	464	529	451	430	607	543	573	493	489
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	490	490	490	490	490	489	489	490	490	490	86	169	433	490	441
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	216	216	216	216	216	216	216	216	216	216	216	147	151	216	205
18	IMPORTS	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
19	CONTRACTS IN	7	8	1	0	155	155	155	155	78	78	78	0	8	8	67
20	LARGE THERMAL	574	574	574	574	574	574	574	574	574	558	463	229	490	574	533
21	NON-UTILITY GENERATION	12	12	12	15	24	27	26	25	24	25	25	23	17	12	20
22	TOTAL RESOURCES	1750	1770	1687	1685	2027	2160	2029	2094	1834	1798	1476	1112	1673	1794	1791
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2
26	NET RESOURCES	1741	1759	1682	1681	2027	2160	2029	2094	1834	1798	1476	1110	1673	1791	1789
27	SURPLUS/DEFICIT	-577	-559	-736	-732	-628	-658	-857	-596	-777	-658	-980	-1127	-722	-505	-727
28	DEDICATED RESOURCES	766	785	709	705	883	1014	884	949	767	730	853	740	822	809	821
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-577	-559	-736	-732	-628	-658	-857	-596	-777	-658	-980	-1127	-722	-505	-727
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-577	-559	-736	-732	-628	-658	-857	-596	-777	-658	-980	-1127	-722	-505	-727

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2009	2009	2048	2298	2680	2981	3191	2997	2840	2489	2489	2240	2145	2015	2494
2	EXPORTS	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
3	CONTRACTS OUT	0	0	43	87	99	75	92	107	118	105	43	0	43	0	62
4	TOTAL LOADS	2150	2150	2232	2385	2779	3056	3283	3104	2958	2594	2532	2240	2329	2156	2603
RESOURCES																
5	REGULATED HYDRO	778	766	614	624	770	820	720	696	642	686	1120	926	1032	853	781
6	INDEPENDENT HYDRO	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
12	TOTAL HYDRO	793	776	617	625	765	846	730	737	667	728	1162	964	1069	871	802
13	SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
14	COMBUSTION TURBINES	0	0	0	0	148	144	144	157	0	0	0	0	0	0	49
15	CSPE PURCHASE	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	2	2	2	2	143	143	143	143	2	2	2	2	2	2	49
19	CONTRACTS IN	359	359	403	553	557	560	559	558	555	290	290	324	367	279	447
20	LARGE THERMAL	685	685	685	685	685	685	685	685	685	519	467	450	685	685	649
21	NON-UTILITY GENERATION	653	653	665	665	665	665	665	665	665	653	653	270	574	653	621
22	TOTAL RESOURCES	2539	2522	2419	2577	3016	3096	2979	2998	2621	2236	2618	2054	2741	2534	2666
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3
26	NET RESOURCES	2526	2515	2417	2577	3016	3096	2979	2998	2618	2233	2614	2048	2737	2522	2663
27	SURPLUS/DEFICIT	376	365	185	192	237	39	-304	-106	-340	-362	82	-192	408	366	60
28	DEDICATED RESOURCES	1319	1302	1143	1151	1416	1493	1377	1395	1193	1049	1544	1337	1557	1314	1332
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	376	365	185	192	237	39	-304	-106	-340	-362	82	-192	408	366	60
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	376	365	185	192	237	39	-304	-106	-340	-362	82	-192	408	366	60

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2216	2216	2261	2536	2957	3289	3486	3274	3103	2719	2719	2447	2344	2203	2736
2	EXPORTS	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
3	CONTRACTS OUT	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
4	TOTAL LOADS	2357	2357	2445	2579	3000	3332	3529	3317	3146	2762	2762	2447	2528	2344	2816
RESOURCES																
5	REGULATED HYDRO	758	746	595	606	750	800	701	678	624	668	1101	906	1013	823	761
6	INDEPENDENT HYDRO	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-7
10	CAN. ENT. RETURN (CANADA)	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-22	-23
11	RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
12	TOTAL HYDRO	759	742	584	593	731	812	697	705	635	696	1129	930	1036	829	768
13	SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
14	COMBUSTION TURBINES	0	0	0	0	148	144	144	158	0	0	0	0	0	0	49
15	CSPE PURCHASE	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	2	2	2	2	143	143	143	143	2	2	2	2	2	2	49
19	CONTRACTS IN	279	279	323	473	477	480	479	478	475	247	247	280	323	279	383
20	LARGE THERMAL	685	685	685	685	685	685	685	685	685	552	484	436	685	685	650
21	NON-UTILITY GENERATION	645	645	657	657	657	657	657	657	657	645	645	262	566	645	613
22	TOTAL RESOURCES	2388	2371	2269	2428	2865	2945	2829	2850	2472	2159	2524	1926	2629	2457	2533
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3
26	NET RESOURCES	2375	2364	2267	2428	2865	2945	2829	2850	2469	2155	2520	1921	2624	2445	2529
27	SURPLUS/DEFICIT	18	7	-178	-151	-135	-388	-700	-467	-677	-607	-242	-526	96	101	-286
28	DEDICATED RESOURCES	1176	1159	1001	1010	1273	1350	1235	1255	1052	979	1458	1218	1452	1245	1206
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	18	7	-178	-151	-135	-388	-700	-467	-677	-607	-242	-526	96	101	-286
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	18	7	-178	-151	-135	-388	-700	-467	-677	-607	-242	-526	96	101	-286

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	2379	2379	2426	2723	3175	3532	3752	3525	3341	2928	2928	2635	2524	2371	2943
2	EXPORTS	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
3	CONTRACTS OUT	152	152	195	195	43	43	43	43	43	43	43	0	43	152	83
4	TOTAL LOADS	2672	2672	2762	2918	3218	3575	3795	3568	3384	2971	2971	2635	2708	2664	3073
RESOURCES																
5	REGULATED HYDRO	698	689	556	565	690	741	655	640	586	630	983	795	903	767	700
6	INDEPENDENT HYDRO	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39
11	RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
12	TOTAL HYDRO	690	676	536	543	662	744	642	658	588	649	1002	810	917	762	698
13	SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
14	COMBUSTION TURBINES	0	0	0	0	148	144	144	158	0	0	0	0	0	0	49
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	2	2	2	2	143	143	143	143	2	2	2	2	2	2	49
19	CONTRACTS IN	80	80	123	123	275	275	275	275	123	46	46	80	123	80	156
20	LARGE THERMAL	685	685	685	685	685	685	685	685	685	506	489	454	685	685	650
21	NON-UTILITY GENERATION	645	645	657	657	657	657	657	657	657	645	645	262	566	645	613
22	TOTAL RESOURCES	2102	2088	2003	2010	2576	2654	2552	2582	2055	1848	2184	1607	2293	2174	2218
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3
26	NET RESOURCES	2089	2080	2002	2010	2576	2654	2552	2582	2052	1845	2180	1602	2289	2162	2215
27	SURPLUS/DEFICIT	-583	-591	-760	-908	-643	-922	-1244	-987	-1332	-1127	-791	-1033	-419	-502	-858
28	DEDICATED RESOURCES	1089	1075	935	942	1186	1264	1162	1190	987	869	1320	1098	1316	1161	1118
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-583	-591	-760	-908	-643	-922	-1244	-987	-1332	-1127	-791	-1033	-419	-502	-858
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-583	-591	-760	-908	-643	-922	-1244	-987	-1332	-1127	-791	-1033	-419	-502	-858

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
RESOURCES																
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
27	SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
27 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

MEDIUM LOADS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
RESOURCES																
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
27	SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	812	812	798	837	960	1051	1110	1036	931	849	849	809	800	802	900
2 EXPORTS	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24
3 CONTRACTS OUT	136	136	172	172	172	173	153	153	153	153	153	117	153	117	152
4 TOTAL LOADS	1025	1025	1048	1029	1132	1224	1263	1189	1084	1002	1002	926	991	1000	1076
RESOURCES															
5 REGULATED HYDRO	345	326	292	323	390	444	376	507	494	602	816	766	717	356	476
6 INDEPENDENT HYDRO	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12 TOTAL HYDRO	350	331	297	328	395	450	381	513	500	608	822	772	723	361	481
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
15 CSPE PURCHASE	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
16 RENEWABLES	45	45	45	45	45	45	44	44	44	27	27	0	0	27	34
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
19 CONTRACTS IN	80	80	80	80	145	145	145	148	112	106	106	11	11	0	89
20 LARGE THERMAL	392	392	392	392	392	392	391	392	391	320	216	302	392	392	374
21 NON-UTILITY GENERATION	67	67	67	67	68	70	70	72	73	74	74	48	49	69	66
22 TOTAL RESOURCES	1001	982	948	979	1155	1241	1172	1308	1226	1202	1312	1200	1242	916	1136
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1
26 NET RESOURCES	1000	982	948	979	1155	1241	1172	1308	1226	1202	1312	1200	1242	900	1135
27 SURPLUS/DEFICIT	-25	-43	-100	-50	23	17	-91	119	142	200	310	274	251	-100	59
28 DEDICATED RESOURCES	609	590	556	587	653	708	642	774	761	798	987	1027	984	622	734
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-25	-43	-100	-50	23	17	-91	119	142	200	310	274	251	-100	59
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-25	-43	-100	-50	23	17	-91	119	142	200	310	274	251	-100	59

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	825	825	807	839	960	1052	1110	1037	934	854	854	819	812	814	905
2	EXPORTS	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24
3	CONTRACTS OUT	75	75	118	118	118	118	118	118	118	118	118	75	118	75	107
4	TOTAL LOADS	977	977	1003	977	1078	1170	1228	1155	1052	972	972	894	968	970	1037
RESOURCES																
5	REGULATED HYDRO	345	326	292	323	390	444	376	507	494	602	816	766	717	356	476
6	INDEPENDENT HYDRO	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11	RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12	TOTAL HYDRO	349	330	296	327	394	449	380	512	499	607	821	771	722	360	480
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
15	CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	RENEWABLES	44	44	44	44	44	44	44	44	44	26	26	0	0	26	34
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
19	CONTRACTS IN	0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
20	LARGE THERMAL	392	392	392	392	392	392	392	392	391	392	253	273	392	392	376
21	NON-UTILITY GENERATION	66	66	67	67	68	70	70	72	73	74	74	48	49	69	66
22	TOTAL RESOURCES	910	891	858	889	1078	1164	1097	1229	1144	1197	1272	1151	1222	906	1073
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1
26	NET RESOURCES	909	891	858	889	1078	1164	1097	1229	1144	1197	1272	1151	1222	890	1071
27	SURPLUS/DEFICIT	-68	-86	-145	-88	0	-6	-131	74	92	225	300	257	254	-80	34
28	DEDICATED RESOURCES	602	583	549	580	647	702	633	765	752	860	1015	989	975	613	728
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-68	-86	-145	-88	0	-6	-131	74	92	225	300	257	254	-80	34
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-68	-86	-145	-88	0	-6	-131	74	92	225	300	257	254	-80	34

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	834	834	811	841	962	1056	1117	1043	937	858	858	826	821	824	911
2 EXPORTS	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24
3 CONTRACTS OUT	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
4 TOTAL LOADS	911	911	932	904	1005	1099	1160	1086	980	901	901	826	902	905	968
RESOURCES															
5 REGULATED HYDRO	345	326	292	323	390	444	376	507	494	602	816	766	717	356	476
6 INDEPENDENT HYDRO	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
11 RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
12 TOTAL HYDRO	348	329	295	326	393	448	379	511	498	606	820	770	721	359	479
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	45	45	45	45	45	45	45	45	45	27	27	0	0	27	34
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
19 CONTRACTS IN	0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
20 LARGE THERMAL	391	391	392	391	391	391	392	391	392	293	265	308	391	392	375
21 NON-UTILITY GENERATION	6	6	6	5	6	5	5	6	6	8	8	6	7	6	6
22 TOTAL RESOURCES	844	825	792	821	1010	1093	1027	1157	1073	1027	1213	1138	1173	838	1006
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1
26 NET RESOURCES	843	825	792	821	1010	1093	1027	1157	1073	1027	1213	1138	1173	822	1005
27 SURPLUS/DEFICIT	-68	-86	-140	-83	5	-6	-133	71	93	126	312	312	271	-83	37
28 DEDICATED RESOURCES	596	577	543	574	641	696	627	759	746	756	1021	1018	969	607	721
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-68	-86	-140	-83	5	-6	-133	71	93	126	312	312	271	-83	37
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-68	-86	-140	-83	5	-6	-133	71	93	126	312	312	271	-83	37

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	142	142	141	151	165	177	185	171	162	148	148	142	141	148	156
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	8	8	1	0	0	0	0	0	0	0	0	0	7	7	2
4	TOTAL LOADS	150	150	142	151	165	177	185	171	162	148	148	142	148	155	158
RESOURCES																
5	REGULATED HYDRO	236	211	202	205	234	226	225	213	191	207	255	216	216	236	218
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	232	207	198	201	230	222	221	209	187	203	251	212	212	232	214
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	1	1	1	1	11	11	12	11	1	1	1	1	1	1	4
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	236	211	202	205	244	236	236	223	191	207	255	216	216	236	222
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	236	211	202	205	244	236	236	223	191	207	255	216	216	236	222
27	SURPLUS/DEFICIT	86	61	60	54	79	59	51	52	29	59	107	74	68	81	64
28	DEDICATED RESOURCES	226	200	193	196	224	216	216	204	182	198	245	207	206	225	208
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	86	61	60	54	79	59	51	52	29	59	107	74	68	81	64
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	86	61	60	54	79	59	51	52	29	59	107	74	68	81	64
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	86	61	60	54	79	59	51	52	29	59	107	74	68	81	64

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	165	165	165	175	190	205	212	196	185	170	170	163	162	169	180
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
4 TOTAL LOADS	172	173	166	175	190	205	212	196	185	170	170	163	170	177	182
RESOURCES															
5 REGULATED HYDRO	256	231	221	223	254	246	244	231	209	225	274	236	235	266	238
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-1
10 CAN. ENT. RETURN (CANADA)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-6	-5
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	250	225	215	217	248	240	238	225	203	219	268	230	229	258	232
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	1	1	1	1	12	12	11	11	1	1	1	1	1	1	4
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	252	227	217	219	261	253	250	237	205	221	270	232	231	260	237
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	252	227	217	219	261	253	250	237	205	221	270	232	231	260	237
27 SURPLUS/DEFICIT	80	54	51	44	71	48	38	41	20	51	100	69	61	83	56
28 DEDICATED RESOURCES	242	216	207	210	240	232	231	218	196	212	261	222	221	250	224
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	80	54	51	44	71	48	38	41	20	51	100	69	61	83	56
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	80	54	51	44	71	48	38	41	20	51	100	69	61	83	56
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	80	54	51	44	71	48	38	41	20	51	100	69	61	83	56

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	184	184	182	192	207	223	231	214	202	186	186	180	180	187	197
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
4	TOTAL LOADS	191	192	183	192	207	223	231	214	202	186	186	180	188	195	199
RESOURCES																
5	REGULATED HYDRO	316	288	260	264	314	305	290	269	247	263	392	347	345	322	299
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	306	278	250	254	304	295	280	259	237	253	382	337	335	312	289
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	1	1	1	1	12	12	11	11	1	1	1	1	1	1	4
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	307	279	251	255	316	307	291	270	238	254	383	338	336	313	294
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	307	279	251	255	316	307	291	270	238	254	383	338	336	313	294
27	SURPLUS/DEFICIT	116	87	68	63	109	84	60	56	36	68	197	158	148	118	94
28	DEDICATED RESOURCES	297	268	242	245	295	286	272	251	229	245	373	328	326	303	281
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	116	87	68	63	109	84	60	56	36	68	197	158	148	118	94
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	116	87	68	63	109	84	60	56	36	68	197	158	148	118	94
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	116	87	68	63	109	84	60	56	36	68	197	158	148	118	94

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	516	516	515	544	579	581	603	590	581	563	563	542	523	531	556
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	516	516	515	544	579	581	603	590	581	563	563	542	523	531	556
RESOURCES															
5 REGULATED HYDRO	27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	-1
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12 TOTAL HYDRO	29	31	31	36	47	45	43	51	42	52	64	25	45	37	41
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	36	38	38	43	54	52	50	58	49	58	70	31	51	43	47
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	36	38	38	43	54	52	50	58	49	58	70	31	51	43	47
27 SURPLUS/DEFICIT	-480	-478	-477	-501	-525	-529	-553	-532	-532	-505	-493	-511	-472	-488	-508
28 DEDICATED RESOURCES	36	38	38	43	54	52	50	58	49	58	70	31	51	43	47
29 BPA PWR SLE CNTRCT PURCH	480	478	477	501	525	529	553	532	532	505	493	511	472	488	508
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	563	563	560	586	616	613	633	622	616	601	601	582	564	569	594
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	563	563	560	586	616	613	633	622	616	601	601	582	564	569	594
RESOURCES																
5	REGULATED HYDRO	27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12	TOTAL HYDRO	30	32	32	37	48	46	44	52	43	52	64	25	45	37	41
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	33	35	35	40	51	49	47	55	46	55	67	28	48	40	44
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	33	35	35	40	51	49	47	55	46	55	67	28	48	40	44
27	SURPLUS/DEFICIT	-530	-528	-525	-546	-565	-564	-586	-567	-570	-546	-534	-554	-516	-529	-549
28	DEDICATED RESOURCES	33	35	35	40	51	49	47	55	46	55	67	28	48	40	44
29	BPA PWR SLE CNTRCT PURCH	530	528	525	546	565	564	586	567	570	546	534	554	516	529	549
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	589	589	585	605	628	621	639	632	629	619	619	604	588	596	611
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	589	589	585	605	628	621	639	632	629	619	619	604	588	596	611
RESOURCES															
5 REGULATED HYDRO	27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11 RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12 TOTAL HYDRO	29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
27 SURPLUS/DEFICIT	-560	-558	-554	-569	-581	-576	-596	-581	-587	-568	-556	-580	-544	-560	-571
28 DEDICATED RESOURCES	29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
29 BPA PWR SLE CNTRCT PURCH	560	558	554	569	581	576	596	581	587	568	556	580	544	560	571
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	74	74	73	79	88	96	106	96	87	75	75	73	74	80	83
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	TOTAL LOADS	75	75	74	80	89	97	107	97	88	76	76	74	75	81	84
RESOURCES																
5	REGULATED HYDRO	101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4	-4	-5
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	96	97	78	79	99	99	85	75	75	75	130	123	128	100	95
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	97	98	79	80	100	100	86	76	76	76	131	124	129	101	96
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	97	98	79	80	100	100	86	76	76	76	131	124	129	101	96
27	SURPLUS/DEFICIT	22	23	5	0	11	3	-21	-21	-12	0	55	50	54	20	12
28	DEDICATED RESOURCES	96	97	78	79	99	99	85	75	75	75	130	123	128	100	95
29	BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	22	23	5	0	11	3	-21	-21	-12	0	55	50	54	20	12
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	22	23	5	0	11	3	-21	-21	-12	0	55	50	54	20	12
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	22	23	5	0	11	3	-21	-21	-12	0	55	50	54	20	12

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	98	98	97	105	117	128	142	127	115	99	99	97	97	103	110
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	TOTAL LOADS	99	99	98	106	118	129	143	128	116	100	100	98	98	104	111
RESOURCES																
5	REGULATED HYDRO	101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	94	95	76	77	97	97	83	73	73	72	127	120	125	97	93
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	94	95	76	77	97	97	83	73	73	72	127	120	125	97	93
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	94	95	76	77	97	97	83	73	73	72	127	120	125	97	93
27	SURPLUS/DEFICIT	-5	-4	-22	-29	-21	-32	-60	-55	-43	-28	27	22	27	-7	-19
28	DEDICATED RESOURCES	93	94	75	76	96	96	82	72	72	71	126	119	124	96	92
29	BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-5	-4	-22	-29	-21	-32	-60	-55	-43	-28	27	22	27	-7	-19
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-5	-4	-22	-29	-21	-32	-60	-55	-43	-28	27	22	27	-7	-19
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-5	-4	-22	-29	-21	-32	-60	-55	-43	-28	27	22	27	-7	-19

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	120	120	118	127	142	155	172	154	139	118	118	116	118	124	134
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	TOTAL LOADS	121	121	119	128	143	156	173	155	140	119	119	117	119	125	134
RESOURCES																
5	REGULATED HYDRO	101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	92	93	74	75	95	95	81	71	71	70	125	118	123	95	91
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	92	93	74	75	95	95	81	71	71	70	125	118	123	95	91
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	92	93	74	75	95	95	81	71	71	70	125	118	123	95	91
27	SURPLUS/DEFICIT	-29	-28	-45	-53	-48	-61	-92	-84	-69	-49	6	1	4	-30	-44
28	DEDICATED RESOURCES	91	92	73	74	94	94	80	70	70	69	124	117	122	94	90
29	BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-29	-28	-45	-53	-48	-61	-92	-84	-69	-49	6	1	4	-30	-44
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-29	-28	-45	-53	-48	-61	-92	-84	-69	-49	6	1	4	-30	-44
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-29	-28	-45	-53	-48	-61	-92	-84	-69	-49	6	1	4	-30	-44

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	237	237	240	270	322	352	371	350	320	293	293	262	240	234	291
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	237	237	240	270	322	352	371	350	320	293	293	262	240	234	291
RESOURCES																
5	REGULATED HYDRO	36	38	35	32	34	39	37	36	36	36	43	37	47	39	37
6	INDEPENDENT HYDRO	12	10	8	11	11	22	17	21	20	16	15	17	13	10	15
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	48	48	43	43	45	61	54	57	56	52	58	54	60	49	52
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	5	6	4	0	1	2	9	9	37	37	11	9
22	TOTAL RESOURCES	78	78	73	78	81	88	84	88	88	90	96	120	126	82	90
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2
26	NET RESOURCES	78	74	71	76	77	88	84	88	86	86	92	116	126	82	88
27	SURPLUS/DEFICIT	-159	-163	-169	-194	-245	-264	-287	-262	-234	-207	-201	-146	-114	-152	-203
28	DEDICATED RESOURCES	60	60	55	60	63	77	66	70	70	72	77	102	107	71	73
29	BPA PWR SLE CNTRCT PURCH	179	179	181	204	243	265	280	264	241	221	221	198	181	176	219
30	SURPLUS/DEFICIT W/PURCHASE	20	16	12	10	-2	1	-7	2	7	14	20	52	67	24	17
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	20	16	12	10	-2	1	-7	2	7	14	20	52	67	24	17
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	20	16	12	10	-2	1	-7	2	7	14	20	52	67	24	17

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	259	259	263	293	346	375	393	373	343	315	315	284	260	252	313
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	259	259	263	293	346	375	393	373	343	315	315	284	260	252	313
RESOURCES																
5	REGULATED HYDRO	36	38	35	32	34	39	37	36	36	36	43	37	47	39	37
6	INDEPENDENT HYDRO	12	10	8	11	12	22	17	21	20	16	15	17	13	10	15
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	48	48	43	43	46	61	54	57	56	52	58	54	60	49	52
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
22	TOTAL RESOURCES	126	126	121	127	131	140	136	140	140	141	147	168	174	130	140
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2
26	NET RESOURCES	126	122	119	125	127	140	136	140	138	137	143	164	174	130	138
27	SURPLUS/DEFICIT	-133	-137	-144	-168	-219	-235	-257	-233	-205	-178	-172	-120	-86	-122	-175
28	DEDICATED RESOURCES	108	108	103	109	113	129	118	122	122	123	128	150	155	119	123
29	BPA PWR SLE CNTRCT PURCH	159	159	161	179	212	230	241	228	210	193	193	174	159	154	192
30	SURPLUS/DEFICIT W/PURCHASE	26	22	17	12	-7	-5	-16	-5	5	15	21	54	73	32	17
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	26	22	17	12	-7	-5	-16	-5	5	15	21	54	73	32	17
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	26	22	17	12	-7	-5	-16	-5	5	15	21	54	73	32	17

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	279	279	283	312	365	395	412	393	363	335	335	303	279	272	333
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	279	279	283	312	365	395	412	393	363	335	335	303	279	272	333
RESOURCES																
5	REGULATED HYDRO	36	38	35	32	34	39	37	36	36	36	43	37	47	39	37
6	INDEPENDENT HYDRO	12	10	8	11	12	22	17	21	20	16	15	17	13	10	15
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	47	47	42	42	45	60	53	56	55	51	57	53	59	48	51
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
22	TOTAL RESOURCES	119	119	114	120	124	133	129	133	133	135	141	162	168	124	133
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2
26	NET RESOURCES	119	115	112	118	120	133	129	133	131	131	137	158	168	124	132
27	SURPLUS/DEFICIT	-160	-164	-171	-194	-245	-262	-283	-260	-232	-204	-198	-145	-111	-148	-201
28	DEDICATED RESOURCES	101	101	96	102	106	122	111	115	115	117	122	144	149	113	116
29	BPA PWR SLE CNTRCT PURCH	183	183	185	204	239	259	270	257	238	219	219	199	183	178	218
30	SURPLUS/DEFICIT W/PURCHASE	23	19	15	11	-6	-3	-13	-3	6	16	22	54	72	30	17
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	23	19	15	11	-6	-3	-13	-3	6	16	22	54	72	30	17
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	23	19	15	11	-6	-3	-13	-3	6	16	22	54	72	30	17

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	385	385	336	326	320	364	390	361	330	338	338	373	408	389	360
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
4	TOTAL LOADS	398	398	346	334	327	372	399	368	338	348	348	386	422	403	370
RESOURCES																
5	REGULATED HYDRO	280	335	271	273	344	340	298	264	264	263	484	324	465	350	323
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
12	TOTAL HYDRO	271	326	262	264	335	331	289	255	255	254	475	315	456	341	314
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	11	11	14	15	14	7
22	TOTAL RESOURCES	284	339	270	270	336	332	290	256	257	266	487	330	472	356	321
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURSES	284	339	270	270	336	332	290	256	257	266	487	330	472	356	321
27	SURPLUS/DEFICIT	-114	-59	-76	-64	9	-40	-109	-112	-81	-82	139	-56	50	-47	-49
28	DEDICATED RESOURCES	231	281	226	230	294	290	251	222	221	219	418	271	397	293	273
28A	BPA PWR SLE CN PURCH(METR)	4	4	4	6	9	14	12	11	8	6	6	4	4	4	7
28B	BPA PWR SLE CN PUR(COMPTE)	86	86	75	73	71	81	87	81	74	76	76	83	91	87	80
30	SURPLUS/DEFICIT W/PURCHASE	-24	31	3	14	90	55	-9	-21	1	-1	220	32	145	44	39
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-24	31	3	14	90	55	-9	-21	1	-1	220	32	145	44	39
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-24	31	3	14	90	55	-9	-21	1	-1	220	32	145	44	39

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	428	428	372	359	348	393	424	395	362	373	373	415	454	432	396
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
4 TOTAL LOADS	441	441	382	367	355	401	433	402	370	383	383	428	468	446	406
RESOURCES															
5 REGULATED HYDRO	280	335	271	273	344	340	298	264	264	263	484	324	465	350	323
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
11 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
12 TOTAL HYDRO	264	319	255	257	328	324	282	248	248	247	468	308	449	334	307
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	10	11	14	15	14	7
22 TOTAL RESOURCES	276	331	262	262	328	324	282	248	249	258	480	323	465	349	314
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURSES	276	331	262	262	328	324	282	248	249	258	480	323	465	349	314
27 SURPLUS/DEFICIT	-165	-110	-120	-105	-27	-77	-151	-154	-121	-125	97	-105	-3	-97	-93
28 DEDICATED RESOURCES	223	273	218	222	286	282	243	214	213	212	411	264	390	286	265
28A BPA PWR SLE CN PURCH(METR)	5	5	6	8	13	20	18	16	11	9	9	6	6	6	10
28B BPA PWR SLE CN PUR(COMPTE)	131	131	114	110	106	120	130	121	111	114	114	127	139	132	121
30 SURPLUS/DEFICIT W/PURCHASE	-29	26	-1	13	93	63	-3	-18	1	-3	219	28	142	41	39
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-29	26	-1	13	93	63	-3	-18	1	-3	219	28	142	41	39
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	-29	26	-1	13	93	63	-3	-18	1	-3	219	28	142	41	39

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	473	473	411	392	376	423	444	414	382	397	397	444	488	471	426
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
4	TOTAL LOADS	486	486	421	400	383	431	453	421	390	407	407	457	502	485	436
RESOURCES																
5	REGULATED HYDRO	280	335	271	273	344	340	298	264	264	263	484	324	465	350	323
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
11	RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
12	TOTAL HYDRO	259	314	250	252	323	319	277	243	243	242	463	303	444	329	302
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	11	11	14	14	14	6
22	TOTAL RESOURCES	271	326	257	257	323	319	277	243	244	253	474	317	458	343	308
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURSES	271	326	257	257	323	319	277	243	244	253	474	317	458	343	308
27	SURPLUS/DEFICIT	-215	-160	-164	-143	-60	-112	-176	-178	-146	-154	67	-140	-44	-142	-128
28	DEDICATED RESOURCES	218	268	213	217	281	277	238	209	208	206	405	258	384	280	260
28A	BPA PWR SLE CN PURCH(METR)	8	8	9	13	21	32	29	26	18	14	14	10	10	10	16
28B	BPA PWR SLE CN PUR(COMPTE)	167	167	145	138	133	149	157	146	135	140	140	157	172	166	150
30	SURPLUS/DEFICIT W/PURCHASE	-40	15	-10	8	94	69	9	-7	7	-1	220	26	138	34	39
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-40	15	-10	8	94	69	9	-7	7	-1	220	26	138	34	39
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-40	15	-10	8	94	69	9	-7	7	-1	220	26	138	34	39

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1A	SYSTEM LOADS PF PURCHASE	35	35	35	38	44	47	56	50	47	43	43	37	34	34	42
1B	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
4	TOTAL LOADS 1/	99	99	113	116	122	121	128	124	119	119	119	115	112	100	116
RESOURCES																
5	REGULATED HYDRO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	53	33	43	59	52	52	47	56	55	62	73	75	59	41	54
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	90	70	80	96	89	89	84	93	92	98	109	111	95	77	91
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	90	70	80	96	89	89	84	93	92	98	109	111	95	77	91
27	SURPLUS/DEFICIT	-9	-29	-33	-20	-33	-32	-44	-30	-27	-21	-10	-4	-17	-23	-25
28	DEDICATED RESOURCES 2/	18	-1	-7	10	3	6	4	11	11	13	24	25	9	3	8
29	BPA PWR SLE CNTRCT PURCH	18	36	42	29	42	41	52	39	36	30	19	13	26	32	33
30	SURPLUS/DEFICIT W/PURCHASE	9	7	9	9	9	9	9	9	9	9	9	9	9	9	9
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	9	7	9	9	9	9	9	9	9	9	9	9	9	9	9
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	9	7	9	9	9	9	9	9	9	9	9	9	9	9	9

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD BEGINNING JULY 1989

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1A	SYSTEM LOADS PF PURCHASE	38	38	37	40	46	49	56	50	48	44	44	38	36	38	43
1B	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
4	TOTAL LOADS 1/	102	102	115	118	124	123	128	124	120	120	120	116	114	104	117
RESOURCES																
5	REGULATED HYDRO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	53	33	43	59	52	52	47	56	55	62	73	75	59	41	54
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	81	61	71	87	80	80	75	84	83	90	101	103	87	69	82
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	81	61	71	87	80	80	75	84	83	90	101	103	87	69	82
27	SURPLUS/DEFICIT	-22	-42	-45	-32	-45	-44	-53	-40	-38	-31	-20	-14	-28	-36	-36
28	DEDICATED RESOURCES 2/	17	-2	-8	9	2	5	3	10	10	13	24	25	9	3	8
29	BPA PWR SLE CNTRCT PURCH	22	40	45	32	45	44	53	40	38	31	20	14	28	36	36
30	SURPLUS/DEFICIT W/PURCHASE	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD BEGINNING JULY 1989
2/ DEDICATED RESOURCES ARE REDUCED TO MEET PONDERAY FIBRE MILL BEGINNING JULY 1989

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1A	SYSTEM LOADS PF PURCHASE	41	41	41	43	48	51	59	53	51	46	46	41	39	42	46
1B	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	2	2	12	12	12	9	7	9	8	11	11	12	12	3	9
4	TOTAL LOADS 1/	105	105	115	117	122	122	128	124	121	119	119	115	113	107	117
RESOURCES																
5	REGULATED HYDRO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	53	33	43	59	52	52	47	56	55	62	73	75	59	41	54
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	84	64	74	90	83	83	78	87	86	93	104	106	90	72	85
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	84	64	74	90	83	83	78	87	86	93	104	106	90	72	85
27	SURPLUS/DEFICIT	-21	-41	-41	-27	-39	-39	-50	-37	-35	-26	-15	-9	-23	-35	-32
28	DEDICATED RESOURCES 2/	21	1	0	16	9	12	9	16	16	20	31	32	16	7	14
29	BPA PWR SLE CNTRCT PURCH	21	41	41	27	39	39	50	37	35	26	15	9	23	35	32
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	892	892	903	1045	1178	1228	1288	1176	1197	1080	1080	963	910	892	1063
2	EXPORTS	54	54	65	49	0	0	0	0	0	0	0	0	65	65	25
3	CONTRACTS OUT	82	82	43	78	28	28	28	28	28	28	28	28	28	128	46
4	TOTAL LOADS	1028	1028	1011	1172	1206	1256	1316	1204	1225	1108	1108	991	1003	1085	1133
RESOURCES																
5	REGULATED HYDRO	504	404	403	644	616	613	617	670	639	651	867	752	752	580	625
6	INDEPENDENT HYDRO	15	15	11	14	7	6	15	34	17	14	14	13	12	12	14
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO	520	420	415	659	624	620	633	705	657	666	882	766	765	593	640
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	33	33	33	33	33	33	33	33	33	32	32	32	32	32	33
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19	CONTRACTS IN	52	52	16	16	41	62	60	62	10	14	14	16	16	4	31
20	LARGE THERMAL	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
21	NON-UTILITY GENERATION	121	121	76	28	4	5	10	12	28	88	88	134	141	138	65
22	TOTAL RESOURCES	883	783	692	894	865	899	928	1013	922	899	1101	1074	1129	930	932
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
26	NET RESOURCES	883	783	692	891	865	899	928	1013	922	899	1101	1067	1126	930	930
27	SURPLUS/DEFICIT	-144	-244	-319	-281	-341	-356	-388	-191	-302	-208	-6	76	123	-155	-203
28	DEDICATED RESOURCES	770	670	629	832	789	792	820	905	865	866	1068	1047	1067	868	858
29	BPA PWR SLE CNTRCT PURCH	173	173	175	202	228	238	249	228	232	209	209	186	176	173	206
30	SURPLUS/DEFICIT W/PURCHASE	28	-72	-145	-79	-113	-119	-139	37	-71	1	203	262	299	18	3
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	28	-72	-145	-79	-113	-119	-139	37	-71	1	203	262	299	18	3
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	28	-72	-145	-79	-113	-119	-139	37	-71	1	203	262	299	18	3

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	912	912	921	1059	1180	1224	1289	1181	1209	1096	1096	982	930	916	1075
2 EXPORTS	54	54	65	49	0	0	0	0	0	0	0	0	65	65	25
3 CONTRACTS OUT	82	82	43	78	28	28	28	28	28	28	28	28	28	128	46
4 TOTAL LOADS	1048	1048	1029	1186	1208	1252	1317	1209	1237	1124	1124	1010	1023	1109	1146
RESOURCES															
5 REGULATED HYDRO	504	404	403	644	616	613	617	670	639	651	867	752	752	580	625
6 INDEPENDENT HYDRO	15	15	11	14	7	6	15	34	17	14	14	13	12	12	14
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11 RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12 TOTAL HYDRO	520	420	415	659	624	620	633	705	657	666	882	766	765	593	640
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19 CONTRACTS IN	52	52	16	16	41	62	60	62	10	14	14	16	16	4	31
20 LARGE THERMAL	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
21 NON-UTILITY GENERATION	120	121	76	28	4	5	10	12	27	88	88	134	141	138	65
22 TOTAL RESOURCES	862	763	672	874	845	879	908	993	901	917	1101	1039	1109	910	913
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
26 NET RESOURCES	862	763	672	871	845	879	908	993	901	917	1101	1032	1106	910	911
27 SURPLUS/DEFICIT	-185	-284	-357	-315	-363	-372	-409	-216	-335	-206	-22	22	83	-199	-234
28 DEDICATED RESOURCES	749	650	609	812	769	772	800	885	844	884	1068	1012	1047	848	839
29 BPA PWR SLE CNTRCT PURCH	201	201	203	233	260	270	284	260	266	241	241	216	205	202	237
30 SURPLUS/DEFICIT W/PURCHASE	16	-83	-154	-82	-103	-103	-125	44	-69	35	219	238	288	3	3
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	16	-83	-154	-82	-103	-103	-125	44	-69	35	219	238	288	3	3
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	16	-83	-154	-82	-103	-103	-125	44	-69	35	219	238	288	3	3

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	942	942	951	1083	1194	1232	1298	1194	1228	1121	1121	1010	960	949	1097
2	EXPORTS	19	19	30	15	0	0	0	0	0	0	0	0	30	30	10
3	CONTRACTS OUT	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
4	TOTAL LOADS	992	992	1012	1129	1225	1263	1329	1225	1259	1152	1152	1041	1021	1010	1138
RESOURCES																
5	REGULATED HYDRO	504	404	403	644	616	613	617	670	639	651	867	752	752	580	625
6	INDEPENDENT HYDRO	15	15	11	14	7	6	15	34	17	14	14	13	12	12	14
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11	RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO	519	419	414	658	623	619	632	704	656	665	881	765	764	592	639
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	18	18	13	19	59	75	88	97	90	33	33	26	36	24	48
19	CONTRACTS IN	2	2	12	12	12	9	7	9	8	11	11	12	12	3	9
20	LARGE THERMAL	104	104	104	104	104	104	104	104	104	51	78	104	104	104	101
21	NON-UTILITY GENERATION	120	121	75	28	4	5	10	12	27	88	88	134	141	138	65
22	TOTAL RESOURCES	763	664	618	821	802	812	841	926	885	848	1091	1041	1057	861	862
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
26	NET RESOURCES	763	664	618	818	802	812	841	926	885	848	1091	1034	1054	861	861
27	SURPLUS/DEFICIT	-230	-329	-394	-311	-423	-451	-488	-299	-374	-304	-61	-7	33	-149	-277
28	DEDICATED RESOURCES	731	632	587	790	747	751	780	865	824	811	1054	1010	1026	830	819
29	BPA PWR SLE CNTRCT PURCH	240	240	242	276	304	314	331	304	313	286	286	257	245	242	279
30	SURPLUS/DEFICIT W/PURCHASE	10	-89	-152	-36	-119	-137	-157	5	-62	-19	224	250	277	93	2
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	10	-89	-152	-36	-119	-137	-157	5	-62	-19	224	250	277	93	2
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	10	-89	-152	-36	-119	-137	-157	5	-62	-19	224	250	277	93	2

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	511	511	555	623	779	826	872	867	748	681	681	590	547	506	675
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
4	TOTAL LOADS	515	515	559	627	785	834	879	873	754	686	686	594	551	509	680
RESOURCES																
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	103	103	103	103	103	103	103	103	103	66	52	100	103	103	99
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	125	125	128	129	126	132	163	227	173	159	145	177	182	166	157
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	125	125	128	129	126	132	163	227	173	159	145	177	182	166	157
27	SURPLUS/DEFICIT	-390	-390	-431	-498	-659	-702	-716	-646	-581	-527	-541	-417	-369	-343	-524
28	DEDICATED RESOURCES	125	125	128	129	126	132	136	200	146	121	107	139	144	128	137
29	BPA PWR SLE CNTRCT PURCH	389	389	431	498	658	701	743	673	608	565	579	455	407	381	543
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	567	567	616	687	850	895	934	932	808	740	740	643	598	561	736
2	EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
3	CONTRACTS OUT	4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
4	TOTAL LOADS	607	607	656	717	882	929	967	964	840	771	771	673	635	597	770
RESOURCES																
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	38	38	27	27	27	27	27	27	27	38	38	38	38	38	32
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	103	103	103	103	103	103	103	103	103	103	72	85	103	103	100
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	161	161	153	154	151	157	161	225	171	194	163	160	180	164	168
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	161	161	153	154	151	157	161	225	171	194	163	160	180	164	168
27	SURPLUS/DEFICIT	-446	-446	-503	-563	-731	-772	-806	-739	-669	-577	-608	-513	-455	-433	-602
28	DEDICATED RESOURCES	123	123	126	127	124	130	134	198	144	156	125	122	142	126	137
29	BPA PWR SLE CNTRCT PURCH	483	483	530	590	757	798	833	766	696	615	646	551	493	471	633
30	SURPLUS/DEFICIT W/PURCHASE	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	647	647	701	775	951	996	1039	1042	907	835	835	730	681	642	829
2	EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	683	683	737	801	977	1022	1065	1068	933	861	861	756	714	675	858
RESOURCES																
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	38	38	27	27	27	27	27	27	27	38	38	38	38	38	32
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	103	103	103	103	103	103	103	103	103	52	79	103	103	103	100
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	159	159	151	152	149	155	159	223	169	141	168	176	178	162	166
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	159	159	151	152	149	155	159	223	169	141	168	176	178	162	166
27	SURPLUS/DEFICIT	-524	-524	-586	-649	-828	-867	-906	-845	-764	-720	-693	-580	-536	-513	-692
28	DEDICATED RESOURCES	121	121	124	125	122	128	132	196	142	103	130	138	140	124	134
29	BPA PWR SLE CNTRCT PURCH	562	562	613	676	855	894	933	872	791	758	731	618	574	551	723
30	SURPLUS/DEFICIT W/PURCHASE	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	38	38	27	27	27	27	27	27	27	38	38	38	38	38	31

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	548	548	555	619	711	764	770	732	700	644	644	588	546	542	643
2	EXPORTS	41	41	69	67	40	29	20	23	32	41	41	41	41	41	40
3	CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
4	TOTAL LOADS	639	639	624	686	751	793	790	755	732	685	685	629	587	583	688
RESOURCES																
5	REGULATED HYDRO	155	164	216	244	247	335	408	390	277	243	275	225	242	188	266
6	INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	158	167	219	248	251	339	412	394	281	247	279	229	246	191	270
13	SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	33	33	33	33	33	33	33	33	33	32	32	32	32	32	33
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
20	LARGE THERMAL	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
21	NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
22	TOTAL RESOURCES	371	380	412	473	411	499	572	554	445	403	421	410	448	409	452
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	371	380	412	473	411	499	572	554	445	403	421	410	448	409	452
27	SURPLUS/DEFICIT	-268	-259	-212	-213	-340	-294	-218	-201	-287	-282	-264	-219	-139	-174	-236
28	DEDICATED RESOURCES	281	290	342	370	373	461	534	516	403	331	349	347	368	314	387
29	BPA PWR SLE CNTRCT PURCH	218	218	221	246	283	304	306	291	279	256	256	234	217	216	256
30	SURPLUS/DEFICIT W/PURCHASE	-50	-41	9	33	-57	10	88	90	-8	-26	-8	15	78	42	20
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-50	-41	9	33	-57	10	88	90	-8	-26	-8	15	78	42	20
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-50	-41	9	33	-57	10	88	90	-8	-26	-8	15	78	42	20

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

1999- .0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	573	573	579	640	727	778	778	742	714	660	660	605	564	562	660
2 EXPORTS	41	41	69	67	41	29	20	23	32	41	41	41	41	41	40
3 CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
4 TOTAL LOADS	664	664	648	707	768	807	798	765	746	701	701	646	605	603	705
RESOURCES															
5 REGULATED HYDRO	155	164	216	244	247	335	408	390	277	243	275	225	242	188	266
6 INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	158	167	219	248	251	339	412	394	281	247	279	229	246	191	270
13 SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
20 LARGE THERMAL	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
21 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
22 TOTAL RESOURCES	351	360	392	453	391	479	552	534	425	421	421	375	428	389	433
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	351	360	392	453	391	479	552	534	425	421	421	375	428	389	433
27 SURPLUS/DEFICIT	-313	-304	-256	-254	-377	-328	-246	-231	-321	-280	-280	-271	-177	-214	-272
28 DEDICATED RESOURCES	275	284	336	364	367	455	528	510	397	362	362	325	361	307	383
29 BPA PWR SLE CNTRCT PURCH	241	241	243	269	306	327	327	312	300	278	278	254	237	236	278
30 SURPLUS/DEFICIT W/PURCHASE	-72	-63	-13	15	-71	-1	81	81	-21	-2	-2	-17	60	22	6
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-72	-63	-13	15	-71	-1	81	81	-21	-2	-2	-17	60	22	6
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	-72	-63	-13	15	-71	-1	81	81	-21	-2	-2	-17	60	22	6

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	591	591	597	653	735	782	789	756	730	680	680	627	586	583	676
2	EXPORTS	41	41	69	67	41	29	0	0	0	0	0	0	0	0	21
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	632	632	666	720	776	811	789	756	730	680	680	627	586	583	696
RESOURCES																
5	REGULATED HYDRO	155	164	216	244	247	335	408	390	277	243	275	225	242	188	266
6	INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	157	166	218	247	250	338	411	393	280	246	278	228	245	190	269
13	SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	104	104	104	104	104	104	104	104	104	52	78	104	104	104	101
21	NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
22	TOTAL RESOURCES	337	346	378	389	377	465	538	520	411	356	414	381	415	376	415
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	337	346	378	389	377	465	538	520	411	356	414	381	415	376	415
27	SURPLUS/DEFICIT	+295	-286	-288	-331	-399	-346	-251	-236	-319	-324	-266	-246	-171	-207	-282
28	DEDICATED RESOURCES	261	270	322	350	353	441	514	496	383	297	355	331	348	294	369
29	BPA PWR SLE CNTRCT PURCH	269	269	271	297	334	355	359	344	332	309	309	285	266	265	307
30	SURPLUS/DEFICIT W/PURCHASE	-26	-17	-17	-34	-65	9	108	108	13	-15	43	39	95	58	25
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-26	-17	-17	-34	-65	9	108	108	13	-15	43	39	95	58	25
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-26	-17	-17	-34	-65	9	108	108	13	-15	43	39	95	58	25

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 ADJUSTED SYSTEM LOADS	3154	3154	2977	3088	3558	3904	4024	3775	3472	3294	3294	3157	3141	3243	3399
2 EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
3 CONTRACTS OUT	4	4	4	4	4	5	5	4	4	4	4	4	4	4	4
4 TOTAL LOADS	3173	3173	2981	3092	3562	3909	4029	3779	3476	3298	3298	3161	3162	3266	3407
RESOURCES															
5 REGULATED HYDRO	43	48	40	40	48	51	42	37	38	37	65	55	63	47	46
6 INDEPENDENT HYDRO	35	36	29	33	33	35	36	34	37	41	41	40	39	38	36
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	77	83	68	72	80	85	77	70	74	77	105	94	101	84	81
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	36	36	36	36	36	36	36	36	36	35	35	35	35	35	36
16 RENEWABLES	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	8	8	11	11	11	4	4	11	11	11	11	11	9	1	9
20 LARGE THERMAL	52	52	52	52	52	52	52	52	52	33	26	50	52	52	50
21 NON-UTILITY GENERATION	8	8	8	8	8	8	14	14	15	16	15	17	18	16	12
22 TOTAL RESOURCES	183	189	177	181	189	187	186	186	191	175	195	210	218	191	191
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	183	189	177	181	189	187	186	186	191	175	195	210	218	191	191
27 SURPLUS/DEFICIT	-2990	-2984	-2804	-2911	-3373	-3722	-3843	-3593	-3285	-3123	-3103	-2951	-2944	-3075	-3217
28 DEDICATED RESOURCES	165	171	174	178	186	184	183	183	188	172	192	207	198	169	183
29 BPA PWR SLE CNTRCT PURCH	2989	2983	2803	2910	3372	3720	3841	3592	3284	3122	3102	2950	2943	3074	3216
30 SURPLUS/DEFICIT W/PURCHASE	-1	-1	-1	-1	-1	-2	-1	-2	-2	-1	-1	-1	-1	-1	-1
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-1	-1	-1	-1	-1	-2	-1	-2	-2	-1	-1	-1	-1	-1	-1
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	-1	-1	-1	-1	-1	-2	-1	-2	-2	-1	-1	-1	-1	-1	-1

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	ADJUSTED SYSTEM LOADS	3351	3351	3174	3269	3731	4073	4191	3949	3645	3473	3473	3342	3330	3439	3581
2	EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
3	CONTRACTS OUT	11	11	11	11	11	12	12	11	11	11	11	11	11	11	11
4	TOTAL LOADS	3377	3377	3185	3280	3742	4085	4203	3960	3656	3484	3484	3353	3358	3469	3596
RESOURCES																
5	REGULATED HYDRO	43	48	40	40	48	51	42	37	38	37	65	55	63	47	46
6	INDEPENDENT HYDRO	42	43	36	40	40	42	43	41	45	48	48	47	46	45	43
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	82	88	73	77	85	90	82	75	80	82	110	99	106	89	86
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
15	CSPE PURCHASE	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
16	RENEWABLES	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
20	LARGE THERMAL	52	52	52	52	52	52	52	52	52	52	36	42	52	52	50
21	NON-UTILITY GENERATION	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
22	TOTAL RESOURCES	399	405	390	392	400	406	397	391	397	400	410	407	425	407	401
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	399	405	390	392	400	406	397	391	397	400	410	407	425	407	401
27	SURPLUS/DEFICIT	-2978	-2972	-2795	-2889	-3343	-3679	-3806	-3570	-3260	-3085	-3075	-2946	-2933	-3062	-3195
28	DEDICATED RESOURCES	373	379	379	381	389	395	387	380	386	389	400	397	398	377	387
29	BPA PWR SLE CNTRCT PURCH	2978	2972	2795	2888	3342	3678	3804	3569	3259	3084	3073	2945	2932	3062	3194
30	SURPLUS/DEFICIT W/PURCHASE	0	0	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	0	-1
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	0	-1
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	0	-1

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	ADJUSTED SYSTEM LOADS	3589	3589	3407	3492	3943	4278	4394	4161	3857	3692	3692	3567	3562	3681	3802
2	EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
3	CONTRACTS OUT	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	TOTAL LOADS	3614	3614	3417	3502	3953	4288	4404	4171	3867	3702	3702	3577	3589	3710	3816
RESOURCES																
5	REGULATED HYDRO	43	48	40	40	48	51	42	37	38	37	65	55	63	47	46
6	INDEPENDENT HYDRO	42	43	36	40	40	42	43	41	45	48	48	47	46	45	43
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	82	88	73	77	85	90	82	75	80	82	110	99	106	89	86
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
20	LARGE THERMAL	52	52	52	52	52	52	52	52	52	26	39	52	52	52	50
21	NON-UTILITY GENERATION	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
22	TOTAL RESOURCES	385	391	376	378	386	392	383	377	383	360	399	403	411	393	387
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	385	391	376	378	386	392	383	377	383	360	399	403	411	393	387
27	SURPLUS/DEFICIT	-3230	-3224	-3042	-3125	-3568	-3897	-4022	-3795	-3485	-3343	-3304	-3175	-3179	-3318	-3429
28	DEDICATED RESOURCES	359	365	365	367	375	381	373	366	372	349	389	393	384	363	373
29	BPA PWR SLE CNTRCT PURCH	3230	3224	3042	3125	3568	3897	4021	3795	3485	3343	3303	3174	3178	3318	3429
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	3402	3402	3415	3757	4248	4497	4703	4455	4234	3927	3927	3632	3485	3418	3931
2	EXPORTS	95	95	134	116	40	29	20	23	32	41	41	41	106	106	65
3	CONTRACTS OUT	159	159	75	107	56	56	54	54	52	58	58	61	69	157	80
4	TOTAL LOADS	3656	3656	3624	3980	4344	4582	4777	4532	4318	4026	4026	3734	3660	3681	4076
RESOURCES																
5	REGULATED HYDRO	1392	1316	1281	1575	1676	1751	1763	1758	1581	1590	2192	1777	1955	1572	1661
6	INDEPENDENT HYDRO	49	47	45	52	42	59	66	153	82	86	85	71	67	47	68
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-18	-18	-18	-18	-18	-18	-18	-18	-18	-16	-16	-16	-16	-16	-17
10	CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO	1425	1347	1310	1611	1702	1794	1813	1895	1647	1662	2263	1834	2008	1605	1714
13	SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	98	98	98	98	98	98	98	98	98	93	93	93	93	93	96
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	15	15	15	15	15	8	42	42	42	53	53	53	53	46	33
18	IMPORTS	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19	CONTRACTS IN	89	89	53	103	89	110	108	109	47	52	52	53	53	41	76
20	LARGE THERMAL	311	311	311	311	311	311	311	311	311	198	156	300	311	311	299
21	NON-UTILITY GENERATION	186	186	116	53	10	9	10	13	35	143	143	234	248	222	107
22	TOTAL RESOURCES	2200	2122	1974	2268	2307	2428	2493	2588	2293	2257	2816	2593	2848	2400	2407
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES	2200	2119	1973	2263	2303	2428	2493	2588	2291	2253	2812	2582	2845	2400	2405
27	SURPLUS/DEFICIT	-1455	-1537	-1651	-1717	-2042	-2155	-2284	-1943	-2027	-1773	-1214	-1152	-816	-1281	-1671
28	DEDICATED RESOURCES	1843	1760	1683	1948	2024	2124	2162	2261	2022	1953	2487	2291	2475	2044	2088
29	BPA PWR SLE CNTRCT PURCH	1546	1562	1605	1758	2059	2173	2283	2119	2008	1867	1858	1684	1574	1557	1853
30	SURPLUS/DEFICIT W/PURCHASE	90	25	-47	42	18	18	-1	175	-19	94	644	532	758	276	181
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	90	25	-47	42	18	18	-1	175	-19	94	644	532	758	276	181
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	90	25	-47	42	18	18	-1	175	-19	94	644	532	758	276	181

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	3665	3665	3672	4006	4482	4722	4923	4680	4462	4160	4160	3871	3727	3664	4169
2	EXPORTS	131	131	170	142	67	55	46	49	58	67	67	67	139	139	94
3	CONTRACTS OUT	158	159	75	107	56	56	54	54	52	58	58	61	70	157	80
4	TOTAL LOADS	3954	3955	3917	4255	4605	4833	5023	4783	4572	4285	4285	3999	3936	3960	4344
RESOURCES																
5	REGULATED HYDRO	1412	1336	1300	1593	1696	1771	1782	1776	1599	1608	2211	1797	1974	1602	1681
6	INDEPENDENT HYDRO	49	47	45	52	43	59	66	153	82	86	85	71	67	47	68
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-6	-5
10	CAN. ENT. RETURN CANADA)	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-24	-23
11	RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO	1435	1357	1319	1619	1713	1804	1822	1903	1655	1668	2270	1842	2015	1621	1723
13	SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	38	38	38	38	38	38	38	38	38	36	36	36	36	36	37
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
18	IMPORTS	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
19	CONTRACTS IN	81	81	44	94	80	101	98	100	38	43	43	44	44	32	67
20	LARGE THERMAL	311	311	311	311	311	311	311	311	311	311	216	255	311	311	302
21	NON-UTILITY GENERATION	242	243	173	111	68	70	71	74	95	202	203	291	305	279	165
22	TOTAL RESOURCES	2236	2159	1998	2292	2334	2457	2493	2588	2292	2369	2877	2547	2846	2407	2423
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES	2236	2155	1997	2287	2330	2457	2493	2588	2290	2365	2873	2536	2843	2407	2420
27	SURPLUS/DEFICIT	-1719	-1800	-1920	-1967	-2275	-2376	-2529	-2194	-2281	-1920	-1412	-1463	-1093	-1553	-1923
28	DEDICATED RESOURCES	1864	1782	1703	1969	2048	2150	2187	2284	2045	2089	2571	2267	2496	2074	2115
29	BPA PWR SLE CNTRCT PURCH	1771	1788	1826	1967	2264	2372	2471	2310	2201	2026	2034	1896	1782	1766	2056
30	SURPLUS/DEFICIT W/PURCHASE	53	-12	-94	0	-11	-4	-58	116	-80	106	622	433	689	213	132
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	53	-12	-94	0	-11	-4	-58	116	-80	106	622	433	689	213	132
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	53	-12	-94	0	-11	-4	-58	116	-80	106	622	433	689	213	132

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	3928	3928	3931	4244	4708	4940	5145	4914	4693	4399	4399	4117	3981	3928	4411
2	EXPORTS	96	96	135	108	67	55	26	26	26	26	26	26	63	63	60
3	CONTRACTS OUT	53	54	55	52	50	49	48	48	47	53	53	56	65	56	53
4	TOTAL LOADS	4077	4078	4121	4404	4825	5044	5219	4988	4766	4478	4478	4199	4109	4047	4523
RESOURCES																
5	REGULATED HYDRO	1472	1393	1339	1634	1756	1830	1828	1814	1637	1646	2329	1908	2084	1658	1742
6	INDEPENDENT HYDRO	49	47	45	52	43	59	66	153	82	86	85	71	67	47	68
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN CANADA)	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43
11	RESTORATION	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12	TOTAL HYDRO	1480	1399	1343	1645	1758	1848	1853	1926	1678	1691	2373	1938	2110	1664	1770
13	SMALL THERMAL & MISC	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
18	IMPORTS	18	18	13	19	59	75	88	97	90	33	33	26	36	24	48
19	CONTRACTS IN	33	33	44	44	55	52	50	51	39	43	43	44	44	35	44
20	LARGE THERMAL	311	311	311	311	311	311	311	311	311	155	235	311	311	311	301
21	NON-UTILITY GENERATION	242	243	172	111	68	70	71	74	95	203	203	291	304	279	165
22	TOTAL RESOURCES	2160	2080	1948	2195	2316	2414	2438	2524	2278	2201	2963	2663	2869	2382	2394
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
26	NET RESOURCES	2160	2077	1946	2190	2312	2414	2438	2524	2276	2197	2959	2652	2865	2382	2391
27	SURPLUS/DEFICIT	-1917	-2001	-2174	-2214	-2514	-2630	-2781	-2464	-2490	-2281	-1519	-1548	-1244	-1666	-2132
28	DEDICATED RESOURCES	1871	1785	1689	1956	2055	2156	2180	2269	2030	1920	2656	2383	2555	2081	2122
29	BPA PWR SLE CNTRCT PURCH	2009	2027	2061	2200	2506	2618	2723	2566	2447	2319	2269	2114	2016	2007	2297
30	SURPLUS/DEFICIT W/PURCHASE	92	25	-114	-14	-8	-13	-58	102	-43	38	750	566	772	341	165
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	92	25	-114	-14	-8	-13	-58	102	-43	38	750	566	772	341	165
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	92	25	-114	-14	-8	-13	-58	102	-43	38	750	566	772	341	165

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SECTION IX - MISCELLANEOUS (FOR OYS 1995-96, 1999-2000, AND 2004-05)

Monthly Energy Analysis

Section IX: Miscellaneous (for OYs 1995-96, 1999-2000, and 2004-05)	Table	Page
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TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
RESOURCES																
5	REGULATED HYDRO	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12	TOTAL HYDRO	130	127	103	104	130	130	114	102	102	101	183	173	171	140	128
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	153	150	126	127	153	153	137	125	125	124	206	196	194	163	151
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	153	150	126	127	153	153	137	125	125	124	206	196	194	163	151
27	SURPLUS/DEFICIT	-27	-30	-54	-53	-27	-27	-43	-55	-55	-56	26	16	14	-17	-29

TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
RESOURCES																
5	REGULATED HYDRO	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10	CAN. ENT. RETURN (CANADA)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
11	RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12	TOTAL HYDRO	127	124	100	101	127	127	111	99	99	98	180	170	168	137	125
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	150	147	123	124	150	150	134	122	122	121	203	193	191	160	148
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	150	147	123	124	150	150	134	122	122	121	203	193	191	160	148
27	SURPLUS/DEFICIT	-30	-33	-57	-56	-30	-30	-46	-58	-58	-59	23	13	11	-20	-32

TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
RESOURCES															
5 REGULATED HYDRO	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
11 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12 TOTAL HYDRO	124	121	97	98	124	124	108	96	96	95	177	167	165	134	122
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	124	121	97	98	124	124	108	96	96	95	177	167	165	134	122
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	124	121	97	98	124	124	108	96	96	95	177	167	165	134	122
27 SURPLUS/DEFICIT	-56	-59	-83	-82	-56	-56	-72	-84	-84	-85	-3	-13	-15	-46	-58

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS																
1	SYSTEM LOADS	995	995	933	980	1034	1111	1086	1016	934	879	879	876	903	953	975
2	EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3	CONTRACTS OUT	191	191	196	196	196	196	186	186	186	109	109	106	106	181	169
4	TOTAL LOADS	1277	1277	1220	1267	1321	1398	1363	1293	1211	1079	1079	1073	1100	1225	1236
RESOURCES																
5	REGULATED HYDRO	152	156	121	134	168	195	209	213	208	202	223	223	241	126	184
6	INDEPENDENT HYDRO	145	144	144	145	145	145	145	145	145	144	143	144	146	144	145
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12	TOTAL HYDRO	303	306	271	285	319	346	360	364	359	352	372	373	393	276	334
13	SMALL THERMAL & MISC	136	136	136	136	136	136	136	136	136	136	136	136	0	136	125
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	105	105	105	155	155	205	205	205	155	70	70	18	18	0	116
20	LARGE THERMAL	561	561	561	561	561	561	561	561	561	428	400	343	561	561	531
21	NON-UTILITY GENERATION	93	93	95	68	95	93	93	93	96	70	70	99	99	97	91
22	TOTAL RESOURCES	1199	1202	1169	1205	1266	1342	1356	1360	1308	1057	1049	969	1071	1070	1198
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-2	-2	0	0	0	0	0	0	0	0	0	0	-1	-2	0
26	NET RESOURCES	1197	1200	1169	1205	1266	1342	1356	1360	1308	1057	1049	969	1070	1068	1197
27	SURPLUS/DEFICIT	-80	-77	-51	-62	-55	-56	-7	67	97	-22	-30	-104	-30	-157	-38

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	952	952	889	935	990	1067	1094	1023	937	882	882	873	907	966	960
2 EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3 CONTRACTS OUT	181	181	106	106	106	106	106	106	106	29	29	106	106	181	112
4 TOTAL LOADS	1223	1223	1086	1132	1187	1264	1291	1220	1134	1002	1002	1070	1104	1238	1163
RESOURCES															
5 REGULATED HYDRO	152	156	121	134	168	195	209	213	208	202	223	223	241	126	184
6 INDEPENDENT HYDRO	145	144	144	145	145	145	145	145	145	144	143	144	146	144	145
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 TOTAL HYDRO	303	306	271	285	319	346	360	364	359	352	372	373	393	276	334
13 SMALL THERMAL & MISC	136	136	136	136	146	146	146	146	136	136	136	136	0	136	128
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
20 LARGE THERMAL	561	561	561	561	561	561	561	561	561	428	400	343	561	561	531
21 NON-UTILITY GENERATION	93	93	95	68	95	93	93	93	96	70	70	99	99	97	91
22 TOTAL RESOURCES	1094	1097	1064	1050	1121	1196	1210	1214	1153	987	979	951	1053	1070	1097
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-2	-2	0	0	0	0	0	0	0	0	0	0	-1	-2	0
26 NET RESOURCES	1092	1095	1064	1050	1121	1196	1210	1214	1153	987	979	951	1052	1068	1096
27 SURPLUS/DEFICIT	-132	-129	-22	-82	-66	-68	-81	-5	18	-15	-24	-119	-52	-170	-66

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LOADS															
1 SYSTEM LOADS	957	957	892	940	997	1075	1102	1028	942	888	888	880	916	979	966
2 EXPORTS	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3 CONTRACTS OUT	152	152	77	77	77	77	77	77	77	0	0	77	77	152	83
4 TOTAL LOADS	1200	1200	1060	1108	1165	1243	1270	1195	1110	979	979	1048	1084	1222	1140
RESOURCES															
5 REGULATED HYDRO	152	156	121	134	168	195	209	213	208	202	223	223	241	126	184
6 INDEPENDENT HYDRO	145	144	144	145	145	145	145	145	145	144	143	144	146	144	145
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 TOTAL HYDRO	303	306	271	285	319	346	360	364	359	352	372	373	393	276	334
13 SMALL THERMAL & MISC	136	136	136	136	146	146	146	146	136	136	136	136	0	136	128
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
20 LARGE THERMAL	561	561	561	561	561	561	561	561	561	428	400	343	561	561	531
21 NON-UTILITY GENERATION	93	93	95	68	95	93	93	93	96	70	70	99	99	97	91
22 TOTAL RESOURCES	1094	1097	1064	1050	1121	1196	1210	1214	1153	987	979	951	1053	1070	1097
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-2	-2	0	0	0	0	0	0	0	0	0	0	-1	-2	0
26 NET RESOURCES	1092	1095	1064	1050	1121	1196	1210	1214	1153	987	979	951	1052	1068	1096
27 SURPLUS/DEFICIT	-108	-105	4	-57	-44	-47	-60	19	42	8	0	-97	-32	-153	-44

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COGENERATION															
1 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
THERMAL															
2 SDG&E SHARE OF BOARDMAN	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
3 TURLOCK SHARE OF BOARDMAN	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
4 TOTAL	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COGENERATION															
1 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
THERMAL															
2 SDG&E SHARE OF BOARDMAN	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
3 TURLOCK SHARE OF BOARDMAN	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
4 TOTAL	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COGENERATION															
1 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	36	36	0	0	0	0	0	0	0	0	15
THERMAL															
2 SDG&E SHARE OF BOARDMAN	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
3 TURLOCK SHARE OF BOARDMAN	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
4 TOTAL	139	139	139	139	139	139	103	103	103	103	103	17	72	103	108

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESOURCES AVAILABLE TO SERVE LOAD																
1	BOX CANYON	35	33	35	35	35	35	35	35	35	35	35	35	35	35	34
2	SEATTLE TO P.O.(BOUNDARY)	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
3	TOTAL RESOURCES	62	61	62	62	62	62	62	62	62	62	62	62	62	62	62
4	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
5	SURPLUS	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESOURCES AVAILABLE TO SERVE LOAD																
1	BOX CANYON	35	33	35	35	35	35	35	35	35	35	35	35	35	35	34
2	SEATTLE TO P.O.(BOUNDARY)	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
3	TOTAL RESOURCES	62	61	62	62	62	62	62	62	62	62	62	62	62	62	62
4	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
5	SURPLUS	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/9
RUN DATE: 12/20/9

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
RESOURCES AVAILABLE TO SERVE LOAD																
1	BOX CANYON	31	31	31	31	31	31	31	31	31	31	31	31	31	31	3
2	SEATTLE TO P.O.(BOUNDARY)	31	31	31	31	31	31	31	31	31	31	31	31	31	31	3
3	TOTAL RESOURCES	62	62	62	62	62	62	62	62	62	62	62	62	62	62	6
4	PONDERAY FIBRE MILL	62	62	62	62	62	62	62	62	62	62	62	62	62	62	6
5	SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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SECTION X - SUPPORTING TABLES (FOR OYS 1995-96, 1999-2000, AND 2004-05)

Monthly Energy Analysis

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TABLE A-1

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS															
1A FEDERAL AGENCIES	142	142	135	139	147	163	157	157	150	139	139	133	132	141	145
1B FEDERAL + GEN PUB LOSSES	139	139	143	168	198	222	213	196	165	153	153	140	132	135	167
1C USBR	161	161	108	41	2	2	2	2	4	49	49	117	151	168	67
1D DSI ALUMINUM FIRM	1858	1858	1858	1898	1898	1898	1935	1941	1941	1941	1941	1941	1941	1941	1916
1E DSI NON-ALUMINUM FIRM	170	170	170	173	189	181	189	196	196	196	196	196	196	189	187
1F DSI FIRM LOSSES	53	53	53	56	61	64	66	66	62	60	60	57	57	56	59
1 BPA NON UTILITY LOADS	2523	2523	2467	2475	2495	2530	2562	2558	2518	2538	2538	2584	2609	2630	2541
2 CHELAN COUNTY PUD #1	142	142	141	151	165	177	185	171	162	148	148	142	141	148	156
3 COLOCKUM TRANSMISSION CO.	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
4 COWLITZ COUNTY PUD #1	516	516	515	544	579	581	603	590	581	563	563	542	523	531	556
5 DOUGLAS COUNTY PUD #1	74	74	73	79	88	96	106	96	87	75	75	73	74	80	83
6 EUGENE WATER & ELEC BOARD	237	237	240	270	322	352	371	350	320	293	293	262	240	234	291
7 GRANT COUNTY PUD #2	385	385	336	326	320	364	390	361	330	338	338	373	408	389	360
8 IDAHO POWER COMPANY	1659	1659	1479	1395	1468	1547	1613	1530	1409	1422	1422	1570	1773	1829	1558
9 MONTANA POWER CO. REGIONAL	348	348	326	343	362	389	380	355	327	307	307	306	316	333	341
10 PACIFIC POWER & LIGHT	2209	2209	2196	2213	2419	2712	2713	2763	2399	2189	2189	2202	2129	2269	2368
11 PEND OREILLE COUNTY PUD #1	97	97	97	100	106	109	118	112	109	105	105	99	96	96	104
12 PORTLAND GENERAL ELECTRIC	1884	1884	1901	2008	2230	2380	2443	2253	2185	2040	2040	1915	1873	1859	2081
13 PUGET SOUND POWER & LIGHT	2009	2009	2048	2298	2680	2981	3191	2997	2840	2489	2489	2240	2145	2015	2494
14 SEATTLE CITY LIGHT	892	892	903	1045	1178	1228	1288	1176	1197	1080	1080	963	910	892	1063
15 SMALL & NON GEN PUBLICS	3154	3154	2977	3088	3558	3904	4024	3775	3472	3294	3294	3157	3141	3243	3399
16 SNOHOMISH COUNTY PUD #1	511	511	555	623	779	826	872	867	748	681	681	590	547	506	675
17 TACOMA PUBLIC UTILITIES	548	548	555	619	711	764	770	732	700	644	644	588	546	542	643
18 UTAH POWER & LIGHT	460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
19 WASHINGTON WATER POWER	812	812	798	837	960	1051	1110	1036	931	849	849	809	800	802	900
20 REGIONAL FIRM LOADS	18640	18640	18122	18887	20909	22455	23265	22260	20825	19552	19552	18945	18936	19116	20159
REGIONAL FIRM LOADS															
21 FEDERAL SYSTEM	2523	2523	2467	2475	2495	2530	2562	2558	2518	2538	2538	2584	2609	2630	2541
22 PUBLIC AGENCIES W/COLOCKUM	6736	6736	6572	7025	7986	8581	8907	8410	7886	7401	7401	6969	6806	6841	7510
23 INVESTOR-OWNED UTILITIES	9381	9381	9083	9387	10428	11344	11796	11292	10421	9613	9613	9392	9521	9645	10109
24 REGIONAL FIRM LOADS	18640	18640	18122	18887	20909	22455	23265	22260	20825	19552	19552	18945	18936	19116	20159

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
INTERRUPTIBLE LOADS															
25 DSI ALUMINUM TOP QUARTILE	170	170	170	170	170	170	170	550	550	550	550	550	550	550	360
26 DSI NON-ALUM TOP QUARTILE	57	57	57	57	62	59	62	64	64	64	64	64	64	62	61
27 OTHER INTERRUPTIBLE (UTAH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DSI TOP QUARTILE LOSSES	6	6	6	6	7	7	7	19	18	17	17	17	17	16	12
29 REGIONAL INTERRUPT. LOADS	233	233	233	233	239	236	239	633	632	631	631	631	631	628	433
REGIONAL INTERRUPTIBLE LOADS															
30 FEDERAL SYSTEM	233	233	233	233	239	236	239	633	632	631	631	631	631	628	433
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 REGIONAL INTERRUPT. LOADS	233	233	233	233	239	236	239	633	632	631	631	631	631	628	433
REGIONAL TOTAL LOADS															
34 FEDERAL SYSTEM	2756	2756	2700	2708	2734	2766	2801	3191	3150	3169	3169	3215	3240	3258	2974
35 PUBLIC AGENCIES	6736	6736	6572	7025	7986	8581	8907	8410	7886	7401	7401	6969	6806	6841	7510
36 INVESTOR-OWNED UTILITIES	9381	9381	9083	9387	10428	11344	11796	11292	10421	9613	9613	9392	9521	9645	10109
37 REGIONAL TOTAL LOADS	18873	18873	18355	19120	21148	22691	23504	22893	21457	20183	20183	19576	19567	19744	20593

TABLE A-1

SHEET 1 OF 2

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS															
1A FEDERAL AGENCIES	146	146	138	142	151	167	161	162	154	142	142	136	135	144	148
1B FEDERAL + GEN PUB LOSSES	138	138	142	173	203	230	220	199	170	157	157	143	140	141	171
1C USBR	161	161	109	42	2	2	2	2	4	50	50	117	151	169	68
1D DSI ALUMINUM FIRM	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941
1E DSI NON-ALUMINUM FIRM	194	194	192	191	189	163	170	185	183	182	182	180	179	160	181
1F DSI FIRM LOSSES	56	56	56	57	62	65	65	66	61	59	59	57	57	55	60
1 BPA NON UTILITY LOADS	2636	2636	2578	2546	2548	2568	2559	2555	2513	2531	2531	2574	2603	2610	2568
2 CHELAN COUNTY PUD #1	165	165	165	175	190	205	212	196	185	170	170	163	162	169	180
3 COLOCKUM TRANSMISSION CO.	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
4 COWLITZ COUNTY PUD #1	563	563	560	586	616	613	633	622	616	601	601	582	564	569	594
5 DOUGLAS COUNTY PUD #1	98	98	97	105	117	128	142	127	115	99	99	97	97	103	110
6 EUGENE WATER & ELEC BOARD	259	259	263	293	346	375	393	373	343	315	315	284	260	252	313
7 GRANT COUNTY PUD #2	428	428	372	359	348	393	424	395	362	373	373	415	454	432	396
8 IDAHO POWER COMPANY	1753	1753	1571	1491	1574	1661	1727	1639	1509	1517	1517	1666	1878	1939	1660
9 MONTANA POWER CO. REGIONAL	333	333	311	327	346	373	382	358	328	308	308	305	317	338	335
10 PACIFIC POWER & LIGHT	2344	2344	2331	2348	2568	2881	2873	2927	2539	2315	2315	2329	2251	2400	2509
11 PEND OREILLE COUNTY PUD #1	100	100	99	102	108	111	118	112	110	106	106	100	98	100	105
12 PORTLAND GENERAL ELECTRIC	1951	1951	1967	2073	2295	2451	2509	2318	2249	2104	2104	1976	1936	1923	2146
13 PUGET SOUND POWER & LIGHT	2216	2216	2261	2536	2957	3289	3486	3274	3103	2719	2719	2447	2344	2203	2736
14 SEATTLE CITY LIGHT	912	912	921	1059	1180	1224	1289	1181	1209	1096	1096	982	930	916	1075
15 SMALL & NON GEN PUBLICS	3351	3351	3174	3269	3731	4073	4191	3949	3645	3473	3473	3342	3330	3439	3581
16 SNOHOMISH COUNTY PUD #1	567	567	616	687	850	895	934	932	808	740	740	643	598	561	736
17 TACOMA PUBLIC UTILITIES	573	573	579	640	727	778	778	742	714	660	660	605	564	562	660
18 UTAH POWER & LIGHT	472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
19 WASHINGTON WATER POWER	825	825	807	839	960	1052	1110	1037	934	854	854	819	812	814	905
20 REGIONAL FIRM LOADS	19726	19726	19196	19915	21957	23539	24293	23283	21798	20484	20484	19866	19877	20066	21167
REGIONAL FIRM LOADS															
21 FEDERAL SYSTEM	2636	2636	2578	2546	2548	2568	2559	2555	2513	2531	2531	2574	2603	2610	2568
22 PUBLIC AGENCIES W/COLOCKUM	7196	7196	7026	7455	8393	8975	9294	8809	8287	7813	7813	7393	7237	7283	7930
23 INVESTOR-OWNED UTILITIES	9894	9894	9592	9914	11016	11996	12440	11919	10998	10140	10140	9899	10037	10173	10668
24 REGIONAL FIRM LOADS	19726	19726	19196	19915	21957	23539	24293	23283	21798	20484	20484	19866	19877	20066	21167

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
INTERRUPTIBLE LOADS															
25 DSI ALUMINUM TOP QUARTILE	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
26 DSI NON-ALUM TOP QUARTILE	64	64	63	63	62	54	56	61	60	60	60	59	59	52	59
27 OTHER INTERRUPTIBLE (UTAH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DSI TOP QUARTILE LOSSES	16	16	16	17	18	19	19	19	18	17	17	16	16	16	17
29 REGIONAL INTERRUPT. LOADS	630	630	629	629	630	622	624	629	628	627	627	625	625	618	626
REGIONAL INTERRUPTIBLE LOADS															
30 FEDERAL SYSTEM	630	630	629	629	630	622	624	629	628	627	627	625	625	618	626
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 REGIONAL INTERRUPT. LOADS	630	630	629	629	630	622	624	629	628	627	627	625	625	618	626
REGIONAL TOTAL LOADS															
34 FEDERAL SYSTEM	3266	3266	3207	3175	3178	3190	3183	3184	3141	3158	3158	3199	3228	3228	3195
35 PUBLIC AGENCIES	7196	7196	7026	7455	8393	8975	9294	8809	8287	7813	7813	7393	7237	7283	7930
36 INVESTOR-OWNED UTILITIES	9894	9894	9592	9914	11016	11996	12440	11919	10998	10140	10140	9899	10037	10173	10668
37 REGIONAL TOTAL LOADS	20356	20356	19825	20544	22587	24161	24917	23912	22426	21111	21111	20491	20502	20684	21793

TABLE A-1

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
FIRM LOADS															
1A FEDERAL AGENCIES	150	150	142	146	155	172	165	167	159	146	146	140	139	149	152
1B FEDERAL + GEN PUB LOSSES	147	147	148	182	214	240	230	206	179	166	166	151	147	149	180
1C USBR	162	162	109	42	2	2	2	2	4	50	50	118	152	169	68
1D DSI ALUMINUM FIRM	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941	1941
1E DSI NON-ALUMINUM FIRM	164	164	164	164	165	140	148	164	164	164	164	164	164	157	160
1F DSI FIRM LOSSES	55	55	55	57	61	65	65	65	61	59	59	57	57	54	59
1 BPA NON UTILITY LOADS	2619	2619	2559	2532	2538	2560	2551	2545	2508	2526	2526	2571	2600	2619	2561
2 CHELAN COUNTY PUD #1	184	184	182	192	207	223	231	214	202	186	186	180	180	187	197
3 COLOCKUM TRANSMISSION CO.	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180
4 COWLITZ COUNTY PUD #1	589	589	585	605	628	621	639	632	629	619	619	604	588	596	611
5 DOUGLAS COUNTY PUD #1	120	120	118	127	142	155	172	154	139	118	118	116	118	124	134
6 EUGENE WATER & ELEC BOARD	279	279	283	312	365	395	412	393	363	335	335	303	279	272	333
7 GRANT COUNTY PUD #2	473	473	411	392	376	423	444	414	382	397	397	444	488	471	426
8 IDAHO POWER COMPANY	1853	1853	1670	1596	1690	1777	1849	1810	1614	1613	1613	1757	1972	2038	1770
9 MONTANA POWER CO. REGIONAL	334	334	312	329	349	376	385	359	330	311	311	308	321	342	338
10 PACIFIC POWER & LIGHT	2571	2571	2557	2576	2815	3157	3143	3090	2778	2534	2534	2550	2464	2628	2739
11 PEND OREILLE COUNTY PUD #1	103	103	103	105	110	113	121	115	113	108	108	103	101	104	108
12 PORTLAND GENERAL ELECTRIC	2058	2058	2073	2180	2410	2574	2643	2445	2378	2222	2222	2090	2049	2038	2263
13 PUGET SOUND POWER & LIGHT	2379	2379	2426	2723	3175	3532	3752	3525	3341	2928	2928	2635	2524	2371	2943
14 SEATTLE CITY LIGHT	942	942	951	1083	1194	1232	1298	1194	1228	1121	1121	1010	960	949	1097
15 SMALL & NON GEN PUBLICS	3589	3589	3407	3492	3943	4278	4394	4161	3857	3692	3692	3567	3562	3681	3802
16 SNOHOMISH COUNTY PUD #1	647	647	701	775	951	996	1039	1042	907	835	835	730	681	642	829
17 TACOMA PUBLIC UTILITIES	591	591	597	653	735	782	789	756	730	680	680	627	586	583	676
18 UTAH POWER & LIGHT	513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
19 WASHINGTON WATER POWER	834	834	811	841	962	1056	1117	1043	937	858	858	826	821	824	911
20 REGIONAL FIRM LOADS	20858	20858	20299	21017	23107	24736	25535	24448	22972	21604	21604	20981	21013	21256	22319
REGIONAL FIRM LOADS															
21 FEDERAL SYSTEM	2619	2619	2559	2532	2538	2560	2551	2545	2508	2526	2526	2571	2600	2619	2561
22 PUBLIC AGENCIES W/COLOCKUM	7697	7697	7518	7916	8831	9398	9719	9255	8730	8271	8271	7864	7723	7789	8393
23 INVESTOR-OWNED UTILITIES	10542	10542	10222	10569	11738	12778	13265	12648	11734	10807	10807	10546	10690	10848	11366
24 REGIONAL FIRM LOADS	20858	20858	20299	21017	23107	24736	25535	24448	22972	21604	21604	20981	21013	21256	22319

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
INTERRUPTIBLE LOADS															
25 DSI ALUMINUM TOP QUARTILE	550	550	550	550	550	550	550	550	550	550	550	550	550	550	550
26 DSI NON-ALUM TOP QUARTILE	55	55	55	55	55	47	49	55	55	55	55	55	55	52	53
27 OTHER INTERRUPTIBLE (UTAH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DSI TOP QUARTILE LOSSES	16	16	16	16	18	19	19	19	18	17	17	16	16	16	17
29 REGIONAL INTERRUPT. LOADS	620	620	620	621	622	615	618	623	622	622	622	621	621	618	620
REGIONAL INTERRUPTIBLE LOADS															
30 FEDERAL SYSTEM	620	620	620	621	622	615	618	623	622	622	622	621	621	618	620
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 REGIONAL INTERRUPT. LOADS	620	620	620	621	622	615	618	623	622	622	622	621	621	618	620
REGIONAL TOTAL LOADS															
34 FEDERAL SYSTEM	3239	3239	3179	3153	3160	3175	3169	3168	3130	3148	3148	3192	3221	3237	3181
35 PUBLIC AGENCIES	7697	7697	7518	7916	8831	9398	9719	9255	8730	8271	8271	7864	7723	7789	8393
36 INVESTOR-OWNED UTILITIES	10542	10542	10222	10569	11738	12778	13265	12648	11734	10807	10807	10546	10690	10848	11366
37 REGIONAL TOTAL LOADS	21478	21478	20919	21638	23729	25351	26153	25071	23594	22226	22226	21602	21634	21874	22939

TABLE A-2

EXPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EXPORTS TO EAST															
1 CITYIDFL TO UT, GEM ST HYD	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
2 EXPORTS TO EAST	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
INTRA-COMPANY TRANSFERS TO PSW															
3 PP&L TO PP&L N. CALIF.	65	65	20	2	-6	-11	-15	-27	-37	-28	-28	1	58	86	9
4 INTRA-CO TRANSFERS TO PSW	65	65	20	2	-6	-11	-16	-27	-37	-28	-28	1	58	86	9
EXPORTS TO PSW															
5 BPA TO ANAHEIM C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO ANAHEIM CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA TO BURBANK PWR S,C/NX	26	26	25	16	11	11	11	10	10	11	11	18	23	25	16
8 BPA TO GLENDALE PWR S,C/NX	14	14	13	6	5	5	6	5	5	6	6	9	12	13	8
9 BPA TO MSR PWR S,C/NX	75	75	79	76	51	35	36	30	30	30	30	31	52	76	50
10 BPA TO PASADENA PWR S,C/NX1	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
11 BPA TO PASADENA C/NX2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
12 BPA TO RIVERSIDE C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA TO RIVERSIDE CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 BPA TO RIVERSIDE DIV XCHG	0	0	0	0	0	0	0	0	0	0	0	20	21	0	3
15 BPA TO SDG&E PWR X,C/NX	118	118	118	0	0	0	0	0	0	0	0	127	127	118	51
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	131	131	131	131	145	137	137	135	136	131	131	131	131	131	134
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	36	36	36	18	9
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	11	11	11	7	7	6	6	5	6	5	6	11	12	12	8
21 IPC TO SIERRA PAC PWR S1	12	12	12	12	11	11	12	12	11	11	11	12	11	11	11
22 IPC TO SIERRA PAC PWR S2	50	50	39	40	46	40	39	39	39	39	39	39	39	39	41
23 IPC TO UAMPS PWR S	53	53	41	41	43	51	53	45	31	32	32	41	49	53	44
24 IPC TO AZUSA,BAN,CLTN PWR S	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25 IPC TO CTY OF WASH,UT PWR S	4	4	3	3	3	4	4	4	3	2	2	4	3	4	3
26 MPC TO LADWP PWR S	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
27 PP&L TO CDWR PWR S	78	78	76	69	67	71	74	72	67	62	62	61	66	79	70
28 PP&L TO PG&E PWR S	29	29	29	28	29	28	0	0	0	0	0	0	0	0	12
29 PP&L TO SMUD PWR S	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
30 PP&L TO SCE PWR S	58	58	58	58	58	58	58	58	58	54	54	54	54	58	57
31 PP&L TO WAPA PWR S	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
32 PGE TO BURBANK PWR S	9	9	10	7	7	7	7	7	7	7	7	7	10	9	8
33 PGE TO GLENDALE PWR S	20	20	19	12	13	12	12	13	12	13	13	12	19	20	15
34 PGE TO SCE PWR S	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
35 PGE TO SCE SPX	103	103	102	0	0	0	0	0	0	0	0	0	103	102	34
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
38 SCL TO PG&E SPX	35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
39 SCL TO NCPA SPX	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
40 SNOH TO SMUD PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TCL TO WAPA PWR S	41	41	69	67	40	29	20	23	32	41	41	41	41	41	40
42 WHP TO PG&E SPX	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24

TABLE A-2

EXPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST															
43 BOARDMAN(14.2%) TO SDG&E *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
44 BOARDMAN(10.2%) TO TURLOCK*	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
45 LONGVIEW FIBRE TO WAPA *	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
46 TOTAL	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129
47 EXPORTS TO PSW	1699	1699	1714	1236	1128	1097	1067	1050	1039	1036	1073	1164	1618	1691	1296
EXPORTS TO CANADA															
48 BPA CAN. ENT. TO BC HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 EXPORTS TO CANADA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 TOTAL EXPORTS	1779	1779	1734	1238	1122	1086	1052	1023	1002	1008	1045	1165	1693	1795	1310
TOTAL EXPORTS															
51 FEDERAL SYSTEM	380	380	382	240	221	196	198	187	189	185	222	389	420	398	284
52 PUBLIC AGENCIES	110	110	134	116	40	29	20	23	32	41	41	41	123	125	69
53 INVESTOR-OWNED UTILITIES	1150	1150	1079	743	722	722	695	674	642	643	643	682	1042	1134	827
54 NON-NORTHWEST UTILITIES *	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129
55 TOTAL EXPORTS	1779	1779	1734	1238	1122	1086	1052	1023	1002	1008	1045	1165	1693	1796	1310

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-2

SHEET 1 OF 2

EXPORTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EXPORTS TO EAST															
1 CITYIDFL TO UT, GEM ST HYD	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
2 EXPORTS TO EAST	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
INTRA-COMPANY TRANSFERS TO PSW															
3 PP&L TO PP&L N. CALIF.	69	69	23	4	-3	-8	-11	-24	-34	-25	-25	5	62	90	12
4 INTRA-CO TRANSFERS TO PSW	69	69	23	4	-3	-8	-12	-24	-34	-25	-25	5	62	90	12
EXPORTS TO PSW															
5 BPA TO ANAHEIM C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO ANAHEIM CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA TO BURBANK PWR S,C/NX	26	26	25	16	11	11	11	10	10	11	11	18	24	25	16
8 BPA TO GLENDALE PWR S,C/NX	14	14	13	6	5	5	6	5	5	6	6	9	12	13	8
9 BPA TO MSR PWR S,C/NX	112	112	119	114	77	53	54	45	45	45	45	47	78	115	75
10 BPA TO PASADENA PWR S,C/NX1	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
11 BPA TO PASADENA C/NX2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
12 BPA TO RIVERSIDE C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA TO RIVERSIDE CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 BPA TO RIVERSIDE DIV XCHG	0	0	0	0	0	0	0	0	0	0	0	24	25	0	4
15 BPA TO SDG&E PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	131	131	131	131	145	137	137	136	136	131	131	131	131	131	134
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	36	35	36	18	9
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	9	9	9	8	7	6	6	6	6	6	7	8	9	9	7
21 IPC TO SIERRA PAC PWR S1	12	12	12	12	11	11	12	12	11	11	11	12	11	0	11
22 IPC TO SIERRA PAC PWR S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 IPC TO UAMPS PWR S	56	56	45	38	47	55	58	48	33	35	34	45	52	57	47
24 IPC TO AZUSA,BAN,CLTN PWR S	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25 IPC TO CTY OF WASH,UT PWR S	4	4	3	3	4	4	5	4	4	2	2	4	3	4	4
26 MPC TO LADWP PWR S	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
27 PP&L TO CDWR PWR S	78	78	76	69	67	71	74	72	67	62	62	61	66	79	70
28 PP&L TO PG&E PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
30 PP&L TO SCE PWR S	58	58	58	58	58	58	58	58	58	54	54	54	54	58	57
31 PP&L TO WAPA PWR S	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
32 PGE TO BURBANK PWR S	9	9	10	7	7	7	7	7	7	7	7	7	10	9	8
33 PGE TO GLENDALE PWR S	20	20	19	12	13	12	12	13	12	13	13	12	19	20	15
34 PGE TO SCE PWR S	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
35 PGE TO SCE SPX	103	103	102	0	0	0	0	0	0	0	0	0	103	102	34
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
38 SCL TO PG&E SPX	35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
39 SCL TO NCPA SPX	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
40 SNOH TO SMUD PWR S	36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
41 TCL TO WAPA PWR S	41	41	69	67	41	29	20	23	32	41	41	41	41	41	40
42 WWP TO PG&E SPX	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24

TABLE A-2

EXPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST															
43 BOARDMAN(14.2%) TO SDG&E *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
44 BOARDMAN(10.2%) TO TURLOCK*	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
45 LONGVIEW FIBRE TO WAPA *	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
46 TOTAL	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129
47 EXPORTS TO PSW	1576	1576	1606	1230	1111	1077	1078	1057	1044	1042	1078	1044	1516	1596	1250
EXPORTS TO CANADA															
48 BPA CAN. ENT. TO BC HYDRO	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
49 EXPORTS TO CANADA	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
50 TOTAL EXPORTS	1960	1960	1929	1534	1408	1369	1367	1333	1310	1317	1353	1349	1895	2004	1566
TOTAL EXPORTS															
51 FEDERAL SYSTEM	597	597	602	579	547	514	516	504	504	501	538	578	621	616	558
52 PUBLIC AGENCIES	146	146	170	142	67	55	46	49	58	67	67	67	156	158	98
53 INVESTOR-OWNED UTILITIES	1078	1078	1018	674	655	661	666	641	609	610	609	651	1010	1092	780
54 NON-NORTHWEST UTILITIES *	139	139	139	139	139	139	139	139	139	139	139	53	108	139	129
55 TOTAL EXPORTS	1960	1960	1929	1534	1408	1369	1367	1333	1310	1317	1353	1349	1895	2005	1566

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-2

EXPORTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EXPORTS TO EAST															
1 CITYIDFL TO UT, GEM ST HYD	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
2 EXPORTS TO EAST	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
INTRA-COMPANY TRANSFERS TO PSW															
3 PP&L TO PP&L N. CALIF.	75	75	28	9	2	-1	-4	-17	-28	-19	-19	11	69	98	19
4 INTRA-CO TRANSFERS TO PSW	75	75	28	9	2	-1	-5	-17	-28	-19	-19	11	69	98	18
EXPORTS TO PSW															
5 BPA TO ANAHEIM C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO ANAHEIM CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA TO BURBANK PWR S,C/NX	26	26	25	16	11	11	11	10	10	11	11	18	24	25	16
8 BPA TO GLENDALE PWR S,C/NX	14	14	13	6	5	5	6	5	5	5	5	9	12	13	8
9 BPA TO MSR PWR S,C/NX	112	112	119	114	77	53	54	45	45	45	45	47	78	115	75
10 BPA TO PASADENA PWR S,C/NX1	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
11 BPA TO PASADENA C/NX2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0
12 BPA TO RIVERSIDE C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 BPA TO RIVERSIDE CAP S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 BPA TO RIVERSIDE DIV XCHG	0	0	0	0	0	0	0	0	0	0	0	24	25	0	4
15 BPA TO SDG&E PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	131	131	131	131	145	137	137	136	136	131	131	131	131	131	134
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	9	9	9	8	7	6	7	6	6	6	6	7	8	9	7
21 IPC TO SIERRA PAC PWR S1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 IPC TO SIERRA PAC PWR S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 IPC TO UAMPS PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 IPC TO AZUSA,BAN,CLTN PWR S	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
25 IPC TO CTY OF WASH,UT PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 MPC TO LADWP PWR S	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
27 PP&L TO CDWR PWR S	78	78	76	69	67	71	0	0	0	0	0	0	0	0	30
28 PP&L TO PG&E PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
30 PP&L TO SCE PWR S	58	58	58	58	58	58	58	58	58	54	54	54	54	58	57
31 PP&L TO WAPA PWR S	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
32 PGE TO BURBANK PWR S	9	9	10	7	7	7	7	7	7	7	7	7	10	9	8
33 PGE TO GLENDALE PWR S	20	20	19	12	13	12	12	13	12	13	13	12	19	20	15
34 PGE TO SCE PWR S	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
35 PGE TO SCE SPX	103	103	102	0	0	0	0	0	0	0	0	0	103	102	34
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
38 SCL TO PG&E SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 SCL TO NCPA SPX	19	19	30	15	0	0	0	0	0	0	0	0	30	30	10
40 SNOH TO SMUD PWR S	36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
41 TCL TO WAPA PWR S	41	41	69	67	41	29	0	0	0	0	0	0	0	0	21
42 WWP TO PG&E SPX	77	77	78	20	0	0	0	0	0	0	0	0	38	81	24

TABLE A-2

EXPORTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST															
43 BOARDMAN(14.2%) TO SDG&E *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
44 BOARDMAN(10.2%) TO TURLOCK*	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
45 LONGVIEW FIBRE TO WAPA *	36	36	36	36	36	36	0	0	0	0	0	0	0	0	15
46 TOTAL	139	139	139	139	139	139	103	103	103	103	103	17	72	103	108
47 EXPORTS TO PSW	1469	1469	1511	1143	1049	1007	874	862	861	854	854	809	1235	1326	1083
EXPORTS TO CANADA															
48 BPA CAN. ENT. TO BC HYDRO	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
49 EXPORTS TO CANADA	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
50 TOTAL EXPORTS	2087	2087	2067	1680	1579	1534	1398	1373	1361	1363	1363	1348	1849	1970	1634
TOTAL EXPORTS															
51 FEDERAL SYSTEM	825	825	830	807	775	742	745	732	732	728	728	770	812	826	777
52 PUBLIC AGENCIES	111	111	135	108	67	55	26	26	26	26	26	26	80	82	64
53 INVESTOR-OWNED UTILITIES	1012	1012	963	626	598	598	524	512	500	506	506	535	885	960	685
54 NON-NORTHWEST UTILITIES *	139	139	139	139	139	139	103	103	103	103	103	17	72	103	108
55 TOTAL EXPORTS	2087	2087	2067	1680	1579	1534	1398	1373	1361	1363	1363	1348	1849	1971	1634

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-3

SHEET 1 OF 2

REGULATED HYDRO PROJECTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
REGULATED HYDRO PROJECTS																	
1	ALBENI FLS AFTER ENC.	FED	36	25	29	34	24	20	19	20	20	23	18	34	38	29	26
2	ALDER	TCL	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
3	BONNEVILLE	FED	256	378	437	464	517	569	497	590	521	630	416	419	380	323	463
4	BOUNDARY AFTER ENC.	SCL	351	233	269	401	346	338	303	377	359	430	613	582	414	277	373
5	BOX CANYON AFTER ENC.	PENDO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	BROWNLEE	ID	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
7	CABINET GORGE	WWP	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
8	CARMEN-SMITH	EUG	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
9	CHELAN AFTER ENC.	CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
10	CHIEF JOSEPH AFT ENC.	FED	1167	1169	933	932	1180	1188	1020	910	916	884	1661	1532	1482	1237	1148
11	CUSHMAN 1	TCL	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
12	CUSHMAN 2	TCL	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
13	DIABLO	SCL	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
14	DWORSHAK	FED	56	56	56	56	62	203	56	80	61	448	449	449	57	412	166
15	FARADAY	PGE	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
16	GORGE	SCL	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
17	GRAND COULEE-LDS+TRB	FED	1756	1852	1492	1559	2064	2082	1793	1605	1570	1415	2625	2285	2242	1864	1865
18	HELLS CANYON	ID	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
19	HUNGRY HORSE	FED	165	228	157	117	113	177	262	62	206	0	0	0	0	0	108
20	ICE HARBOR	FED	62	77	142	141	105	156	155	183	205	358	398	428	224	41	186
21	JOHN DAY	FED	703	741	686	742	814	872	774	862	790	972	1415	1451	1150	889	912
22	KERR REGIONAL	MPC	39	41	31	30	40	43	39	35	38	48	58	55	52	35	41
23	LA GRANDE	TCL	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
24	LIBBY	FED	354	195	231	93	368	279	121	109	77	102	278	151	231	328	204
25	LITTLE FALLS	WWP	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
26	LITTLE GOOSE	FED	90	99	150	141	106	153	155	166	197	403	497	532	351	228	227
27	LONG LAKE	WWP	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
28	LOWER BAKER	PSP&L	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
29	LOWER GRANITE	FED	102	101	152	143	108	155	157	168	200	404	510	546	359	233	232
30	LOWER MONUMENTAL	FED	86	95	144	143	105	158	158	186	209	419	513	543	365	236	234
31	MAYFIELD	TCL	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
32	MCNARY	FED	551	560	489	492	579	633	575	614	563	675	1002	1053	873	694	663
33	MERWIN	PP&L	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
34	MONROE STREET	WWP	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
35	MOSSY ROCK	TCL	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
36	NINE MILE	WWP	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
37	NORTH FORK	PGE	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
38	NOXON	WWP	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
39	OAK GROVE	PGE	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
40	OXBOW	ID	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
41	PACKWOOD	WPPSS	6	6	4	5	5	5	5	13	6	11	1	12	14	8	7
42	PELTON	PGE	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
45	PRST RPDS AFTER ENC.	GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

REGULATED HYDRO

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
REGULATED HYDRO PROJECTS																
46 RIVER MILL	PGE	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
47 ROCK ISLAND	CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
48 RKY REACH AFTER ENC.	CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
49 ROSS	SCL	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
50 ROUND BUTTE	PGE	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
51 SWIFT 1	PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
52 SWIFT 2	COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
53 THE DALLES	FED	581	601	547	576	650	713	629	705	644	771	1125	1035	914	728	723
54 THOMPSON FLS REGIONAL	MPC	14	13	11	11	12	11	15	15	15	28	33	32	28	21	18
55 TRAIL BRIDGE	EUG	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
56 UPPER BAKER	PSP&L	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
57 UPPER FALLS	WWP	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
58 WANAPUM AFTER ENC.	GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
59 WELLS AFTER ENC.	DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
60 WHITE	PSP&L	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
61 YALE	PP&L	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
HYDRO EFFICIENCY IMPROVEMENTS																
62 HYDRO EFFICIENCY IMP.	FED	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
63 REGULATED HYDRO W/ENC.		9782	9934	9375	9598	11115	12039	11022	11019	10511	11884	16984	15886	14063	11659	11715
TOTAL REGULATED HYDRO W/ENCROACHMENTS																
64 FEDERAL SYSTEM		6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
65 PUBLIC AGENCIES		1572	1498	1431	1726	1861	1939	1926	1904	1728	1735	2447	2012	2196	1766	1843
66 INVESTOR-OWNED UTILITIES		2194	2208	2250	2189	2409	2692	2675	2797	2553	2589	3584	3359	3142	2598	2663
67 TOTAL REGULATED HYDRO W/ENC		9782	9934	9375	9598	11115	12039	11022	11019	10511	11884	16984	15886	14063	11659	11715
HYDRO INDEPENDENTS (FROM TABLE A-4)																
68 FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
69 PUBLIC AGENCIES		84	83	74	85	75	94	102	187	119	127	126	111	106	85	104
70 INVESTOR-OWNED UTILITIES		542	536	522	497	541	668	575	668	623	656	660	631	581	553	588
71 TOTAL HYDRO INDEPENDENTS		1033	975	917	898	905	1104	869	1194	984	1019	1045	1089	1068	1001	1005
TOTAL REGIONAL HYDRO																
72 FEDERAL SYSTEM		6423	6584	6015	5999	7134	7750	6613	6657	6472	7796	11212	10862	9106	7658	7523
73 PUBLIC AGENCIES		1656	1581	1505	1811	1936	2033	2028	2091	1847	1862	2573	2123	2302	1851	1947
74 INVESTOR-OWNED UTILITIES		2736	2744	2772	2686	2950	3360	3250	3465	3176	3245	4244	3990	3723	3151	3251
75 TOTAL REGIONAL HYDRO		10815	10909	10292	10496	12020	13143	11891	12213	11495	12903	18029	16975	15131	12660	12720

TABLE A-3

REGULATED HYDRO PROJECTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	REGULATED HYDRO PROJECTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	ALBENI FLS AFTER ENC.	FED	36	25	29	34	24	20	19	20	20	23	18	34	38	29	26
2	ALDER	TCL	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
3	BONNEVILLE	FED	256	378	437	464	517	569	497	590	521	630	416	419	380	323	463
4	BOUNDARY AFTER ENC.	SCL	351	233	269	401	346	338	303	377	359	430	613	582	414	277	373
5	BOX CANYON AFTER ENC.	PENDO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	BROWNLEE	ID	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
7	CABINET GORGE	WWP	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
8	CARMEN-SMITH	EUG	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
9	CHELAN AFTER ENC.	CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
10	CHIEF JOSEPH AFT ENC.	FED	1167	1169	933	932	1180	1188	1020	910	916	884	1661	1532	1482	1237	1148
11	CUSHMAN 1	TCL	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
12	CUSHMAN 2	TCL	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
13	DIABLO	SCL	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
14	DWORSHAK	FED	56	56	56	56	62	203	56	80	61	448	449	449	57	412	166
15	FARADAY	PGE	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
16	GORGE	SCL	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
17	GRAND COULEE-LDS+TRB	FED	1756	1852	1492	1559	2064	2082	1793	1605	1570	1415	2625	2285	2242	1864	1865
18	HELLS CANYON	ID	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
19	HUNGRY HORSE	FED	165	228	157	117	113	177	262	62	206	0	0	0	0	0	108
20	ICE HARBOR	FED	62	77	142	141	105	156	155	183	205	358	398	428	224	41	186
21	JOHN DAY	FED	703	741	686	742	814	872	774	862	790	972	1415	1451	1150	889	912
22	KERR REGIONAL	MPC	48	50	31	35	46	50	50	46	48	47	56	58	55	35	46
23	LA GRANDE	TCL	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
24	LIBBY	FED	354	195	231	93	368	279	121	109	77	102	278	151	231	328	204
25	LITTLE FALLS	WWP	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
26	LITTLE GOOSE	FED	90	99	150	141	106	153	155	166	197	403	497	532	351	228	227
27	LONG LAKE	WWP	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
28	LOWER BAKER	PSP&L	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
29	LOWER GRANITE	FED	102	101	152	143	108	155	157	168	200	404	510	546	359	233	232
30	LOWER MONUMENTAL	FED	86	95	144	143	105	158	158	186	209	419	513	543	365	236	234
31	MAYFIELD	TCL	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
32	MCNARY	FED	551	560	489	492	579	633	575	614	563	675	1002	1053	873	694	663
33	MERWIN	PP&L	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
34	MONROE STREET	WWP	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
35	MOSSY ROCK	TCL	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
36	NINE MILE	WWP	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
37	NORTH FORK	PGE	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
38	NOXON	WWP	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
39	OAK GROVE	PGE	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
40	OXBOW	ID	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
41	PACKWOOD	WPPSS	6	6	4	5	5	5	5	13	6	11	1	12	14	8	7
42	PELTON	PGE	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
45	PRST RPDS AFTER ENC.	GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

REGULATED HYDRO

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
REGULATED HYDRO PROJECTS																	
46	RIVER MILL	PGE	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
47	ROCK ISLAND	CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
48	RKY REACH AFTER ENC.	CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
49	ROSS	SCL	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
50	ROUND BUTTE	PGE	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
51	SWIFT 1	PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
52	SWIFT 2	COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
53	THE DALLES	FED	581	601	547	576	650	713	629	705	644	771	1125	1035	914	728	723
54	THOMPSON FLS REGIONAL	MPC	17	16	11	13	14	13	19	19	20	27	32	33	30	21	20
55	TRAIL BRIDGE	EUG	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
56	UPPER BAKER	PSP&L	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
57	UPPER FALLS	WWP	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
58	WANAPUM AFTER ENC.	GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
59	WELLS AFTER ENC.	DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
60	WHITE	PSP&L	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
61	YALE	PP&L	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
HYDRO EFFICIENCY IMPROVEMENTS																	
62	HYDRO EFFICIENCY IMP.	FED	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
63	REGULATED HYDRO W/ENC.		9794	9946	9375	9605	11123	12048	11037	11034	10526	11882	16981	15890	14068	11659	11722
TOTAL REGULATED HYDRO W/ENCROACHMENTS																	
64	FEDERAL SYSTEM		6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
65	PUBLIC AGENCIES		1592	1518	1450	1744	1881	1959	1945	1922	1746	1753	2466	2032	2215	1796	1863
66	INVESTOR-OWNED UTILITIES		2186	2200	2231	2178	2397	2681	2671	2794	2550	2569	3562	3343	3128	2568	2650
67	TOTAL REGULATED HYDRO W/ENC		9794	9946	9375	9605	11123	12048	11037	11034	10526	11882	16981	15890	14068	11659	11722
HYDRO INDEPENDENTS (FROM TABLE A-4)																	
68	FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
69	PUBLIC AGENCIES		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
70	INVESTOR-OWNED UTILITIES		554	548	522	504	548	675	585	678	634	654	659	634	584	554	594
71	TOTAL HYDRO INDEPENDENTS		1052	994	924	912	920	1118	886	1211	1003	1024	1051	1099	1078	1009	1018
TOTAL REGIONAL HYDRO																	
72	FEDERAL SYSTEM		6423	6584	6015	5999	7134	7750	6613	6657	6472	7796	11212	10862	9106	7658	7523
73	PUBLIC AGENCIES		1683	1608	1531	1836	1964	2060	2054	2116	1873	1887	2599	2150	2328	1888	1974
74	INVESTOR-OWNED UTILITIES		2740	2748	2753	2682	2945	3356	3256	3472	3184	3223	4221	3977	3712	3122	3244
75	TOTAL REGIONAL HYDRO		10846	10940	10299	10517	12043	13166	11923	12245	11529	12906	18032	16989	15146	12668	12741

TABLE A-3

REGULATED HYDRO PROJECTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
REGULATED HYDRO PROJECTS																	
1	ALBENI FLS AFTER ENC.	FED	36	25	29	34	24	20	19	20	20	23	18	34	38	29	26
2	ALDER	TCL	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
3	BONNEVILLE	FED	256	378	437	464	517	569	497	590	521	630	416	419	380	323	463
4	BOUNDARY AFTER ENC.	SCL	351	233	269	401	346	338	303	377	359	430	613	582	414	277	373
5	BOX CANYON AFTER ENC.	PENDO	53	33	42	59	52	51	47	56	54	62	73	74	59	41	54
6	BROWNLEE	ID	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
7	CABINET GORGE	WWP	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
8	CARMEN-SMITH	EUG	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
9	CHELAN AFTER ENC.	CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
10	CHIEF JOSEPH AFT ENC.	FED	1167	1169	933	932	1180	1188	1020	910	916	884	1661	1532	1482	1237	1148
11	CUSHMAN 1	TCL	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
12	CUSHMAN 2	TCL	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
13	DIABLO	SCL	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
14	DWORSHAK	FED	56	56	56	56	62	203	56	80	61	448	449	449	57	412	166
15	FARADAY	PGE	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
16	GORGE	SCL	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
17	GRAND COULEE-LDS+TRB	FED	1756	1852	1492	1559	2064	2082	1793	1605	1570	1415	2625	2285	2242	1864	1865
18	HELLS CANYON	ID	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
19	HUNGRY HORSE	FED	165	228	157	117	113	177	262	62	206	0	0	0	0	0	108
20	ICE HARBOR	FED	62	77	142	141	105	156	155	183	205	358	398	428	224	41	186
21	JOHN DAY	FED	703	741	686	742	814	872	774	862	790	972	1415	1451	1150	889	912
22	KERR REGIONAL	MPC	45	47	28	33	42	46	46	42	45	43	52	53	51	33	43
23	LA GRANDE	TCL	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
24	LIBBY	FED	354	195	231	93	368	279	121	109	77	102	278	151	231	328	204
25	LITTLE FALLS	WWP	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
26	LITTLE GOOSE	FED	90	99	150	141	106	153	155	166	197	403	497	532	351	228	227
27	LONG LAKE	WWP	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
28	LOWER BAKER	PSP&L	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
29	LOWER GRANITE	FED	102	101	152	143	108	155	157	168	200	404	510	546	359	233	232
30	LOWER MONUMENTAL	FED	86	95	144	143	105	158	158	186	209	419	513	543	365	236	234
31	MAYFIELD	TCL	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
32	MCNARY	FED	551	560	489	492	579	633	575	614	563	675	1002	1053	873	694	663
33	MERWIN	PP&L	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
34	MONROE STREET	WWP	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
35	MOSSY ROCK	TCL	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
36	NINE MILE	WWP	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
37	NORTH FORK	PGE	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
38	NOXON	WWP	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
39	OAK GROVE	PGE	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
40	OXBOW	ID	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
41	PACKWOOD	WPPSS	6	6	4	5	5	5	5	13	6	11	1	12	14	8	7
42	PELTON	PGE	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
45	PRST RPDS AFTER ENC.	GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

TABLE A-3 (CONTINUED)

REGULATED HYDRO

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
REGULATED HYDRO PROJECTS																	
46	RIVER MILL	PGE	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
47	ROCK ISLAND	CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
48	RKY REACH AFTER ENC.	CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
49	ROSS	SCL	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
50	ROUND BUTTE	PGE	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
51	SWIFT 1	PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
52	SWIFT 2	COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
53	THE DALLES	FED	581	601	547	576	650	713	629	705	644	771	1125	1035	914	728	723
54	THOMPSON FLS REGIONAL	MPC	16	15	10	12	13	12	17	17	18	25	30	31	27	20	18
55	TRAIL BRIDGE	EUG	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
56	UPPER BAKER	PSP&L	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
57	UPPER FALLS	WWP	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
58	WANAPUM AFTER ENC.	GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
59	WELLS AFTER ENC.	DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
60	WHITE	PSP&L	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
61	YALE	PP&L	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
HYDRO EFFICIENCY IMPROVEMENTS																	
62	HYDRO EFFICIENCY IMP.	FED	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
63	REGULATED HYDRO W/ENC.		9790	9942	9371	9602	11118	12043	11031	11028	10521	11876	16975	15883	14061	11656	11717
TOTAL REGULATED HYDRO W/ENCROACHMENTS																	
64	FEDERAL SYSTEM		6016	6228	5694	5683	6845	7408	6421	6318	6230	7560	10953	10515	8725	7295	7209
65	PUBLIC AGENCIES		1652	1575	1489	1785	1941	2018	1991	1960	1784	1791	2584	2143	2325	1852	1924
66	INVESTOR-OWNED UTILITIES		2122	2139	2188	2134	2332	2617	2619	2750	2507	2525	3438	3225	3011	2509	2584
67	TOTAL REGULATED HYDRO W/ENC		9790	9942	9371	9602	11118	12043	11031	11028	10521	11876	16975	15883	14061	11656	11717
HYDRO INDEPENDENTS (FROM TABLE A-4)																	
68	FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
69	PUBLIC AGENCIES		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
70	INVESTOR-OWNED UTILITIES		550	544	518	499	545	671	582	675	630	650	654	630	581	550	590
71	TOTAL HYDRO INDEPENDENTS		1048	990	920	907	917	1114	883	1208	999	1020	1046	1095	1075	1005	1015
TOTAL REGIONAL HYDRO																	
72	FEDERAL SYSTEM		6423	6584	6015	5999	7134	7750	6613	6657	6472	7796	11212	10862	9106	7658	7523
73	PUBLIC AGENCIES		1743	1665	1570	1877	2024	2119	2100	2154	1911	1925	2717	2261	2438	1944	2035
74	INVESTOR-OWNED UTILITIES		2672	2683	2706	2633	2877	3288	3201	3425	3137	3175	4092	3855	3592	3059	3174
75	TOTAL REGIONAL HYDRO		10838	10932	10291	10509	12035	13157	11914	12236	11520	12896	18021	16978	15136	12661	12732

TABLE A-4

SHEET 1 OF 2

HYDRO INDEPENDENTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	AMERICAN FALLS	ID	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
2	ANDERSON RANCH	FED	25	22	16	11	5	10	8	24	4	5	5	4	38	35	15
3	BIG CLIFF	FED	10	6	8	13	15	17	7	15	7	7	7	7	7	7	10
4	BIG CREEK	FED	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	10	10	10	10	8	8	9
6	BLACK EAGLE REGIONAL	MPC	5	5	4	4	4	4	4	3	3	5	5	5	5	6	4
7	BLISS	ID	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
8	BULL RUN	PGE	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
9	C.J.STRIKE	ID	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
10	CALISPEL CREEK	PENDO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
11	CASCADE	ID	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
12	CEDAR FALLS, NEWHALEM	SCL	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4	7
14	COCHRANE REGIONAL	MPC	8	8	8	7	7	6	6	5	6	8	9	9	7	10	7
15	CNDT,SM PLNTS,BIG FRK	PP&L	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
16	COUGAR	FED	17	17	15	25	24	16	8	11	8	8	8	8	8	15	14
17	COWLITZ FALLS	FED	11	11	7	7	4	17	14	53	29	45	45	36	28	15	22
18	DETROIT	FED	39	22	29	43	45	48	20	47	22	23	24	24	26	25	32
19	DEXTER	FED	7	6	8	12	16	14	7	9	5	5	5	5	5	4	8
21	FELT	PP&L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	17	7	19	8	5	5	8	8	5	8
23	GEM STATE HYDRO	CIDFL	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
24	GREEN PETER	FED	23	11	13	26	16	59	14	32	9	1	1	16	16	4	19
25	GREEN SPRINGS - USBR	PP&L	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	HAUSER REGIONAL	MPC	4	4	4	4	4	3	3	3	3	5	5	5	4	5	4
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	21	11	12	6	6	6	6	6	6	13
29	HOLTER REGIONAL	MPC	8	8	8	8	7	7	6	6	6	9	10	9	8	10	8
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21	19
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
34	KLAMATH	PP&L	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
35	LEABURG	EUG	7	6	5	7	7	13	10	13	13	11	11	10	7	6	9
36	LOOKOUT POINT	FED	29	25	33	45	47	33	16	27	16	17	17	17	18	15	26
37	LOST CREEK	FED	43	34	23	28	26	19	20	15	32	19	20	31	38	43	28
38	LOWER SALMON	ID	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
39	MADISON REGIONAL	MPC	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2
40	MCNARY FISHWAY	NWSCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	MEYERS FALLS	WWP	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
42	MILL CREEK	LEWIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	MLTWN FLT CR REGIONAL	MPC	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
45	MINIDOKA	FED	16	16	14	4	4	9	2	2	11	15	15	16	15	16	10
46	MORONY REGIONAL	MPC	9	9	9	8	8	7	6	6	6	10	10	10	8	11	8
47	MORSE CREEK PT	ANGLS	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	2	2	2	2	2	2	2	1	2	2	3	2	2	3	2
50	NORTH UMPQUA	PP&L	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
51	PALISADES	FED	131	131	88	40	22	22	23	31	37	23	47	131	131	131	68
52	RAINBOW REGIONAL	MPC	10	10	10	9	9	8	8	7	7	11	12	11	9	13	9
53	REEDER GULCH	ASHLD	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
55	ROZA - PUMPING LOAD	FED	8	8	8	-1	0	0	0	5	7	13	10	6	8	8	5
56	RYAN REGIONAL	MPC	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
57	SHOSHONE FALLS	ID	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
58	SNOQUALMIE,ELCT & NK	PSP&L	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
59	SODA CREEK	SODA SPR	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
60	SOUTH FORK TOLT	SCL	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
62	STRAWBERRY	LWVAL	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
65	THE DALLES FISHWAY	NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
67	UPPER SALMON 1&2	ID	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
68	UPPER SALMON 3&4	ID	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
70	WYNOCHEE	TCL	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
69	YELM	CNTRA	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
70	TOTAL HYDRO INDEPENDENTS		1033	975	917	898	905	1104	869	1194	984	1019	1045	1089	1068	1001	1005

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
73	PUBLIC AGENCIES		84	83	74	85	75	94	102	187	119	127	126	111	106	85	104
74	INVESTOR-OWNED UTILITIES		542	536	522	497	541	668	575	668	623	656	660	631	581	553	588
75	TOTAL HYDRO INDEPENDENTS		1033	975	917	898	905	1104	869	1194	984	1019	1045	1089	1068	1001	1005

TABLE A-4

HYDRO INDEPENDENTS

SHEET 1 OF 2

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	AMERICAN FALLS	ID	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
2	ANDERSON RANCH	FED	25	22	16	11	5	10	8	24	4	5	5	4	38	35	15
3	BIG CLIFF	FED	10	6	8	13	15	17	7	15	7	7	7	7	7	7	10
4	BIG CREEK	FED	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	10	10	10	10	8	8	9
6	BLACK EAGLE REGIONAL	MPC	6	6	4	5	5	5	5	4	4	5	5	6	5	6	5
7	BLISS	ID	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
8	BULL RUN	PGE	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
9	C.J.STRIKE	ID	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
10	CALISPEL CREEK	PENDO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
11	CASCADE	ID	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
12	CEDAR FALLS, NEWHALEM	SCL	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4	7
14	COCHRANE REGIONAL	MPC	9	9	8	8	8	7	7	7	7	8	9	9	8	10	8
15	CNDT,SM PLNTS,BIG FRK	PP&L	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
16	COUGAR	FED	17	17	15	25	24	16	8	11	8	8	8	8	8	15	14
17	COWLITZ FALLS	FED	11	11	7	7	4	17	14	53	29	45	45	36	28	15	22
18	DETROIT	FED	39	22	29	43	45	48	20	47	22	23	24	24	26	25	32
19	DEXTER	FED	7	6	8	12	16	14	7	9	5	5	5	5	5	4	8
21	FELT	PP&L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	17	7	19	8	5	5	8	8	5	8
23	GEM STATE HYDRO	CIDFL	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
24	GREEN PETER	FED	23	11	13	26	16	59	14	32	9	1	1	16	16	4	19
25	GREEN SPRINGS - USBR	PP&L	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	HAUSER REGIONAL	MPC	5	5	4	4	4	4	4	4	4	4	5	5	4	5	4
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	21	11	12	6	6	6	6	6	6	13
29	HOLTER REGIONAL	MPC	10	10	8	9	9	8	8	7	8	9	10	10	8	11	9
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21	19
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
34	KLAMATH	PP&L	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
35	LEABURG	EUG	7	6	5	7	8	13	10	13	13	11	11	10	7	6	9
36	LOOKOUT POINT	FED	29	25	33	45	47	33	16	27	16	17	17	17	18	15	26
37	LOST CREEK	FED	43	34	23	28	26	19	20	15	32	19	20	31	38	43	28
38	LOWER SALMON	ID	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
39	MADISON REGIONAL	MPC	3	3	2	3	3	2	2	2	2	3	3	3	2	3	2
40	MCNARY FISHWAY	NWSCO	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
41	MEYERS FALLS	WWP	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
42	MILL CREEK	LEWIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	MLTWN FLT CR REGIONAL	MPC	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
45	MINIDOKA	FED	16	16	14	4	4	9	2	2	11	15	15	16	15	16	10
46	MORONY REGIONAL	MPC	11	11	9	9	9	8	8	8	8	9	10	10	9	11	9
47	MORSE CREEK PT	ANGLS	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2
50	NORTH UMPQUA	PP&L	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
51	PALISADES	FED	131	131	88	40	22	22	23	31	37	23	47	131	131	131	68
52	RAINBOW REGIONAL	MPC	12	12	10	11	10	10	10	9	10	11	12	12	10	13	11
53	REEDER GULCH	ASHLD	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
55	ROZA - PUMPING LOAD	FED	8	8	8	-1	0	0	0	5	7	13	10	6	8	8	5
56	RYAN REGIONAL	MPC	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
57	SHOSHONE FALLS	ID	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
58	SNOQUALMIE,ELCT & NK	PSP&L	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
59	SODA CREEK	SODA SPR	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
60	SOUTH FORK TOLT	SCL	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
62	STRAWBERRY	LWVAL	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
65	THE DALLES FISHWAY	NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
67	UPPER SALMON 1&2	ID	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
68	UPPER SALMON 3&4	ID	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
70	WYNOCHEE	TCL	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
69	YELM	CNTRA	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
70	TOTAL HYDRO INDEPENDENTS		1052	994	924	912	920	1118	886	1211	1003	1024	1051	1099	1078	1009	1018

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
73	PUBLIC AGENCIES		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
74	INVESTOR-OWNED UTILITIES		554	548	522	504	548	675	585	678	634	654	659	634	584	554	594
75	TOTAL HYDRO INDEPENDENTS		1052	994	924	912	920	1118	886	1211	1003	1024	1051	1099	1078	1009	1018

TABLE A-4

HYDRO INDEPENDENTS

SHEET 1 OF 2

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	AMERICAN FALLS	ID	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
2	ANDERSON RANCH	FED	25	22	16	11	5	10	8	24	4	5	5	4	38	35	15
3	BIG CLIFF	FED	10	6	8	13	15	17	7	15	7	7	7	7	7	7	10
4	BIG CREEK	FED	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	10	10	10	10	8	8	9
6	BLACK EAGLE REGIONAL	MPC	5	5	4	5	5	4	4	4	4	5	5	5	5	6	5
7	BLISS	ID	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
8	BULL RUN	PGE	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
9	C.J.STRIKE	ID	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
10	CALISPEL CREEK	PENDO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
11	CASCADE	ID	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
12	CEDAR FALLS, NEWHALEM	SCL	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4	7
14	COCHRANE REGIONAL	MPC	9	9	7	7	7	7	7	6	7	8	8	8	7	9	7
15	CNDT,SM PLNTS,BIG FRK	PP&L	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
16	COUGAR	FED	17	17	15	25	24	16	8	11	8	8	8	8	8	15	14
17	COWLITZ FALLS	FED	11	11	7	7	4	17	14	53	29	45	45	36	28	15	22
18	DETROIT	FED	39	22	29	43	45	48	20	47	22	23	24	24	26	25	32
19	DEXTER	FED	7	6	8	12	16	14	7	9	5	5	5	5	5	4	8
21	FELT	PP&L	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	17	7	19	8	5	5	8	8	5	8
23	GEM STATE HYDRO	CIDFL	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
24	GREEN PETER	FED	23	11	13	26	16	59	14	32	9	1	1	16	16	4	19
25	GREEN SPRINGS - USBR	PP&L	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
26	HAUSER REGIONAL	MPC	5	5	4	4	4	4	4	3	4	4	4	5	4	5	4
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	21	11	12	6	6	6	6	6	6	13
29	HOLTER REGIONAL	MPC	10	10	7	8	8	7	7	7	7	8	9	9	8	10	8
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21	19
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
34	KLAMATH	PP&L	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
35	LEABURG	EUG	7	6	5	7	8	13	10	13	13	11	11	10	7	6	9
36	LOOKOUT POINT	FED	29	25	33	45	47	33	16	27	16	17	17	17	18	15	26
37	LOST CREEK	FED	43	34	23	28	26	19	20	15	32	19	20	31	38	43	28
38	LOWER SALMON	ID	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
39	MADISON REGIONAL	MPC	3	3	2	2	2	2	2	2	2	2	3	3	2	3	2
40	MCNARY FISHWAY NWSCO		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
41	MEYERS FALLS WWP		0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
42	MILL CREEK LEWIS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	MLTWN FLT CR REGIONAL	MPC	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
45	MINIDOKA	FED	16	16	14	4	4	9	2	2	11	15	15	16	15	16	10
46	MORONY REGIONAL	MPC	10	10	8	8	8	7	8	7	7	9	9	10	8	10	8
47	MORSE CREEK PT ANGLS		0	0	0	0	0	1	1	1	1	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
50	NORTH UMPQUA	PP&L	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
51	PALISADES	FED	131	131	88	40	22	22	23	31	37	23	47	131	131	131	68
52	RAINBOW REGIONAL	MPC	12	12	9	10	10	9	9	8	9	10	11	11	9	12	10
53	REEDER GULCH	ASHLD	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
55	ROZA - PUMPING LOAD	FED	8	8	8	-1	0	0	0	5	7	13	10	6	8	8	5
56	RYAN REGIONAL	MPC	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2
57	SHOSHONE FALLS	ID	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
58	SNOQUALMIE,ELCT & NK	PSP&L	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
59	SODA CREEK	SODA SPR	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
60	SOUTH FORK TOLT	SCL	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
62	STRAWBERRY	LWVAL	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
65	THE DALLES FISHWAY	NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
67	UPPER SALMON 1&2	ID	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
68	UPPER SALMON 3&4	ID	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
70	WYNOCHEE	TCL	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
69	YELM	CNTRA	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
70	TOTAL HYDRO INDEPENDENTS		1048	990	920	907	917	1114	883	1208	999	1020	1046	1095	1075	1005	1015

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		407	356	321	316	289	342	192	339	242	236	259	347	381	363	313
73	PUBLIC AGENCIES		91	90	81	92	83	101	109	194	127	134	133	118	113	92	111
74	INVESTOR-OWNED UTILITIES		550	544	518	499	545	671	582	675	630	650	654	630	581	550	590
75	TOTAL HYDRO INDEPENDENTS		1048	990	920	907	917	1114	883	1208	999	1020	1046	1095	1075	1005	1015

TABLE A-5

IMPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS FROM EAST																
1 BASIN ELEC. TO BPA	PWR S	120	120	120	120	118	118	118	118	118	118	31	0	0	0	85
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
INTRA-COMPANY TRANSFERS																
3 PP&L WYOMING TO PP&L		1031	1031	725	789	749	1005	948	940	802	819	820	865	999	1100	898
4 UTAH		460	460	335	293	309	284	346	358	330	317	317	350	485	538	367
5 IMPORTS FROM EAST		1624	1624	1222	1310	1337	1622	1601	1561	1367	1344	1258	1215	1502	1672	1444
IMPORTS FROM PSW																
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	3	3	4	3	3	3	2	0	0	0	0	0	2
13 PASADENA TO BPA	SEAS RPLC	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
15 RIVERSIDE TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	45	45	45	45	45	45	0	0	0	0	0	0	22
19 SDG&E TO BPA	DEF NRG RET	0	0	102	102	102	102	102	102	0	0	0	0	0	0	51
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	15	30	31	30	0	0	0	0	0	0	9
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
25 PG&E TO PSP&L	SPX	0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
26 PG&E TO SCL	SPX	35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
27 NCPA TO SCL	SPX	0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 PG&E TO WWP	SPX	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
29 IMPORTS FROM PSW		35	35	186	198	491	540	543	540	83	18	6	0	35	48	226
IMPORTS FROM CANADA																
30 BC HYDRO TO PSP&L	PWR S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31 BC HYDRO TO SCL	ROSS	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
32 BC HYDRO TO BPA	PGE ICP	150	150	150	0	0	0	0	0	0	0	0	0	0	0	25
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		170	170	165	21	37	47	60	69	62	29	29	28	38	26	63
35 TOTAL IMPORTS		1829	1829	1573	1529	1865	2209	2204	2170	1512	1391	1293	1243	1575	1746	1733

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TOTAL IMPORTS															
36 FEDERAL SYSTEM	283	283	463	391	458	526	501	456	249	220	121	0	18	47	297
37 PUBLIC AGENCIES	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
38 INVESTOR-OWNED UTILITIES	1493	1493	1062	1084	1348	1608	1615	1617	1173	1138	1139	1217	1486	1640	1373
39 TOTAL IMPORTS	1829	1829	1573	1529	1865	2209	2204	2170	1512	1391	1293	1243	1575	1746	1733

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-5

IMPORTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS FROM EAST																
1 BASIN ELEC. TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
INTRA-COMPANY TRANSFERS																
3 PP&L WYOMING TO PP&L		957	957	825	743	822	842	840	823	655	673	673	588	888	950	800
4 UTAH		472	472	344	300	316	289	353	366	336	323	323	357	499	556	376
5 IMPORTS FROM EAST		1442	1442	1211	1151	1299	1346	1382	1334	1108	1086	1086	945	1405	1540	1271
IMPORTS FROM PSW																
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	3	3	4	3	3	3	2	0	0	0	0	0	2
13 PASADENA TO BPA	SEAS RPLC	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
15 RIVERSIDE TO BPA	XCH NRG 2	16	16	16	16	4	4	4	4	4	4	4	0	0	16	7
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	9	9	9	9	9	9	0	0	0	0	4
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	15	30	30	30	0	0	0	0	0	0	9
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
25 PG&E TO PSP&L	SPX	0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
26 PG&E TO SCL	SPX	35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
27 NCPA TO SCL	SPX	0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 PG&E TO WWP	SPX	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
29 IMPORTS FROM PSW		51	51	55	67	357	406	408	406	96	31	10	0	35	51	163
IMPORTS FROM CANADA																
30 BC HYDRO TO PSP&L	PWR S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31 BC HYDRO TO SCL	ROSS	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
32 BC HYDRO TO BPA	PGE ICP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		20	20	15	21	37	47	60	69	62	29	29	28	38	26	38
35 TOTAL IMPORTS		1513	1513	1281	1239	1693	1799	1850	1809	1266	1146	1125	973	1478	1617	1471

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
	1999- 0 OPERATING YEAR														
TOTAL IMPORTS															
36 FEDERAL SYSTEM	29	29	62	140	206	274	248	204	144	115	94	0	18	50	123
37 PUBLIC AGENCIES	53	53	48	54	59	75	88	97	90	33	33	26	71	59	63
38 INVESTOR-OWNED UTILITIES	1431	1431	1171	1045	1428	1450	1514	1508	1032	998	998	947	1389	1508	1285
39 TOTAL IMPORTS	1513	1513	1281	1239	1693	1799	1850	1809	1266	1146	1125	973	1478	1617	1471

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-5

IMPORTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS FROM EAST																
1 BASIN ELEC. TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	89	89	0	18	34	94
INTRA-COMPANY TRANSFERS																
3 PP&L WYOMING TO PP&L		777	777	436	465	465	712	718	723	590	637	637	764	780	828	658
4 UTAH		513	513	373	324	337	306	376	376	356	341	341	380	539	607	402
5 IMPORTS FROM EAST		1303	1303	851	897	963	1233	1283	1244	1063	1067	1067	1144	1337	1469	1154
IMPORTS FROM PSW																
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	3	3	4	3	3	3	2	0	0	0	0	0	2
13 PASADENA TO BPA	SEAS RPLC	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	6	6	6	6	6	6	6	0	0	0	0	3
15 RIVERSIDE TO BPA	XCH NRG 2	16	16	16	16	4	4	4	4	4	4	4	0	0	16	7
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	9	9	9	9	9	9	0	0	0	0	4
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	15	30	30	30	0	0	0	0	0	0	9
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
25 PG&E TO PSP&L	SPX	0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
26 PG&E TO SCL	SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NCPA TO SCL	SPX	0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 PG&E TO WWP	SPX	0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
29 IMPORTS FROM PSW		16	16	20	32	357	406	408	406	96	31	10	0	0	16	148
IMPORTS FROM CANADA																
30 BC HYDRO TO PSP&L	PWR S	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31 BC HYDRO TO SCL	ROSS	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
32 BC HYDRO TO BPA	PGE ICP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		20	20	15	21	37	47	60	69	62	29	29	28	38	26	38
35 TOTAL IMPORTS		1339	1339	886	950	1357	1686	1751	1719	1221	1127	1106	1172	1375	1511	1340

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	2004- 5 OPERATING YEAR														
	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TOTAL IMPORTS															
36 FEDERAL SYSTEM	29	29	62	140	206	274	248	204	144	114	93	0	18	50	123
37 PUBLIC AGENCIES	18	18	13	19	59	75	88	97	90	33	33	26	36	24	48
38 INVESTOR-OWNED UTILITIES	1292	1292	811	791	1092	1337	1415	1418	987	980	980	1146	1321	1437	1169
39 TOTAL IMPORTS	1339	1339	886	950	1357	1686	1751	1719	1221	1127	1106	1172	1375	1511	1340

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
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D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
3	SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
7	BIRD REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	CORETTE REGIONAL	MPC	47	47	46	42	42	38	35	32	35	51	55	53	0	60	40
9	SEATTLE BOUNDRY	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TOTAL SMALL THERMAL & MISC.		71	71	70	66	72	68	65	62	59	75	79	54	12	84	63
TOTAL SMALL THERMAL & MISC.																	
11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
13	INVESTOR-OWNED UTILITIES		48	48	47	43	49	45	42	39	36	52	56	54	1	61	43
14	TOTAL SMALL THERMAL & MISC.		71	71	70	66	72	68	65	62	59	75	79	54	12	84	63

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS — 1999- 0 OPERATING YEAR

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
3	SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
7	BIRD REGIONAL	MPC	0	0	0	0	3	3	3	3	0	0	0	0	0	0	1
8	CORETTE REGIONAL	MPC	58	58	46	49	49	44	45	41	45	50	54	56	0	60	45
9	SEATTLE BOUNDRY	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TOTAL SMALL THERMAL & MISC.		82	82	70	73	82	77	78	74	69	74	78	57	12	84	69

TOTAL SMALL THERMAL & MISC.

11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
13	INVESTOR-OWNED UTILITIES		59	59	47	50	59	54	55	51	46	51	55	57	1	61	49
14	TOTAL SMALL THERMAL & MISC.		82	82	70	73	82	77	78	74	69	74	78	57	12	84	69

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
3	SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
7	BIRD REGIONAL	MPC	0	0	0	0	3	3	3	3	0	0	0	0	0	0	1
8	CORETTE REGIONAL	MPC	54	54	42	45	45	41	41	38	41	46	50	52	0	57	42
9	SEATTLE BOUNDRY	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TOTAL SMALL THERMAL & MISC.		78	78	66	69	78	74	74	71	65	70	74	53	12	81	66

TOTAL SMALL THERMAL & MISC.

11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
13	INVESTOR-OWNED UTILITIES		55	55	43	46	55	51	51	48	42	47	51	53	1	58	46
14	TOTAL SMALL THERMAL & MISC.		78	78	66	69	78	74	74	71	65	70	74	53	12	81	66

TABLE A-7

COMBUSTION TURBINES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	COGENTRIX	CLRK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BETHEL	PGE	57	57	57	57	57	57	57	57	57	57	57	57	0	57	52
4	BEAVER	PGE	432	432	432	432	433	432	432	433	432	432	29	111	433	432	389
5	WHIDBEY ISLAND	PSP&L	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
6	WHITEHORN	PSP&L	0	0	0	0	117	113	113	124	0	0	0	0	0	0	39
7	FREDRICKSON	PSP&L	0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
8	FREDONIA UNITS 1&2	PSP&L	0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
9	NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10	TOTAL COMBUSTION TURBINES		543	543	543	543	692	687	687	701	543	543	140	222	487	543	544

TOTAL COMBUSTION TURBINES

11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	INVESTOR-OWNED UTILITIES		543	543	543	543	692	687	687	701	543	543	140	222	487	543	544
14	TOTAL COMBUSTION TURBINES		543	543	543	543	692	687	687	701	543	543	140	222	487	543	544

TABLE A-7

COMBUSTION TURBINES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 COGENTRIX	CLRK	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
2 WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BETHEL	PGE	57	57	57	57	57	57	57	57	57	57	57	57	0	57	52
4 BEAVER	PGE	433	433	433	433	433	432	432	433	433	433	29	112	433	433	389
5 WHIDBEY ISLAND	PSP&L	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
6 WHITEHORN	PSP&L	0	0	0	0	117	113	113	125	0	0	0	0	0	0	39
7 FREDRICKSON	PSP&L	0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
8 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
9 NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10 TOTAL COMBUSTION TURBINES		746	746	746	746	894	889	889	904	746	746	342	425	689	746	747
TOTAL COMBUSTION TURBINES																
11 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUBLIC AGENCIES		202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
13 INVESTOR-OWNED UTILITIES		544	544	544	544	692	687	687	702	544	544	140	223	487	544	545
14 TOTAL COMBUSTION TURBINES		746	746	746	746	894	889	889	904	746	746	342	425	689	746	747

TABLE A-7

COMBUSTION TURBINES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	COGENTRIX	CLRK	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
2	WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BETHEL	PGE	57	57	57	57	57	57	57	57	57	57	57	57	0	57	52
4	BEAVER	PGE	433	433	433	433	433	432	432	433	433	433	29	112	433	433	389
5	WHIDBEY ISLAND	PSP&L	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
6	WHITEHORN	PSP&L	0	0	0	0	117	113	113	125	0	0	0	0	0	0	39
7	FREDRICKSON	PSP&L	0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
8	FREDONIA UNITS 1&2	PSP&L	0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
9	NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
10	TOTAL COMBUSTION TURBINES		746	746	746	746	894	889	889	904	746	746	342	425	689	746	747

TOTAL COMBUSTION TURBINES

11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
13	INVESTOR-OWNED UTILITIES		544	544	544	544	692	687	687	702	544	544	140	223	487	544	545
14	TOTAL COMBUSTION TURBINES		746	746	746	746	894	889	889	904	746	746	342	425	689	746	747

TABLE A-8

RENEWABLE RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 SHORT MOUNTAIN	EMRD	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
2 KETTLE FALLS	WWP	45	45	45	45	45	45	44	44	44	27	27	0	0	27	34
3 TOTAL RENEWABLE RESOURCES		47	47	47	47	47	47	47	47	47	30	30	3	3	30	37
TOTAL RENEWABLE RESOURCES																
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
6 INVESTOR-OWNED UTILITIES		45	45	45	45	45	45	44	44	44	27	27	0	0	27	34
7 TOTAL RENEWABLE RESOURCES		47	47	47	47	47	47	47	47	47	30	30	3	3	30	37

TABLE A-8

RENEWABLE RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 SHORT MOUNTAIN	EMRD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 KETTLE FALLS	WWP	44	44	44	44	44	44	44	44	44	26	26	0	0	26	34
3 TOTAL RENEWABLE RESOURCES		48	48	48	48	48	48	48	48	48	30	30	4	4	30	38
TOTAL RENEWABLE RESOURCES																
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6 INVESTOR-OWNED UTILITIES		44	44	44	44	44	44	44	44	44	26	26	0	0	26	34
7 TOTAL RENEWABLE RESOURCES		48	48	48	48	48	48	48	48	48	30	30	4	4	30	38

TABLE A-8

RENEWABLE RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	SHORT MOUNTAIN	EMRD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2	KETTLE FALLS	WWP	45	45	45	45	45	45	45	45	45	27	27	0	0	27	34
3	TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	49	49	49	31	31	4	4	31	38
	TOTAL RENEWABLE RESOURCES																
4	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	PUBLIC AGENCIES		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
6	INVESTOR-OWNED UTILITIES		45	45	45	45	45	45	45	45	45	27	27	0	0	27	34
7	TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	49	49	49	31	31	4	4	31	38

TABLE A-9

COGENERATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 WEYCO ENERGY CENTER	EWEB	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
2 SCOTT PAPER	SNOH	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19
3 COYOTE SPRINGS	PGE	0	0	216	216	216	216	216	216	216	216	216	216	166	216	194
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION																
4 LONGVIEW FIBRE FOR WAPA	*	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
5 TOTAL COGENERATION		51	51	267	267	267	260	294	294	294	305	305	305	255	298	263
TOTAL COGENERATION																
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		15	15	15	15	15	8	42	42	42	53	53	53	53	46	33
8 INVESTOR-OWNED UTILITIES		0	0	216	216	216	216	216	216	216	216	216	216	166	216	194
9 NON-NORTHWEST UTILITIES	*	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
10 TOTAL COGENERATION		51	51	267	267	267	260	294	294	294	305	305	305	255	298	263

TABLE A-9

COGENERATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 WEYCO ENERGY CENTER	EWEB	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
2 SCOTT PAPER	SNOH	38	38	27	27	27	27	27	27	27	38	38	38	38	38	32
3 COYOTE SPRINGS	PGE	216	216	216	216	216	216	216	216	216	216	216	146	151	216	205
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION																
4 LONGVIEW FIBRE FOR WAPA *		36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
5 TOTAL COGENERATION		305	305	294	294	294	287	294	294	294	305	305	235	240	298	286
TOTAL COGENERATION																
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
8 INVESTOR-OWNED UTILITIES		216	216	216	216	216	216	216	216	216	216	216	146	151	216	205
9 NON-NORTHWEST UTILITIES *		36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
10 TOTAL COGENERATION		305	305	294	294	294	287	294	294	294	305	305	235	240	298	286

TABLE A-9

COGENERATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 WEYCO ENERGY CENTER	EWEB	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
2 SCOTT PAPER	SNOH	38	38	27	27	27	27	27	27	27	38	38	38	38	38	32
3 COYOTE SPRINGS	PGE	216	216	216	216	216	216	216	216	216	216	216	147	151	216	205
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION																
4 LONGVIEW FIBRE FOR WAPA	*	36	36	36	36	36	36	0	0	0	0	0	0	0	0	15
5 TOTAL COGENERATION		305	305	294	294	294	287	258	258	258	269	269	200	204	262	265
TOTAL COGENERATION																
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		53	53	42	42	42	35	42	42	42	53	53	53	53	46	45
8 INVESTOR-OWNED UTILITIES		216	216	216	216	216	216	216	216	216	216	216	147	151	216	205
9 NON-NORTHWEST UTILITIES	*	36	36	36	36	36	36	0	0	0	0	0	0	0	0	15
10 TOTAL COGENERATION		305	305	294	294	294	287	258	258	258	269	269	200	204	262	265

TABLE A-10

LARGE THERMAL

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BOARDMAN, COAL															
1 IDAHO SHARE 10.0 %	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
2 PGE SHARE 65.8 %	280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
3 BOARDMAN 75.8% REGION	323	323	323	323	323	323	323	323	323	323	323	52	226	323	292
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES															
4 SDG&E SHARE 14.2 % *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
5 TURLOCK SHARE 10.0 % *	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
6 BOARDMAN 24.2% NON-REGION	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
7 BOARDMAN	426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
CENTRALIA, COAL															
8 PP&L SHARE 47.5 %	615	615	615	615	615	615	615	615	615	391	310	595	615	615	591
9 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	21	16	31	32	32	31
10 PSP&L SHARE 7.0 %	91	91	91	91	91	91	91	91	91	58	46	88	91	91	87
11 SEATTLE SHARE 8.0 %	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
12 TACOMA SHARE 8.0 %	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
13 WWP SHARE 15.0 %	194	194	194	194	194	194	194	194	194	123	98	188	194	194	187
14 SNOHOM SHARE 8.0 %	103	103	103	103	103	103	103	103	103	66	52	100	103	103	99
15 GHARBOR SHARE 4.0 %	52	52	52	52	52	52	52	52	52	33	26	50	52	52	50
16 CENTRALIA	1295	1295	1295	1295	1295	1295	1295	1295	1295	824	652	1252	1295	1295	1245
COLSTRIP 1 & 2, COAL															
17 MPC SHARE IN REGION	92	92	91	82	82	74	69	62	68	50	91	67	88	117	80
18 PSP&L SHARE	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
19 COLSTRIP 1 & 2	358	358	356	348	348	340	335	328	334	183	314	238	354	383	331
COLSTRIP 3, COAL															
20 MPC SHARE IN REGION	68	68	67	61	61	55	51	46	50	74	48	45	65	86	60
21 PP&L SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
22 PGE SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
23 PSP&L SHARE 25 %	164	164	164	164	164	164	164	164	164	164	99	95	164	164	156
24 WWP SHARE 15 %	99	99	99	99	99	99	98	99	99	99	59	57	99	99	94
25 COLSTRIP 3	528	528	527	521	521	515	510	506	510	534	324	311	525	546	496

TABLE A-10 (CONTINUED)

LARGE THERMAL

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COLSTRIP 4, COAL																
26 MPC	SHARE 30 %	197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
27 PP&L	SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
28 PGE	SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
29 PSP&L	SHARE 25 %	164	164	164	164	164	164	164	164	164	164	99	95	164	164	156
30 WWP	SHARE 15 %	99	99	99	99	99	99	99	99	98	98	59	57	99	99	94
31 COLSTRIP 4		657	657	657	657	657	657	657	657	656	656	394	381	657	657	623
JIM BRIDGER, COAL																
32 IDAHO	SHARE 33%	635	635	635	635	635	635	635	553	328	339	538	636	635	635	586
VALMY, COAL																
33 IDAHO	SHARE 50% OUTPUT	202	202	202	202	202	202	202	202	160	202	202	160	202	202	195
WNP 2, NUCLEAR																
34 BPA	SHARE 100.0%	983	983	983	983	983	983	983	983	983	983	0	0	491	983	819
35 TOTAL LARGE THERMAL		5084	5084	5081	5067	5067	5053	5043	4950	4692	4147	2850	3047	4457	5127	4681
TOTAL LARGE THERMAL																
36 FEDERAL SYSTEM		983	983	983	983	983	983	983	983	983	983	0	0	491	983	819
37 PUBLIC AGENCIES		363	363	363	363	363	363	363	363	363	231	182	350	363	363	349
38 INVESTOR-OWNED UTILITIES		3635	3635	3632	3618	3618	3604	3594	3501	3243	2830	2565	2680	3531	3678	3419
39 NON-NORTHWEST UTILITIES	*	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
40 TOTAL LARGE THERMAL		5084	5084	5081	5067	5067	5053	5043	4950	4692	4147	2850	3047	4457	5127	4681

TABLE A-10

LARGE THERMAL

1999- Q OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BOARDMAN, COAL																
1 IDAHO	SHARE 10.0 %	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
2 PGE	SHARE 65.8 %	280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
3 BOARDMAN	75.8% REGION	323	323	323	323	323	323	323	323	323	323	323	52	226	323	292
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES																
4 SDG&E	SHARE 14.2 % *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
5 TURLOCK	SHARE 10.0 % *	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
6 BOARDMAN	24.2% NON-REGION	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
7 BOARDMAN		426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
CENTRALIA, COAL																
8 PP&L	SHARE 47.5 %	615	615	615	615	615	615	615	615	615	615	428	503	615	615	598
9 PGE	SHARE 2.5 %	32	32	32	32	32	32	32	32	32	32	23	27	32	32	31
10 PSP&L	SHARE 7.0 %	91	91	91	91	91	91	91	91	91	91	63	74	91	91	88
11 SEATTLE	SHARE 8.0 %	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
12 TACOMA	SHARE 8.0 %	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
13 WWP	SHARE 15.0 %	194	194	194	194	194	194	194	194	194	194	135	159	194	194	189
14 SNOHOM	SHARE 8.0 %	103	103	103	103	103	103	103	103	103	103	72	85	103	103	100
15 GHARBOR	SHARE 4.0 %	52	52	52	52	52	52	52	52	52	52	36	42	52	52	50
16 CENTRALIA		1295	1295	1295	1295	1295	1295	1295	1295	1295	1295	901	1060	1295	1295	1259
COLSTRIP 1 & 2, COAL																
17 MPC	SHARE IN REGION	114	113	91	96	95	86	88	81	87	49	89	70	93	118	91
18 PSP&L	SHARE	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
19 COLSTRIP 1 & 2		380	380	357	362	361	353	354	347	353	182	312	242	359	384	342
COLSTRIP 3, COAL																
20 MPC	SHARE IN REGION	84	84	67	71	70	64	65	60	65	72	47	47	69	87	67
21 PP&L	SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
22 PGE	SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
23 PSP&L	SHARE 25 %	164	164	164	164	164	164	164	164	164	164	99	95	164	164	156
24 WWP	SHARE 15 %	99	99	99	99	99	99	99	99	98	99	59	57	99	99	94
25 COLSTRIP 3		544	544	527	531	530	524	525	520	524	532	323	313	529	547	503

TABLE A-10 (CONTINUED)

LARGE THERMAL

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COLSTRIP 4, COAL																
26 MPC	SHARE 30 %	197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
27 PP&L	SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
28 PGE	SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
29 PSP&L	SHARE 25 %	164	164	164	164	164	164	164	164	164	164	99	95	164	164	156
30 WWP	SHARE 15 %	99	99	99	99	99	99	99	99	99	99	59	57	99	99	94
31 COLSTRIP 4		657	657	657	657	657	657	657	657	657	657	394	381	657	657	623
JIM BRIDGER, COAL																
32 IDAHO	SHARE 33%	635	635	635	636	635	635	635	600	477	455	476	614	636	635	603
VALMY, COAL																
33 IDAHO	SHARE 50% OUTPUT	202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
WNP 2, NUCLEAR																
34 BPA	SHARE 100.0%	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	0	0	505	1054	845
35 TOTAL LARGE THERMAL		5149	5149	5109	5119	5116	5102	5104	5057	4902	4759	3021	2842	4481	5200	4756
TOTAL LARGE THERMAL																
36 FEDERAL SYSTEM		1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	0	0	505	1054	845
37 PUBLIC AGENCIES		363	363	363	363	363	363	363	363	363	363	252	297	363	363	353
38 INVESTOR-OWNED UTILITIES		3673	3673	3633	3643	3640	3626	3628	3581	3426	3283	2666	2528	3541	3680	3464
39 NON-NORTHWEST UTILITIES	*	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
40 TOTAL LARGE THERMAL		5149	5149	5109	5119	5116	5102	5104	5057	4902	4759	3021	2842	4481	5200	4756

TABLE A-10

LARGE THERMAL

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BOARDMAN, COAL															
1 IDAHO SHARE 10.0 %	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
2 PGE SHARE 65.8 %	280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
3 BOARDMAN 75.8% REGION	323	323	323	323	323	323	323	323	323	323	323	52	226	323	292
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES															
4 SDG&E SHARE 14.2 % *	60	60	60	60	60	60	60	60	60	60	60	10	42	60	54
5 TURLOCK SHARE 10.0 % *	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
6 BOARDMAN 24.2% NON-REGION	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
7 BOARDMAN	426	426	426	426	426	426	426	426	426	426	426	69	298	426	386
CENTRALIA, COAL															
8 PP&L SHARE 47.5 %	615	615	615	615	615	615	615	615	615	305	465	615	615	615	596
9 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	16	25	32	32	32	31
10 PSP&L SHARE 7.0 %	91	91	91	91	91	91	91	91	91	45	69	91	91	91	88
11 SEATTLE SHARE 8.0 %	104	104	104	104	104	104	104	104	104	51	78	104	104	104	101
12 TACOMA SHARE 8.0 %	104	104	104	104	104	104	104	104	104	52	78	104	104	104	101
13 WWP SHARE 15.0 %	194	194	194	194	194	194	194	194	194	96	147	194	194	194	188
14 SNOHOM SHARE 8.0 %	103	103	103	103	103	103	103	103	103	52	79	103	103	103	100
15 GHARBOR SHARE 4.0 %	52	52	52	52	52	52	52	52	52	26	39	52	52	52	50
16 CENTRALIA	1295	1295	1295	1295	1295	1295	1295	1295	1295	643	980	1295	1295	1295	1255
COLSTRIP 1 & 2, COAL															
17 MPC SHARE IN REGION	106	106	83	89	88	80	81	74	80	45	82	65	86	111	84
18 PSP&L SHARE	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
19 COLSTRIP 1 & 2	373	372	349	355	354	346	347	340	346	178	305	236	352	377	335
COLSTRIP 3, COAL															
20 MPC SHARE IN REGION	79	79	61	66	65	59	60	55	59	66	44	43	64	82	62
21 PP&L SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
22 PGE SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
23 PSP&L SHARE 25 %	164	164	164	164	164	164	164	164	164	164	98	96	164	164	156
24 WWP SHARE 15 %	98	98	99	98	98	99	99	98	99	99	59	57	98	99	93
25 COLSTRIP 3	538	538	521	525	524	519	520	514	519	526	319	310	523	542	498

LARGE THERMAL

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COLSTRIP 4, COAL															
26 MPC SHARE 30 %	197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
27 PP&L SHARE 10 %	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
28 PGE SHARE 20 %	131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
29 PSP&L SHARE 25 %	164	164	164	164	164	164	164	164	164	164	99	95	164	164	156
30 WWP SHARE 15 %	99	99	99	99	99	98	99	99	99	98	59	57	99	99	94
31 COLSTRIP 4	657	657	657	657	657	656	657	657	657	656	394	381	657	657	623
JIM BRIDGER, COAL															
32 IDAHO SHARE 33%	635	635	635	635	635	635	635	569	476	614	635	636	636	635	616
VALMY, COAL															
33 IDAHO SHARE 50% OUTPUT	202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
WNP 2, NUCLEAR															
34 BPA SHARE 100.0%	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	0	0	527	1054	878
35 TOTAL LARGE THERMAL	5180	5179	5139	5149	5147	5133	5136	5057	4933	4299	3248	3090	4490	5188	4785
TOTAL LARGE THERMAL															
36 FEDERAL SYSTEM	1054	1054	1054	1054	1054	1054	1054	1054	1054	1054	0	0	527	1054	878
37 PUBLIC AGENCIES	363	363	363	363	363	363	363	363	363	181	274	363	363	363	352
38 INVESTOR-OWNED UTILITIES	3660	3659	3619	3629	3627	3613	3616	3537	3413	2961	2871	2710	3528	3668	3461
39 NON-NORTHWEST UTILITIES *	103	103	103	103	103	103	103	103	103	103	103	17	72	103	93
40 TOTAL LARGE THERMAL	5180	5179	5139	5149	5147	5133	5136	5057	4933	4299	3248	3090	4490	5188	4785

TABLE A-11

RESTORATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4 COWLIZ COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 MONTANA POWER CO. REGIONAL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11 PACIFIC POWER & LIGHT	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12 PUGET SOUND POWER & LIGHT	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13 SEATTLE CITY LIGHT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL RESTORATION															
17 FEDERAL SYSTEM	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
20 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-11

RESTORATION

1999-'0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4 COWLIZ COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 MONTANA POWER CO. REGIONAL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11 PACIFIC POWER & LIGHT	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12 PUGET SOUND POWER & LIGHT	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13 SEATTLE CITY LIGHT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL RESTORATION															
17 FEDERAL SYSTEM	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
20 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-11

RESTORATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
4 COWLIZ COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 MONTANA POWER CO. REGIONAL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
11 PACIFIC POWER & LIGHT	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
12 PUGET SOUND POWER & LIGHT	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13 SEATTLE CITY LIGHT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL RESTORATION															
17 FEDERAL SYSTEM	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
20 TOTAL RESTORATION	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-12

SHEET 1 OF 2

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	212	212	212	212	212	212	212	212	212	200	200	200	200	200	208
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 PGE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 PSP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SEATTL CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6 TACOMA CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17 PGE CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18 PSP&L CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 WWP CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 GRANT CER FOR WANAPUM	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	11	11	11	11	11	11	11	11	11	10	10	10	10	10	11
ROCK ISLAND CANADIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28 PSP&L CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29 ROCK I CANADIAN ENTITLEMENT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANADIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31 PGE CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
32 PSP&L CER FOR ROCKY REACH	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
33 WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 DOUGLS CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
35 CHELAN CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
36 COLOCK CER FOR ROCKY REACH	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
37 ROCKY REACH CANADIAN ENT	21	21	21	21	21	21	21	21	21	20	20	20	20	20	21
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39 PGE CER FOR WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
40 PSP&L CER FOR WELLS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
43 OKANOG CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44 WELLS CANADIAN ENTITLEMENT	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
45 TOTAL CANADIAN ENT	268	268	268	268	268	268	268	268	268	254	254	254	254	254	263
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	212	212	212	212	212	212	212	212	212	200	200	200	200	200	208
47 PUBLIC AGENCIES W/COLOCKUM	24	24	24	24	24	24	24	24	24	22	22	22	22	22	23
48 INVESTOR-OWNED UTILITIES	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
49 TOTAL	268	268	268	268	268	268	268	268	268	254	254	254	254	254	263

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE.
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	80	80	80	80	80	80	80	80	80	77	77	77	77	77	79
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 PGE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 PGE CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ROCK ISLAND CANADIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
28 PSP&L CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1
29 ROCK I CANADIAN ENTITLEMENT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANADIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31 PGE CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32 PSP&L CER FOR ROCKY REACH	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36 COLOCK CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
37 ROCKY REACH CANADIAN ENT	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
39 PGE CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40 PSP&L CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43 OKANOG CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44 WELLS CANADIAN ENTITLEMENT	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
45 TOTAL CANADIAN ENT	103	103	103	103	103	103	103	103	103	99	99	99	99	99	102
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	80	80	80	80	80	80	80	80	80	77	77	77	77	77	79
47 PUBLIC AGENCIES W/COLOCKUM	8	8	8	8	8	8	8	8	8	8	8	8	8	9	8
48 INVESTOR-OWNED UTILITIES	15	15	15	15	15	15	15	15	15	14	14	14	14	13	15
49 TOTAL	103	103	103	103	103	103	103	103	103	99	99	99	99	99	102

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK ISLAND CANADIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANADIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 CLARK PUBLIC UTILITIES	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
3 COWLITZ COUNTY PUD #1	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7
4 DOUGLAS COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 EUGENE WATER & ELEC BOARD	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15
6 GRANT COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 GRAYS HARBOR COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8 OTHER PUBLIC AGENCIES	24	24	24	24	24	24	24	24	24	23	23	23	23	23	24
9 PEND OREILLE COUNTY PUD #1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
10 PORTLAND GENERAL ELECTRIC	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
11 PACIFIC POWER & LIGHT	27	27	27	27	27	27	27	27	27	25	25	25	25	25	26
12 PUGET SOUND POWER & LIGHT	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
13 SEATTLE CITY LIGHT	33	33	33	33	33	33	33	33	33	32	32	32	32	32	33
14 SNOHOMISH COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15 TACOMA PUBLIC UTILITIES	33	33	33	33	33	33	33	33	33	32	32	32	32	32	33
16 WASHINGTON WATER POWER	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
17 TOTAL CSPE PURCHASE	268	268	268	268	268	268	268	268	268	254	254	254	254	254	263
TOTAL CSPE PURCHASE															
18 PUBLIC AGENCIES	134	134	134	134	134	134	134	134	134	128	128	128	128	128	132
19 INVESTOR-OWNED UTILITIES	134	134	134	134	134	134	134	134	134	126	126	126	126	126	131
20 TOTAL	268	268	268	268	268	268	268	268	268	254	254	254	254	254	263

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 CLARK PUBLIC UTILITIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 COWLITZ COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
6 GRANT COUNTY PUD #1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
7 GRAYS HARBOR COUNTY PUD #1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8 OTHER PUBLIC AGENCIES	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
11 PACIFIC POWER & LIGHT	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12 PUGET SOUND POWER & LIGHT	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
13 SEATTLE CITY LIGHT	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
14 SNOHOMISH COUNTY PUD #1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
15 TACOMA PUBLIC UTILITIES	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
16 WASHINGTON WATER POWER	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17 TOTAL CSPE PURCHASE	103	103	103	103	103	103	103	103	103	99	99	99	99	99	102
TOTAL CSPE PURCHASE															
18 PUBLIC AGENCIES	52	52	52	52	52	52	52	52	52	50	50	50	50	50	51
19 INVESTOR-OWNED UTILITIES	51	51	51	51	51	51	51	51	51	49	49	49	49	49	50
20 TOTAL	103	103	103	103	103	103	103	103	103	99	99	99	99	99	102

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CLARK PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRAYS HARBOR COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CSPE PURCHASE															
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY															
15 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY															
15 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY															
15 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK ISLAND CANDIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANDIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-15

SHEET 1 OF 2

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3 PGE CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 PSP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SEATTL CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6 TACOMA CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 WWP CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 GRANT CER FOR PRIEST R.	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17 PGE CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
18 PSP&L CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19 WWP CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 GRANT CER FOR WANAPUM	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
ROCK ISLAND CANDIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1
28 PSP&L CER FOR ROCK ISLAND	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
29 ROCK I CANADIAN ENTITLEMENT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV.	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANDIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31 PGE CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32 PSP&L CER FOR ROCKY REACH	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
33 WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 DOUGLS CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 CHELAN CER FOR ROCKY REACH	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
36 COLOCK CER FOR ROCKY REACH	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
37 ROCKY REACH CANADIAN ENT	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39 PGE CER FOR WELLS	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
40 PSP&L CER FOR WELLS	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
43 OKANOG CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
44 WELLS CANADIAN ENTITLEMENT	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
45 TOTAL CANADIAN ENT	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222
47 PUBLIC AGENCIES W/COLOCKUM	31	31	31	31	31	31	31	31	31	31	31	31	31	32	31
48 INVESTOR-OWNED UTILITIES	47	47	47	47	47	47	47	47	47	47	47	47	47	46	47
49 TOTAL	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300

TABLE A-15

SHEET 1 OF 2

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BPA CANADIAN ENTITLEMENT															
1 BPA CANADIAN ENTITLEMENT	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391
PRIEST RAPIDS CANADIAN ENTITLEMENT															
2 PP&L CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 PGE CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 PSP&L CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5 SEATTL CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6 TACOMA CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7 WWP CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 GRANT CER FOR PRIEST R.	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
WANAPUM CANADIAN ENTITLEMENT															
16 PP&L CER FOR WANAPUM	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17 PGE CER FOR WANAPUM	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18 PSP&L CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
19 WWP CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20 GRANT CER FOR WANAPUM	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21 EUGENE CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 COWLIZ CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
ROCK ISLAND CANDIAN ENTITLEMENT															
27 CHELAN CER FOR ROCK ISLAND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
28 PSP&L CER FOR ROCK ISLAND	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29 ROCK I CANADIAN ENTITLEMENT	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
ROCKY REACH CANDIAN ENTITLEMENT															
30 PP&L CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
31 PGE CER FOR ROCKY REACH	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
32 PSP&L CER FOR ROCKY REACH	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
33 WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 DOUGLS CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 CHELAN CER FOR ROCKY REACH	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
36 COLOCK CER FOR ROCKY REACH	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
37 ROCKY REACH CANADIAN ENT	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
WELLS CANADIAN ENTITLEMENT															
38 PP&L CER FOR WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39 PGE CER FOR WELLS	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
40 PSP&L CER FOR WELLS	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
43 OKANOG CER FOR WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
44 WELLS CANADIAN ENTITLEMENT	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
45 TOTAL CANADIAN ENT	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
TOTAL CANADIAN ENTITLEMENT															
46 FEDERAL SYSTEM	391	391	391	391	391	391	391	391	391	391	391	391	391	391	391
47 PUBLIC AGENCIES W/COLOCKUM	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
48 INVESTOR-OWNED UTILITIES	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
49 TOTAL	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528

TABLE A-16

CONTRACTS BETWEEN UTILITIES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 BPA TO CLARK, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO MPC, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	70	70	18	18	0	62
3 BPA TO MPC, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO OTHER, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA TO PP&L,CAPC SLE,BRIDGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
7 BPA TO PP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	43	43	44	44	0	64
8 BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 BPA TO PGE, WNP1 OBLIG	80	80	80	80	80	80	80	80	63	43	43	44	44	0	63
10 BPA TO PGE, WNP3 SETTLE	0	0	0	0	129	129	129	129	64	64	64	0	0	0	54
11 BPA TO PGE, CAP SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
13 BPA TO PSP&L, PS & PWR XCHG	0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
14 BPA TO PSP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	43	43	44	44	0	64
15 BPA TO PSP&L, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
16 BPA TO WWP, SRPLS CAPAC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO WWP, WNP1 OBLIG	80	80	80	80	80	80	80	83	80	74	74	11	11	0	62
18 BPA TO WWP, WNP3 SETTLE	0	0	0	0	65	65	65	65	32	32	32	0	0	0	27
19 BPA TO WWP, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	22	2
20 CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 CHELAN TO PGE,C/N TRANS/XCH	8	8	1	0	0	0	0	0	0	0	0	0	7	7	2
22 COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25 GRANT TO PP&L, PWR SALE	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
26 IDAHO TO OR TRAIL, RPLC SLE	7	7	11	11	11	3	3	11	11	11	11	11	8	0	8
27 IDAHO TO SCL, ENERGY XCHG	0	0	0	0	25	50	50	50	0	0	0	0	0	0	15
28 IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
29 IDAHO TO MPC, PWR SALE	25	25	25	75	75	75	75	75	75	0	0	0	0	0	42
30 MPC TO BPA, CAP/NRG XCHG	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
31 MPC TO BPA, POWER SALE	0	0	80	80	80	80	80	80	80	80	80	0	0	0	53
32 MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
33 MPC TO PP&L, PWR SALE	10	10	10	10	10	10	0	0	0	0	0	0	0	0	4
34 MPC TO PSP&L, PWR SALE	77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
35 MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 OTHER TO PSP&L, SP PURCHASE	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
37 NO WASCO TO PSP&L, SALE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
38 NO WASCO TO BPA, MCNARY FSH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PP&L TO COLOCKUM, CAP/NRG X	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
41 PP&L TO PSP&L, PWR SALE 2	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
42 PEND O TO SCL, PWR SALE	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
43 PGE TO BPA, WNP3 SETTLE	0	0	72	72	72	72	72	72	72	72	72	0	72	0	54
44 PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	11	10	11	11	0	0	0	0	0	0	3
45 PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46 PSP&L TO BPA, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47 PSP&L TO BPA, POWER SALE	0	0	0	44	56	32	49	64	75	62	0	0	0	0	29
48 PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 PSP&L TO GRAYSH, CENT CAP X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
49 SCL TO PEND O, PWR SALE	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
50 SCL TO IDAHO, SEAS PWR XCHG	54	54	16	0	0	0	0	0	0	0	0	0	0	100	14
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
52 SNOH TO PSP&L, SP PURCHASE	4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
53 TCL TO SEATTLE,SEAS PWR XCH	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
54 WWP TO BPA, WNP3 SETTLE	0	0	36	36	36	36	36	36	36	36	36	0	36	0	27
55 WWP TO BPA, DEF PWR XCHG	67	67	64	67	67	67	67	67	67	62	62	9	9	0	51
56 WWP TO PP&L, PWR SALE	50	50	50	50	50	50	33	33	33	33	33	33	33	33	40
57 WWP TO PP&L, SANDPOINT PWR	2	2	2	2	3	3	0	0	0	0	0	0	0	0	1
58 WWP TO PEND OREILLE, SALE	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
59 WWP TO PGE, CAPACITY SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 WWP TO PSP&L, PWR SALE 2	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
61 TOTAL CONTRACTS	1146	1146	1293	1637	1884	1983	1942	1923	1672	1222	1160	615	834	661	1398
TOTAL CONTRACTS OUT															
62 FEDERAL CONTRACTS OUT	413	413	486	702	951	1006	979	938	789	503	503	162	224	57	601
63 PUBLIC CONTRACTS OUT W/CLOK	162	162	79	111	61	61	58	58	56	62	62	65	73	161	84
64 IOU CONTRACTS OUT	571	571	728	824	872	916	904	927	827	657	595	388	537	443	714
65 TOTAL CONTRACTS OUT	1146	1146	1293	1637	1884	1983	1942	1923	1672	1222	1160	615	834	661	1398
TOTAL CONTRACTS IN															
66 FEDERAL CONTRACTS IN	96	96	324	370	382	358	376	391	402	384	322	38	189	29	276
67 PUBLIC CONTRACTS IN W/CLOK	120	120	87	137	123	136	134	143	81	85	85	87	85	64	107
68 IOU CONTRACTS IN	931	931	881	1129	1379	1488	1432	1389	1189	752	752	490	560	567	1016
69 TOTAL CONTRACTS IN	1146	1146	1293	1637	1884	1983	1942	1923	1672	1222	1160	615	834	661	1398

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-16

CONTRACTS BETWEEN UTILITIES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	BPA TO CLARK, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	BPA TO MPC, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MPC, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA TO OTHER, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	BPA TO PP&L,CAPC SLE,BRIDGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
7	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	158	158	158	158	79	79	79	0	0	0	66
9	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP3 SETTLE	0	0	0	0	155	155	155	155	78	78	78	0	0	0	65
11	BPA TO PGE, CAP SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
13	BPA TO PSP&L, PS & PWR XCHG	0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
14	BPA TO PSP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
16	BPA TO WWP, SRPLS CAPAC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	BPA TO WWP, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
19	BPA TO WWP, DEF PWR XCHG	35	35	35	35	35	31	31	30	31	29	29	12	12	0	26
20	CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	CHELAN TO PGE,C/N TRANS/XCH	7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
22	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	GRANT TO PP&L, PWR SALE	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
26	IDAHO TO OR TRAIL, RPLC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	25	50	50	50	0	0	0	0	0	0	15
28	IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
29	IDAHO TO MPC, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
31	MPC TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
33	MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
37	NO WASCO TO PSP&L, SALE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
38	NO WASCO TO BPA, MCNARY FSH	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
39	PP&L TO BPA, WNP3 SETTLE	0	0	87	87	87	87	87	87	87	87	87	0	87	0	65
40	PP&L TO COLOCKUM, CAP/NRG X	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
41	PP&L TO PSP&L, PWR SALE 2	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
42	PEND O TO SCL, PWR SALE	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
43	PGE TO BPA, WNP3 SETTLE	0	0	86	86	86	86	86	86	86	86	86	0	86	0	65
44	PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	11	11	10	11	0	0	0	0	0	0	3
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47	PSP&L TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO GRAYSH, CENT CAP X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
49 SCL TO PEND O, PWR SALE	28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
50 SCL TO IDAHO, SEAS PWR XCHG	54	54	16	0	0	0	0	0	0	0	0	0	0	100	14
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
52 SNOH TO PSP&L, SP PURCHASE	4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
53 TCL TO SEATTLE,SEAS PWR XCH	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
54 WWP TO BPA, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
55 WWP TO BPA, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 WWP TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 WWP TO PGE, CAPACITY SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 WWP TO PSP&L, PWR SALE 2	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
61 TOTAL CONTRACTS	618	619	792	1040	1471	1597	1568	1523	1186	935	935	411	740	604	1040
TOTAL CONTRACTS OUT															
62 FEDERAL CONTRACTS OUT	48	48	120	337	782	833	807	762	537	358	358	12	74	34	392
63 PUBLIC CONTRACTS OUT W/CLOK	169	169	86	118	68	68	65	65	63	69	69	72	80	168	91
64 IOU CONTRACTS OUT	401	401	585	585	621	696	696	696	585	509	509	326	585	401	557
65 TOTAL CONTRACTS OUT	618	619	792	1040	1471	1597	1568	1523	1186	935	935	411	740	604	1040
TOTAL CONTRACTS IN															
66 FEDERAL CONTRACTS IN	36	36	295	295	295	295	295	295	295	295	295	36	295	36	230
67 PUBLIC CONTRACTS IN W/CLOK	104	104	68	118	103	124	122	124	62	66	66	68	68	56	90
68 IOU CONTRACTS IN	478	479	429	627	1072	1178	1151	1104	829	574	574	307	377	512	720
69 TOTAL CONTRACTS IN	618	619	792	1040	1471	1597	1568	1523	1186	935	935	411	740	604	1040

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-16

CONTRACTS BETWEEN UTILITIES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	BPA TO CLARK, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	BPA TO MPC, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MPC, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA TO OTHER, PKWD LAKE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	BPA TO PP&L,CAPC SLE,BRIDGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
7	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	158	158	158	158	79	79	79	0	0	0	66
9	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP3 SETTLE	0	0	0	0	155	155	155	155	78	78	78	0	0	0	65
11	BPA TO PGE, CAP SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA TO PSP&L, PS & PWR XCHG	0	0	0	0	152	152	152	152	0	0	0	0	0	0	51
14	BPA TO PSP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
16	BPA TO WWP, SRPLS CAPAC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	BPA TO WWP, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
19	BPA TO WWP, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	CHELAN TO PGE,C/N TRANS/XCH	7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
22	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	GRANT TO PP&L, PWR SALE	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
26	IDAHO TO OR TRAIL, RPLC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
29	IDAHO TO MPC, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	MPC TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
33	MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	NO WASCO TO PSP&L, SALE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
38	NO WASCO TO BPA, MCNARY FSH	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
39	PP&L TO BPA, WNP3 SETTLE	0	0	87	87	87	87	87	87	87	87	87	0	87	0	65
40	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	PP&L TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	PEND O TO SCL, PWR SALE	2	2	12	12	12	9	7	9	8	11	11	12	12	3	9
43	PGE TO BPA, WNP3 SETTLE	0	0	86	86	86	86	86	86	86	86	86	0	86	0	65
44	PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	11	11	10	11	0	0	0	0	0	0	4
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47	PSP&L TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	152	152	152	152	0	0	0	0	0	0	0	0	0	152	51
48	PSP&L TO GRAYSH, CENT CAP X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
49 SCL TO PEND O, PWR SALE	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
50 SCL TO IDAHO, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 SNOH TO PSP&L, SP PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 TCL TO SEATTLE,SEAS PWR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 WWP TO BPA, WNP3 SETTLE	0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
55 WWP TO BPA, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 WWP TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 WWP TO PGE, CAPACITY SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 WWP TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 TOTAL CONTRACTS	383	384	641	704	1157	1260	1231	1188	752	653	653	147	476	407	750
TOTAL CONTRACTS OUT															
62 FEDERAL CONTRACTS OUT	13	13	86	152	747	801	775	731	356	329	329	1	62	34	341
63 PUBLIC CONTRACTS OUT W/CLOK	63	64	65	62	61	59	58	58	57	63	63	67	75	66	63
64 IOU CONTRACTS OUT	306	306	490	490	349	399	399	399	339	262	262	80	339	306	347
65 TOTAL CONTRACTS OUT	383	384	641	704	1157	1260	1231	1188	752	653	653	147	476	407	750
TOTAL CONTRACTS IN															
66 FEDERAL CONTRACTS IN	159	159	418	418	266	266	266	266	266	266	266	7	266	159	252
67 PUBLIC CONTRACTS IN W/CLOK	34	34	44	44	55	52	50	52	40	43	43	44	44	35	45
68 IOU CONTRACTS IN	190	191	179	242	835	941	915	871	446	344	344	95	166	213	453
69 TOTAL CONTRACTS IN	383	384	641	704	1157	1260	1231	1188	752	653	653	147	476	407	750

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-17

SHEET 1 OF 2

CAPACITY RESERVES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	HYDRO,SM THML,C-T, & MISC.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	AREA RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

4	FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

23	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LARGE THERMAL RESERVES															
27 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES															
45 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-17

CAPACITY RESERVES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	HYDRO,SM THML,C-T, & MISC.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	AREA RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

4	FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

23	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LARGE THERMAL RESERVES																
27	FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES																
45	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-17

CAPACITY RESERVES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 HYDRO,SM THML,C-T, & MISC.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 AREA RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES															
4 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES															
23 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
LARGE THERMAL RESERVES															
27 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES															
45 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-18

WELLS AND CHELAN ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	WELLS	411	421	347	348	426	426	373	334	337	331	534	508	535	422	409
2	WELLS AFTER ENC.	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
3	PP&L SHARE	28	29	23	24	29	29	25	23	23	22	37	36	38	29	28
4	PGE SHARE	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
5	PSP&L SHARE	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6	WWP SHARE	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
7	DOUGLS SHARE	84	86	70	70	87	87	75	67	67	66	111	105	111	86	83
8	OKANOG CO. PUD SHARE PUB	29	30	24	24	31	31	26	23	24	23	39	37	39	30	29
9	WELLS AFTER ENC. DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
10	CHELAN	48	24	39	42	47	38	51	51	29	46	34	1	3	34	34
11	CHELAN AFTER ENC.	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
12	TO CHELAN FR WWP,CONTRACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CHELAN SH OF CHELAN PROJ	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
14	CHELAN SHARE (PROJ+CONT)	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
15	WWP SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CHELAN AFTER ENC. CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37

TABLE A-18

WELLS AND CHELAN ALLOCATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	WELLS	411	421	347	348	426	426	373	334	337	331	534	508	535	422	409
2	WELLS AFTER ENC.	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
3	PP&L SHARE	28	29	23	24	29	29	25	23	23	22	37	36	38	29	28
4	PGE SHARE	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
5	PSP&L SHARE	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6	WWP SHARE	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
7	DOUGLS SHARE	84	86	70	70	87	87	75	67	67	66	111	105	111	86	83
8	OKANOG CO. PUD SHARE PUB	29	30	24	24	31	31	26	23	24	23	39	37	39	30	29
9	WELLS AFTER ENC. DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
10	CHELAN	48	24	39	42	47	38	51	51	29	46	34	1	3	34	34
11	CHELAN AFTER ENC.	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
12	TO CHELAN FR WWP,CONTRACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CHELAN SH OF CHELAN PROJ	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
14	CHELAN SHARE (PROJ+CONT)	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
15	WWP SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CHELAN AFTER ENC. CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37

TABLE A-18

WELLS AND CHELAN ALLOCATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	WELLS	411	421	347	348	426	426	373	334	337	331	534	508	535	422	409
2	WELLS AFTER ENC.	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
3	PP&L SHARE	28	29	23	24	29	29	25	23	23	22	37	36	38	29	28
4	PGE SHARE	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
5	PSP&L SHARE	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6	WWP SHARE	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
7	DOUGLS SHARE	84	86	70	70	87	87	75	67	67	66	111	105	111	86	83
8	OKANOG CO. PUD SHARE PUB	29	30	24	24	31	31	26	23	24	23	39	37	39	30	29
9	WELLS AFTER ENC. DGLS	366	375	304	305	380	380	329	292	294	289	485	460	486	376	364
10	CHELAN	48	24	39	42	47	38	51	51	29	46	34	1	3	34	34
11	CHELAN AFTER ENC.	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
12	TO CHELAN FR WWP,CONTRACT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	CHELAN SH OF CHELAN PROJ	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
14	CHELAN SHARE (PROJ+CONT)	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37
15	WWP SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CHELAN AFTER ENC. CHLN	51	27	42	44	49	41	54	55	33	50	38	5	6	37	37

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 ROCKY REACH	577	566	463	466	578	577	508	459	458	455	808	767	754	622	571
2 ROCKY REACH AFTER ENC.	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
3 PP&L SHARE	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
4 PGE SHARE	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
5 PSP&L SHARE	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
6 WWP SHARE	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
7 DOUGLS SHARE	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
8 CHELAN SHARE	90	89	73	73	90	90	79	72	72	71	125	119	117	97	89
9 COLOCK SHARE	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
10 RKY REACH AFTER ENC. CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
11 ROCK ISLAND	281	275	226	227	280	278	247	220	220	220	389	378	376	307	278
12 ROCK ISLAND AFTER ENC. 1&2	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
13 1ST PWRHOUSE AFTER ENC.	233	232	214	215	233	233	226	211	211	211	225	227	228	237	224
14 CHELAN SHARE	95	95	87	88	95	95	92	86	86	86	92	93	93	102	92
15 PSP&L SHARE	138	137	127	127	138	138	134	125	125	125	133	134	135	135	132
16 RI 2ND POWERHOUSE	117	112	77	78	117	115	88	73	73	73	232	219	217	139	122
17 CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L SHARE	117	112	77	78	117	115	88	73	73	73	232	219	217	139	122
19 CHELAN TOTAL SHARE	95	95	87	88	95	95	92	86	86	86	92	92	93	102	92
20 PSP&L TOTAL SHARE	255	249	204	205	255	253	222	198	198	198	365	354	351	274	254
21 ROCK ISLAND CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	ROCKY REACH	577	566	463	466	578	577	508	459	458	455	808	767	754	622	571
2	ROCKY REACH AFTER ENC.	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
3	PP&L SHARE	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
4	PGE SHARE	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
5	PSP&L SHARE	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
6	WWP SHARE	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
7	DOUGLS SHARE	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
8	CHELAN SHARE	90	89	73	73	90	90	79	72	72	71	125	119	117	97	89
9	COLOCK SHARE	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
10	RKY REACH AFTER ENC. CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
11	ROCK ISLAND	281	275	226	227	280	278	247	220	220	220	389	378	376	307	278
12	ROCK ISLAND AFTER ENC. 1&2	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
13	1ST PWRHOUSE AFTER ENC.	233	232	214	215	233	233	226	211	211	211	225	227	228	237	224
14	CHELAN SHARE	115	115	106	106	115	115	112	104	104	104	111	112	112	118	111
15	PSP&L SHARE	118	117	108	109	118	118	114	107	107	107	114	115	115	118	113
16	RI 2ND POWERHOUSE	117	112	77	78	117	115	88	73	73	73	232	219	217	139	122
17	CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	14	1
18	PSP&L SHARE	117	112	77	78	117	115	88	73	73	73	232	219	217	125	121
19	CHELAN TOTAL SHARE	115	115	106	106	115	115	111	104	104	104	111	112	112	132	112
20	PSP&L TOTAL SHARE	235	229	185	187	235	233	203	180	180	180	346	334	332	244	234
21	ROCK ISLAND CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 ROCKY REACH	577	566	463	466	578	577	508	459	458	455	808	767	754	622	571
2 ROCKY REACH AFTER ENC.	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
3 PP&L SHARE	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
4 PGE SHARE	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
5 PSP&L SHARE	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
6 WWP SHARE	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
7 DOUGLS SHARE	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
8 CHELAN SHARE	90	89	73	73	90	90	79	72	72	71	125	119	117	97	89
9 COLOCK SHARE	137	134	110	111	137	137	121	109	109	108	190	180	178	147	135
10 RKY REACH AFTER ENC. CHLN	595	584	480	484	597	595	525	475	474	471	827	785	772	640	589
11 ROCK ISLAND	281	275	226	227	280	278	247	220	220	220	389	378	376	307	278
12 ROCK ISLAND AFTER ENC. 1&2	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346
13 1ST PWRHOUSE AFTER ENC.	233	232	214	215	233	233	226	211	211	211	225	227	228	237	224
14 CHELAN SHARE	116	116	107	108	116	116	113	106	106	105	113	114	114	118	112
15 PSP&L SHARE	116	116	107	108	116	116	113	106	106	105	113	114	114	118	112
16 RI 2ND POWERHOUSE	117	112	77	78	117	115	88	73	73	73	232	219	217	139	122
17 CHELAN SHARE	59	56	38	39	58	58	44	37	37	37	116	110	108	70	61
18 PSP&L SHARE	59	56	38	39	58	58	44	37	37	37	116	110	108	70	61
19 CHELAN TOTAL SHARE	175	172	145	147	175	174	157	142	142	142	229	223	222	188	173
20 PSP&L TOTAL SHARE	175	172	146	146	175	174	157	142	142	142	228	223	222	188	173
21 ROCK ISLAND CHLN	350	344	291	293	350	348	314	284	284	284	457	446	444	376	346

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 WANAPUM	432	508	413	416	520	516	452	402	402	401	729	502	699	530	490
2 WANAPUM AFTER ENC.	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
3 PP&L SHARE	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
4 PGE SHARE	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
5 PSP&L SHARE	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
6 WWP SHARE	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
7 GRANT SHARE	131	158	125	126	163	161	139	122	122	121	239	156	228	167	153
8 EUGENE SHARE	8	10	8	8	10	10	9	8	8	8	15	10	15	11	10
9 COWLIZ SHARE	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
10 F GROV SHARE	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
11 MCMINN SHARE	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
12 M FREE SHARE	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
13 WANAPUM AFTER ENC. GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
14 PRIEST RAPIDS	425	501	415	419	511	507	451	404	404	404	687	477	665	518	482
15 PRIEST RAPIDS AFTER ENC.	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466
16 PP&L SHARE	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
17 PGE SHARE	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
18 PSP&L SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
19 SEATTL SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
20 TACOMA SHARE	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
21 WWP SHARE	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
22 GRANT SHARE	149	177	146	147	181	179	159	142	142	142	245	168	237	183	170
23 EUGENE SHARE	7	8	7	7	8	8	7	7	7	7	11	8	11	9	8
24 COWLIZ SHARE	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
25 F GROV SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
26 MCMINN SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
27 M FREE SHARE	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
28 KITATS SHARE	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
29 PRST RPDS AFTER ENC. GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	WANAPUM	432	508	413	416	520	516	452	402	402	401	729	502	699	530	490
2	WANAPUM AFTER ENC.	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
3	PP&L SHARE	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
4	PGE SHARE	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
5	PSP&L SHARE	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
6	WWP SHARE	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
7	GRANT SHARE	131	158	125	126	163	161	139	122	122	121	239	156	228	167	153
8	EUGENE SHARE	8	10	8	8	10	10	9	8	8	8	15	10	15	11	10
9	COWLIZ SHARE	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
10	F GROV SHARE	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
11	MCMINN SHARE	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
12	M FREE SHARE	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
13	WANAPUM AFTER ENC. GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
14	PRIEST RAPIDS	425	501	415	419	511	507	451	404	404	404	687	477	665	518	482
15	PRIEST RAPIDS AFTER ENC.	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466
16	PP&L SHARE	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
17	PGE SHARE	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
18	PSP&L SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
19	SEATTL SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
20	TACOMA SHARE	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
21	WWP SHARE	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
22	GRANT SHARE	149	177	146	147	181	179	159	142	142	142	245	168	237	183	170
23	EUGENE SHARE	7	8	7	7	8	8	7	7	7	7	11	8	11	9	8
24	COWLIZ SHARE	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
25	F GROV SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
26	MCMINN SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
27	M FREE SHARE	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
28	KITATS SHARE	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
29	PRST RPDS AFTER ENC. GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	WANAPUM	432	508	413	416	520	516	452	402	402	401	729	502	699	530	490
2	WANAPUM AFTER ENC.	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
3	PP&L SHARE	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
4	PGE SHARE	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
5	PSP&L SHARE	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
6	WWP SHARE	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
7	GRANT. SHARE	131	158	125	126	163	161	139	122	122	121	239	156	228	167	153
8	EUGENE SHARE	8	10	8	8	10	10	9	8	8	8	15	10	15	11	10
9	COWLIZ SHARE	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
10	F GROV SHARE	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
11	MCMINN SHARE	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
12	M FREE SHARE	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
13	WANAPUM AFTER ENC. GRNT	358	434	343	346	446	442	380	333	333	332	655	428	625	457	419
14	PRIEST RAPIDS	425	501	415	419	511	507	451	404	404	404	687	477	665	518	482
15	PRIEST RAPIDS AFTER ENC.	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466
16	PP&L SHARE	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
17	PGE SHARE	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
18	PSP&L SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
19	SEATTL SHARE	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
20	TACOMA SHARE	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
21	WWP SHARE	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
22	GRANT SHARE	149	177	146	147	181	179	159	142	142	142	245	168	237	183	170
23	EUGENE SHARE	7	8	7	7	8	8	7	7	7	7	11	8	11	9	8
24	COWLIZ SHARE	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
25	F GROV SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
26	MCMINN SHARE	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
27	M FREE SHARE	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
28	KITATS SHARE	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
29	PRST RPDS AFTER ENC. GRNT	408	485	400	403	495	491	435	389	389	389	671	461	649	501	466

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	SWIFT 1	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
2	COWLIZ SHARE	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
3	PP&L SHARE (SYSTEM)	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
4	SWIFT 1 PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
5	SWIFT 2	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
6	COWLIZ SHARE	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
7	PP&L SHARE (SYSTEM)	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
8	SWIFT 2 COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	SWIFT 1	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
2	COWLIZ SHARE	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
3	PP&L SHARE (SYSTEM)	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
4	SWIFT 1 PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
5	SWIFT 2	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
6	COWLIZ SHARE	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
7	PP&L SHARE (SYSTEM)	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
8	SWIFT 2 COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1	SWIFT 1	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
2	COWLIZ SHARE	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
3	PP&L SHARE (SYSTEM)	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
4	SWIFT 1 PP&L	26	23	35	49	67	59	63	90	64	92	84	3	36	35	51
5	SWIFT 2	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17
6	COWLIZ SHARE	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
7	PP&L SHARE (SYSTEM)	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
8	SWIFT 2 COW	7	6	10	16	23	22	24	33	24	33	28	1	10	10	17

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC UTILITIES															
PRIORITY FIRM RATE SALES															
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COWLITZ COUNTY PUD #1	480	478	477	501	525	529	553	532	532	505	493	511	472	488	508
3 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 EUGENE WATER & ELEC BOARD	179	179	181	204	243	265	280	264	241	221	221	198	181	176	219
5 GRANT COUNTY PUD #2	90	90	79	78	81	95	99	92	81	81	81	87	95	91	87
6 PEND OREILLE COUNTY PUD #1	18	36	42	29	42	41	52	39	36	30	19	13	26	32	33
7 SEATTLE CITY LIGHT	173	173	175	202	228	238	249	228	232	209	209	186	176	173	206
8 SNOHOMISH COUNTY PUD #1	389	389	431	498	658	701	743	673	608	565	579	455	407	381	543
9 TACOMA PUBLIC UTILITIES	218	218	221	246	283	304	306	291	279	256	256	234	217	216	256
10 SM & NON GEN PUBLICS	2989	2983	2803	2910	3372	3720	3841	3592	3284	3122	3102	2950	2943	3074	3216
11 TOTAL SALES	4535	4545	4407	4668	5431	5893	6124	5710	5292	4989	4960	4634	4517	4631	5068
INVESTOR-OWNED UTILITIES															
NEW RESOURCES RATE PURCHASES															
12 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC UTILITIES																
PRIORITY FIRM RATE SALES																
1	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	COWLITZ COUNTY PUD #1	530	528	525	546	565	564	586	567	570	546	534	554	516	529	549
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	159	159	161	179	212	230	241	228	210	193	193	174	159	154	192
5	GRANT COUNTY PUD #2	136	136	119	118	120	140	147	137	122	123	123	133	145	138	131
6	PEND OREILLE COUNTY PUD #1	22	40	45	32	45	44	53	40	38	31	20	14	28	36	36
7	SEATTLE CITY LIGHT	201	201	203	233	260	270	284	260	266	241	241	216	205	202	237
8	SNOHOMISH COUNTY PUD #1	483	483	530	590	757	798	833	766	696	615	646	551	493	471	633
9	TACOMA PUBLIC UTILITIES	241	241	243	269	306	327	327	312	300	278	278	254	237	236	278
10	SM & NON GEN PUBLICS	2978	2972	2795	2888	3342	3678	3804	3569	3259	3084	3073	2945	2932	3062	3194
11	TOTAL SALES	4749	4760	4620	4855	5606	6050	6276	5879	5460	5110	5107	4841	4714	4828	5249
INVESTOR-OWNED UTILITIES																
NEW RESOURCES RATE PURCHASES																
12	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC UTILITIES																
PRIORITY FIRM RATE SALES																
1	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	COWLITZ COUNTY PUD #1	560	558	554	569	581	576	596	581	587	568	556	580	544	560	571
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	183	183	185	204	239	259	270	257	238	219	219	199	183	178	218
5	GRANT COUNTY PUD #2	175	175	154	151	154	181	185	171	152	154	154	166	182	176	167
6	PEND OREILLE COUNTY PUD #1	21	41	41	27	39	39	50	37	35	26	15	9	23	35	32
7	SEATTLE CITY LIGHT	240	240	242	276	304	314	331	304	313	286	286	257	245	242	279
8	SNOHOMISH COUNTY PUD #1	562	562	613	676	855	894	933	872	791	758	731	618	574	551	723
9	TACOMA PUBLIC UTILITIES	269	269	271	297	334	355	359	344	332	309	309	285	266	265	307
10	SM & NON GEN PUBLICS	3230	3224	3042	3125	3568	3897	4021	3795	3485	3343	3303	3174	3178	3318	3429
11	TOTAL SALES	5239	5251	5102	5325	6074	6514	6745	6361	5932	5662	5572	5288	5194	5324	5727
INVESTOR-OWNED UTILITIES																
NEW RESOURCES RATE PURCHASES																
12	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL SYSTEM	0	0	0	0	0	0	17	17	12	9	9	6	5	4	6
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	0	0	0	5	6	4	0	1	2	9	9	37	37	11	9
6 GRANT COUNTY PUD #2	12	12	7	5	0	0	0	0	1	11	11	14	15	14	7
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	121	121	76	28	4	5	10	12	28	88	88	134	141	138	65
9 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
11 SMALL & NON GEN PUBLICS	8	8	8	8	8	8	14	14	15	16	15	17	18	16	12
12 IDAHO POWER COMPANY DED	125	128	107	76	63	44	62	59	72	104	103	131	149	146	95
13 MONTANA POWER CO. REGIONAL	32	32	33	21	29	26	24	22	24	26	29	38	32	42	29
14 PACIFIC POWER & LIGHT	53	53	51	49	53	53	39	61	54	61	61	72	59	58	55
15 PORTLAND GENERAL ELECTRIC	12	12	12	15	24	27	25	24	24	25	25	23	17	13	20
16 PUGET SOUND POWER & LIGHT	653	653	665	665	665	665	665	665	665	653	653	270	574	653	621
17 WASHINGTON WATER POWER	67	67	67	67	68	70	70	72	73	74	74	48	49	69	66
18 TOTAL NON-UTILITY GEN	1136	1139	1059	954	920	902	909	930	962	1102	1103	833	1146	1219	1006
TOTAL REGIONAL NON-UTILITY GENERATION															
19 FEDERAL SYSTEM	0	0	0	0	0	0	17	17	12	9	9	6	5	4	6
20 PUBLIC AGENCIES	194	194	124	61	18	17	24	27	50	159	158	251	266	238	119
21 INVESTOR-OWNED UTILITIES	942	945	935	893	902	885	885	903	912	943	945	582	880	981	887
22 TOTAL NON-UTILITY GEN	1136	1139	1059	954	920	902	926	947	974	1111	1112	839	1151	1223	1012
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.															
23 MONTANA NON-REGIONAL NUG	61	61	62	47	66	67	69	71	72	44	41	61	67	55	62
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.															
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11	8
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.															
25 TOTAL NON-UTILITY GEN	1205	1208	1129	1008	993	975	1000	1024	1053	1162	1160	910	1232	1288	1082

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL SYSTEM	53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
6 GRANT COUNTY PUD #2	12	12	7	5	0	0	0	0	1	10	11	14	15	14	7
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	120	121	76	28	4	5	10	12	27	88	88	134	141	138	65
9 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
11 SMALL & NON GEN PUBLICS	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
12 IDAHO POWER COMPANY DED	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
13 MONTANA POWER CO. REGIONAL	40	40	32	24	34	30	31	28	31	26	28	40	35	43	33
14 PACIFIC POWER & LIGHT	53	53	51	49	53	54	39	61	54	61	61	72	59	57	55
15 PORTLAND GENERAL ELECTRIC	12	12	12	15	24	27	25	24	24	25	25	23	17	12	20
16 PUGET SOUND POWER & LIGHT	645	645	657	657	657	657	657	657	657	645	645	262	566	645	613
17 WASHINGTON WATER POWER	66	66	67	67	68	70	70	72	73	74	74	48	49	69	66
18 TOTAL NON-UTILITY GEN	1237	1240	1154	1052	1019	1004	988	1017	1050	1181	1182	912	1226	1296	1095
TOTAL REGIONAL NON-UTILITY GENERATION															
19 FEDERAL SYSTEM	53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
20 PUBLIC AGENCIES	286	287	217	153	110	113	113	117	139	247	246	336	351	324	209
21 INVESTOR-OWNED UTILITIES	951	953	937	899	909	891	875	900	911	934	936	576	875	972	886
22 TOTAL NON-UTILITY GEN	1290	1293	1209	1360	1333	1322	1306	1334	1362	1241	1242	952	1280	1349	1278
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.															
23 MONTANA NON-REGIONAL NUG	53	53	63	44	61	63	62	65	65	44	42	59	64	54	58
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.															
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11	8
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.															
25 TOTAL NON-UTILITY GEN	1351	1354	1280	1411	1401	1391	1373	1405	1434	1292	1291	1021	1358	1413	1344

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
1 FEDERAL SYSTEM	53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
6 GRANT COUNTY PUD #2	12	12	7	5	0	0	0	0	1	11	11	14	14	14	6
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	120	121	75	28	4	5	10	12	27	88	88	134	141	138	65
9 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
11 SMALL & NON GEN PUBLICS	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
12 IDAHO POWER COMPANY DED	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
13 MONTANA POWER CO. REGIONAL	37	37	30	23	31	28	28	26	29	23	26	37	32	40	30
14 PACIFIC POWER & LIGHT	53	53	51	49	53	54	39	61	54	61	61	72	59	58	55
15 PORTLAND GENERAL ELECTRIC	12	12	12	15	24	27	26	25	24	25	25	23	17	12	20
16 PUGET SOUND POWER & LIGHT	645	645	657	657	657	657	657	657	657	645	645	262	566	645	613
17 WASHINGTON WATER POWER	6	6	6	5	6	5	5	6	6	8	8	6	7	6	6
18 TOTAL NON-UTILITY GEN	1174	1177	1090	989	954	937	921	950	981	1113	1114	867	1180	1231	1032
TOTAL REGIONAL NON-UTILITY GENERATION															
19 FEDERAL SYSTEM	53	53	55	308	314	318	318	317	312	60	60	40	54	53	183
20 PUBLIC AGENCIES	286	287	216	153	110	113	113	117	139	248	246	336	350	324	209
21 INVESTOR-OWNED UTILITIES	888	890	874	836	844	824	808	833	842	865	868	531	830	907	824
22 TOTAL NON-UTILITY GEN	1227	1230	1145	1297	1268	1255	1239	1267	1293	1173	1174	907	1234	1284	1216
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.															
23 MONTANA NON-REGIONAL NUG	56	56	65	45	64	65	65	67	67	47	44	62	67	57	60
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.															
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11	8
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.															
25 TOTAL NON-UTILITY GEN	1291	1294	1218	1349	1339	1326	1309	1340	1367	1227	1225	979	1315	1351	1284

TABLE A-24

DEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	226	200	193	196	224	216	216	204	182	198	245	207	206	225	208
2	COWLITZ COUNTY PUD #1	36	38	38	43	54	52	50	58	49	58	70	31	51	43	47
3	DOUGLAS COUNTY PUD #1	96	97	78	79	99	99	85	75	75	75	130	123	128	100	95
4	EUGENE WATER & ELEC BOARD	60	60	55	60	63	77	66	70	70	72	77	102	107	71	73
5	GRANT COUNTY PUD #2	231	281	226	230	294	290	251	222	221	219	418	271	397	293	273
6	PEND OREILLE COUNTY PUD #1	18	-1	-7	10	3	6	4	11	11	13	24	25	9	3	8
7	SEATTLE CITY LIGHT	770	670	629	832	789	792	820	905	865	866	1068	1047	1067	868	858
8	SNOHOMISH COUNTY PUD #1	125	125	128	129	126	132	136	200	146	121	107	139	144	128	137
9	TACOMA PUBLIC UTILITIES	281	290	342	370	373	461	534	516	403	331	349	347	368	314	387
10	SM & NON GEN PUBLIC (CL+GH)	165	171	174	178	186	184	183	183	188	172	192	207	198	169	183
11	TOTAL PUBLIC AGENCIES	2008	1931	1857	2126	2211	2308	2345	2444	2210	2125	2679	2497	2673	2212	2271
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	1227	1235	1540	1360	1223	1251	1537	1263	1086	1067	1336	1675	1290	1476	1344
13	MONTANA POWER CO. REGIONAL	300	301	362	382	399	430	415	394	362	325	361	284	305	264	353
14	PACIFIC POWER & LIGHT	2359	2377	2075	2167	2221	2581	2442	2662	2366	2068	2017	2195	2455	2403	2331
15	PORTLAND GENERAL ELECTRIC	611	630	770	766	944	1075	945	1010	828	793	902	866	895	867	869
16	PUGET SOUND POWER & LIGHT	1319	1302	1143	1151	1416	1493	1377	1395	1193	1049	1544	1337	1557	1314	1332
17	WASHINGTON WATER POWER	609	590	556	587	653	708	642	774	761	798	987	1027	984	622	734
18	TOTAL INVESTOR-OWNED UTILIT	6425	6435	6446	6413	6856	7538	7358	7498	6596	6100	7147	7384	7486	6946	6965
19	TOTAL DEDICATED RESOURCES	8433	8366	8303	8539	9067	9846	9703	9942	8806	8225	9826	9881	10159	9158	9236

TABLE A-24

DEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	242	216	207	210	240	232	231	218	196	212	261	222	221	250	224
2	COWLITZ COUNTY PUD #1	33	35	35	40	51	49	47	55	46	55	67	28	48	40	44
3	DOUGLAS COUNTY PUD #1	93	94	75	76	96	96	82	72	72	71	126	119	124	96	92
4	EUGENE WATER & ELEC BOARD	108	108	103	109	113	129	118	122	122	123	128	150	155	119	123
5	GRANT COUNTY PUD #2	223	273	218	222	286	282	243	214	213	212	411	264	390	286	265
6	PEND OREILLE COUNTY PUD #1	17	-2	-8	9	2	5	3	10	10	13	24	25	9	3	8
7	SEATTLE CITY LIGHT	749	650	609	812	769	772	800	885	844	884	1068	1012	1047	848	839
8	SNOHOMISH COUNTY PUD #1	123	123	126	127	124	130	134	198	144	156	125	122	142	126	137
9	TACOMA PUBLIC UTILITIES	275	284	336	364	367	455	528	510	397	362	362	325	361	307	383
10	SM & NON GEN PUBLIC (CL+GH)	373	379	379	381	389	395	387	380	386	389	400	397	398	377	387
11	TOTAL PUBLIC AGENCIES	2237	2161	2082	2350	2437	2545	2574	2664	2431	2478	2971	2663	2894	2451	2501
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	1291	1298	1597	1426	1285	1299	1564	1356	1282	1229	1322	1699	1335	1522	1411
13	MONTANA POWER CO. REGIONAL	264	264	256	267	288	318	328	305	273	248	283	280	307	268	285
14	PACIFIC POWER & LIGHT	2179	2197	2069	2015	2345	2469	2387	2599	2194	2160	2002	1760	2278	2232	2218
15	PORTLAND GENERAL ELECTRIC	790	809	733	729	907	1038	908	973	791	769	874	757	845	832	844
16	PUGET SOUND POWER & LIGHT	1176	1159	1001	1010	1273	1350	1235	1255	1052	979	1458	1218	1452	1245	1206
17	WASHINGTON WATER POWER	602	583	549	580	647	702	633	765	752	860	1015	989	975	613	728
18	TOTAL INVESTOR-OWNED UTILIT	6302	6310	6205	6027	6745	7176	7055	7253	6344	6245	6954	6703	7192	6712	6693
19	TOTAL DEDICATED RESOURCES	8539	8471	8287	8377	9182	9721	9629	9917	8775	8723	9925	9366	10086	9163	9194

TABLE A-24

DEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	297	268	242	245	295	286	272	251	229	245	373	328	326	303	281
2	COWLITZ COUNTY PUD #1	29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
3	DOUGLAS COUNTY PUD #1	91	92	73	74	94	94	80	70	70	69	124	117	122	94	90
4	EUGENE WATER & ELEC BOARD	101	101	96	102	106	122	111	115	115	117	122	144	149	113	116
5	GRANT COUNTY PUD #2	218	268	213	217	281	277	238	209	208	206	405	258	384	280	260
6	PEND OREILLE COUNTY PUD #1	21	1	0	16	9	12	9	16	16	20	31	32	16	7	14
7	SEATTLE CITY LIGHT	731	632	587	790	747	751	780	865	824	811	1054	1010	1026	830	819
8	SNOHOMISH COUNTY PUD #1	121	121	124	125	122	128	132	196	142	103	130	138	140	124	134
9	TACOMA PUBLIC UTILITIES	261	270	322	350	353	441	514	496	383	297	355	331	348	294	369
10	SM & NON GEN PUBLIC (CL+GH)	359	365	365	367	375	381	373	366	372	349	389	393	384	363	373
11	TOTAL PUBLIC AGENCIES	2230	2150	2054	2324	2430	2537	2552	2635	2402	2269	3045	2775	2939	2444	2495
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	1363	1370	1657	1478	1347	1369	1639	1389	1329	1436	1528	1782	1401	1583	1485
13	MONTANA POWER CO. REGIONAL	270	270	261	275	294	325	333	312	279	254	290	287	311	275	291
14	PACIFIC POWER & LIGHT	1987	2005	1668	1725	1976	2327	2253	2487	2117	1801	1990	2035	2157	2097	2061
15	PORTLAND GENERAL ELECTRIC	766	785	709	705	883	1014	884	949	767	730	853	740	822	809	821
16	PUGET SOUND POWER & LIGHT	1089	1075	935	942	1186	1264	1162	1190	987	869	1320	1098	1316	1161	1118
17	WASHINGTON WATER POWER	596	577	543	574	641	696	627	759	746	756	1021	1018	969	607	721
18	TOTAL INVESTOR-OWNED UTILIT	6071	6082	5773	5699	6327	6995	6898	7086	6225	5846	7002	6960	6976	6532	6498
19	TOTAL DEDICATED RESOURCES	8301	8232	7827	8023	8757	9532	9450	9721	8627	8115	10047	9735	9915	8976	8993

TABLE A-25

NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	2	3	8	9	21	20	20	19	9	9	10	9	3	3	11
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
5	GRANT COUNTY PUD #2	40	45	34	32	35	34	30	27	28	37	59	46	61	49	39
6	PEND OREILLE COUNTY PUD #1	71	69	71	71	71	71	71	71	71	71	71	71	71	71	71
7	SEATTLE CITY LIGHT	-23	-23	-46	-64	49	80	80	80	30	6	6	0	-30	-130	3
8	SNOHOMISH COUNTY PUD #1	-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
9	TACOMA PUBLIC UTILITIES	-54	-54	-32	22	-2	10	19	16	7	-4	-4	-27	-16	-5	-5
10	SM & NON GEN PUBLIC (CL+GH)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11	TOTAL PUBLIC AGENCIES	50	54	48	82	185	217	229	223	155	131	156	113	104	-4	129
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	349	349	236	170	145	70	70	70	128	245	245	167	232	420	192
13	MONTANA POWER CO. REGIONAL	68	69	-13	-17	-16	-20	-14	-17	-14	80	5	3	32	91	10
14	PACIFIC POWER & LIGHT	-512	-512	-440	-349	-288	-230	-251	-280	-296	-318	-317	-430	-475	-506	-365
15	PORTLAND GENERAL ELECTRIC	804	804	727	841	968	972	970	969	896	876	432	268	563	725	780
16	PUGET SOUND POWER & LIGHT	1079	1079	1091	1339	1500	1527	1509	1495	1309	1082	1031	717	1000	1078	1225
17	WASHINGTON WATER POWER	112	112	78	134	263	294	310	313	245	189	110	47	58	118	177
18	TOTAL INVESTOR-OWNED UTILIT	1900	1901	1679	2118	2572	2613	2594	2550	2268	2154	1506	772	1410	1926	2019
19	TOTAL NONDEDICATED RES	1950	1955	1727	2200	2757	2830	2823	2773	2423	2285	1662	885	1514	1922	2148

TABLE A-25

NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	3	3	8	9	21	21	19	19	9	9	9	10	2	2	11
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
5	GRANT COUNTY PUD #2	40	45	34	32	35	34	30	27	28	36	59	46	61	49	39
6	PEND OREILLE COUNTY PUD #1	62	61	62	62	62	62	62	62	62	62	62	62	62	62	62
7	SEATTLE CITY LIGHT	-23	-23	-46	-64	49	80	80	80	30	6	6	0	-30	-130	3
8	SNOHOMISH COUNTY PUD #1	-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
9	TACOMA PUBLIC UTILITIES	-68	-68	-46	7	-17	-5	4	1	-8	-17	-17	-40	-29	-18	-20
10	SM & NON GEN PUBLIC (CL+GH)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
11	TOTAL PUBLIC AGENCIES	27	31	25	58	161	194	205	199	132	108	133	91	81	-28	106
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	374	374	261	245	220	145	145	145	203	245	232	170	232	420	233
13	MONTANA POWER CO. REGIONAL	90	90	77	80	81	76	77	73	77	159	84	7	32	91	74
14	PACIFIC POWER & LIGHT	-547	-547	-561	-470	-409	-352	-375	-403	-418	-441	-440	-468	-599	-544	-466
15	PORTLAND GENERAL ELECTRIC	724	725	633	748	899	903	902	900	834	833	388	225	505	727	718
16	PUGET SOUND POWER & LIGHT	1070	1070	1083	1374	1548	1551	1550	1551	1376	1136	1022	708	992	1070	1246
17	WASHINGTON WATER POWER	191	191	148	206	348	375	377	376	305	248	168	99	103	137	239
18	TOTAL INVESTOR-OWNED UTILIT	1902	1903	1641	2183	2687	2698	2676	2642	2377	2180	1454	741	1265	1901	2044
19	TOTAL NONDEDICATED RES	1929	1934	1666	2241	2848	2892	2881	2841	2509	2288	1587	832	1346	1873	2150

TABLE A-25

NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUBLIC AGENCIES																
1	CHELAN COUNTY PUD #1	3	2	8	10	21	21	20	19	9	9	10	10	2	2	11
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
5	GRANT COUNTY PUD #2	40	45	34	32	35	34	30	27	28	37	59	46	60	49	39
6	PEND OREILLE COUNTY PUD #1	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
7	SEATTLE CITY LIGHT	-19	-19	-30	-15	24	30	30	30	30	6	6	0	-30	-30	2
8	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	TACOMA PUBLIC UTILITIES	-18	-18	-46	-43	-17	-5	24	24	24	24	24	1	12	23	0
10	SM & NON GEN PUBLIC (CL+GH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	TOTAL PUBLIC AGENCIES	85	90	45	63	143	153	184	180	170	156	181	137	125	118	131
INVESTOR-OWNED UTILITIES																
12	IDAHO POWER COMPANY	320	320	245	245	245	195	195	195	203	245	232	170	232	320	234
13	MONTANA POWER CO. REGIONAL	86	86	73	76	77	73	73	70	73	155	80	2	32	88	70
14	PACIFIC POWER & LIGHT	-410	-410	-423	-332	-271	-216	-166	-195	-215	-242	-241	-270	-397	-330	-289
15	PORTLAND GENERAL ELECTRIC	724	725	633	748	899	902	902	900	834	833	388	225	505	727	717
16	PUGET SOUND POWER & LIGHT	720	720	732	873	1346	1346	1346	1348	1024	935	821	509	792	720	969
17	WASHINGTON WATER POWER	171	171	128	184	325	355	357	355	284	228	149	120	123	150	228
18	TOTAL INVESTOR-OWNED UTILIT	1611	1612	1388	1794	2621	2655	2707	2673	2203	2154	1429	756	1287	1675	1930
19	TOTAL NONDEDICATED RES	1696	1702	1433	1857	2764	2808	2891	2853	2373	2310	1610	893	1412	1793	2061

TABLE A-26

FEDERAL RESOURCE OPTIONS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552															
1 BPA TO BURBANK, POWER SALE	26	26	25	16	11	11	11	10	10	11	11	18	23	25	16
2 BPA TO GLENDALE, POWER SALE	14	14	13	6	5	5	6	5	5	6	6	9	12	13	8
3 BPA TO PASADENA, POWER SALE	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
4 BPA TO MSR, POWER SALE	75	75	79	76	51	35	36	30	30	30	30	31	52	76	50
5 BPA TO SCE, POWER SALE	131	131	131	131	145	137	137	135	136	131	131	131	131	131	134
6 FED CONTRACTS 60-DAY RECALL	251	251	253	233	214	190	192	182	183	180	180	193	222	250	212
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
7 BURBANK TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
8 GLENDALE TO BPA, CAP/NRG X	3	3	3	3	4	6	6	6	6	6	3	3	3	3	4
9 PASADEDA TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	37	37	37	37	37	37	0	0	0	0	17
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	53	107	107	107	107	0	0	0	0	0	40
12 FED EXCHANGE NRG FROM PSW	8	8	8	8	104	159	159	159	159	52	8	8	8	8	68
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	1	3	3	3	3	3	0	0	0	0	1
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	2	3	3	3	3	3	0	0	0	0	1
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	1	2	2	2	2	2	0	0	0	0	1
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	40	81	81	81	81	81	0	0	0	0	34
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	44	89	89	89	89	89	0	0	0	0	37
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	143	285	285	285	0	0	0	0	71
19 FED RES ADDITIONS FROM PSW	0	0	0	0	44	89	231	374	374	374	0	0	0	0	108
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552															
20 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	259	259	261	241	362	437	582	714	715	606	188	201	230	258	388
23 CANADIAN NON-TREATY STORAGE	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
24 TOTAL RESOURCE OPTIONS	374	374	376	356	477	552	697	829	830	721	303	316	345	373	503

TABLE A-26

FEDERAL RESOURCE OPTIONS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552															
1 BPA TO BURBANK, POWER SALE	26	26	25	16	11	11	11	10	10	11	11	18	24	25	16
2 BPA TO GLENDALE, POWER SALE	14	14	13	6	5	5	6	5	5	6	6	9	12	13	8
3 BPA TO PASADENA, POWER SALE	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
4 BPA TO MSR, POWER SALE	112	112	119	114	77	53	54	45	45	45	45	47	78	115	75
5 BPA TO SCE, POWER SALE	131	131	131	131	145	137	137	136	136	131	131	131	131	131	134
6 FED CONTRACTS 60-DAY RECALL	288	288	293	271	240	208	210	198	198	195	195	209	249	289	237
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
7 BURBANK TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
8 GLENDALE TO BPA, CAP/NRG X	3	3	3	3	4	6	6	6	6	6	3	3	3	3	4
9 PASADEDA TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	55	55	55	55	55	55	0	0	0	0	25
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	47	93	93	93	93	0	0	0	0	0	35
12 FED EXCHANGE NRG FROM PSW	8	8	8	8	115	164	164	164	164	70	8	8	8	8	71
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	1	3	3	3	3	3	0	0	0	0	1
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	2	3	3	3	3	3	0	0	0	0	1
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	1	2	2	2	2	2	0	0	0	0	1
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	46	93	93	93	93	93	0	0	0	0	39
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	50	101	101	101	101	101	0	0	0	0	42
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FED RES ADDITIONS FROM PSW	0	0	0	0	50	101	101	101	101	101	0	0	0	0	42
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552															
20 BPA TO PSP&L, PWR SALE	0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
22 TOTAL RECALLABLE RESOURCES	296	296	301	429	556	622	624	612	612	366	203	217	257	297	426
23 CANADIAN NON-TREATY STORAGE	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
24 TOTAL RESOURCE OPTIONS	411	411	416	544	671	737	739	727	727	481	318	332	372	412	541

TABLE A-26

FEDERAL RESOURCE OPTIONS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552															
1 BPA TO BURBANK, POWER SALE	26	26	25	16	11	11	11	10	10	11	11	18	24	25	16
2 BPA TO GLENDALE, POWER SALE	14	14	13	6	5	5	6	5	5	5	5	9	12	13	8
3 BPA TO PASADENA, POWER SALE	5	5	5	4	2	2	2	2	2	2	2	4	4	5	3
4 BPA TO MSR, POWER SALE	112	112	119	114	77	53	54	45	45	45	45	47	78	115	75
5 BPA TO SCE, POWER SALE	131	131	131	131	145	137	137	136	136	131	131	131	131	131	134
6 FED CONTRACTS 60-DAY RECALL	288	288	293	271	240	208	210	198	198	194	194	209	249	289	237
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
7 BURBANK TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
8 GLENDALE TO BPA, CAP/NRG X	3	3	3	3	4	6	6	6	6	6	3	3	3	3	4
9 PASADEDA TO BPA, CAP/NRG X	3	3	3	3	5	5	5	5	5	5	3	3	3	3	4
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	55	55	55	55	55	55	0	0	0	0	25
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	39	77	77	77	77	0	0	0	0	0	29
12 FED EXCHANGE NRG FROM PSW	8	8	8	8	107	148	148	148	148	70	8	8	8	8	66
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES															
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	1	3	3	3	3	3	0	0	0	0	1
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	2	3	3	3	3	3	0	0	0	0	1
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	1	2	2	2	2	2	0	0	0	0	1
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	53	107	107	107	107	107	0	0	0	0	44
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	57	115	115	115	115	115	0	0	0	0	48
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FED RES ADDITIONS FROM PSW	0	0	0	0	57	115	115	115	115	115	0	0	0	0	48
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552															
20 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	296	296	301	279	405	471	473	461	461	379	202	217	257	297	351
23 CANADIAN NON-TREATY STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL RESOURCE OPTIONS	296	296	301	279	405	471	473	461	461	379	202	217	257	297	351

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GENERATING PUBLIC UTILITIES FIRM PURCHASES																
PARTNERSHIP PURCHASES																
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
2 BPA TO SNOH, SP PURCHASE		4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
PRIORITY FIRM PURCHASES																
3 GEN PUB PURCHASE, PF RATE		1542	1559	1601	1754	2054	2165	2276	2112	2002	1862	1853	1680	1570	1553	1848
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES																
4 TOTAL GEN PUBLIC PURCHASE		1542	1559	1601	1754	2054	2165	2276	2112	2002	1862	1853	1680	1570	1553	1848
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES																
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS																
BILLING CREDITS																
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS																
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		2989	2983	2803	2910	3372	3720	3841	3592	3284	3122	3102	2950	2943	3074	3216
PARTNERSHIP PURCHASES																
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES																
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
14 BPA TO S&NG, SP PURCH		1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
PRIORITY FIRM PURCHASES																
15 NON GEN PUB PURCH, PF RATE		2988	2982	2802	2909	3371	3718	3840	3590	3282	3121	3101	2949	2943	3074	3215
TOTAL PARTNERSHIP PURCHASES																
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		4	4	5	5	7	9	9	8	7	6	6	5	4	4	6

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GENERATING PUBLIC UTILITIES FIRM PURCHASES																
PARTNERSHIP PURCHASES																
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
2 BPA TO SNOH, SP PURCHASE		4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
PRIORITY FIRM PURCHASES																
3 GEN PUB PURCHASE, PF RATE		1768	1784	1822	1963	2259	2365	2464	2304	2196	2021	2029	1892	1778	1763	2051
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES																
4 TOTAL GEN PUBLIC PURCHASE		1768	1784	1822	1963	2259	2365	2464	2304	2196	2021	2029	1892	1778	1763	2051
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES																
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS																
BILLING CREDITS																
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS																
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		2978	2972	2795	2888	3342	3678	3804	3569	3259	3084	3073	2945	2932	3062	3194
PARTNERSHIP PURCHASES																
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES																
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
14 BPA TO S&NG, .SP PURCH		1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
PRIORITY FIRM PURCHASES																
15 NON GEN PUB PURCH, PF RATE		2977	2971	2794	2887	3341	3676	3803	3568	3258	3083	3072	2944	2931	3061	3193
TOTAL PARTNERSHIP PURCHASES																
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		4	4	5	5	7	9	9	8	7	6	6	5	4	4	6

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GENERATING PUBLIC UTILITIES FIRM PURCHASES																
PARTNERSHIP PURCHASES																
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
2 BPA TO SNOH, SP PURCHASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES																
3 GEN PUB PURCHASE, PF RATE		2009	2027	2061	2200	2506	2618	2723	2566	2447	2319	2269	2114	2016	2007	2297
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES																
4 TOTAL GEN PUBLIC PURCHASE		2009	2027	2061	2200	2506	2618	2723	2566	2447	2319	2269	2114	2016	2007	2297
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES																
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS																
BILLING CREDITS																
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS																
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		3230	3224	3042	3125	3568	3897	4021	3795	3485	3343	3303	3174	3178	3318	3429
PARTNERSHIP PURCHASES																
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES																
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES																
14 BPA TO S&NG, SP PURCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES																
15 NON GEN PUB PURCH, PF RATE		3230	3224	3042	3125	3568	3897	4021	3795	3485	3343	3303	3174	3178	3318	3429
TOTAL PARTNERSHIP PURCHASES																
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BONEVILLE POWER ADMINISTRATION															
1A FEDERAL AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT															
21 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-28

SHEET 1 OF 2

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BONEVILLE POWER ADMINISTRATION															
1A FEDERAL AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT															
21 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
BONEVILLE POWER ADMINISTRATION															
1A FEDERAL AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT															
21 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SECTION XI - DEDICATED AND NONDEDICATED RESOURCES (FOR OYs 1995-96, 1999-2000, AND 2004-05)

Monthly Energy Analysis

Section XI: Dedicated and Nondedicated Resources (for OYs 1995-96, 1999-2000, and 2004-05)	Table	Page
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Montana Power Company	D-2	TA-1-358
Pacific Power and Light Company	D-3	TA-1-364
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Cowlitz County PUD #1	D-8	TA-1-394
Douglas County PUD #1	D-9	TA-1-397
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Grant County PUD #2	D-11	TA-1-406
Pend Oreille County PUD #1	D-12	TA-1-412
Seattle City Light	D-13	TA-1-415
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Tacoma Generating Utilities	D-15	TA-1-424
Small and Nongenerating Public Agencies	D-16	TA-1-430

TABLE D-1

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IDAHO POWER COMPANY DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
2 C.J.STRIKE	5B1A	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
3 AMERICAN FALLS	5B1A	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
4 BLISS	5B1A	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
5 LOWER SALMON	5B1A	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
6 UPPER SALMON 1&2	5B1A	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
7 UPPER SALMON 3&4	5B1A	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
8 SHOSHONE FALLS	5B1A	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
9 SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
10 TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
11 MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
12 CASCADE	5B1A	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
REGULATED HYDRO																
13 HELLS CANYON	5B1A	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
14 OXBOW	5B1A	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
15 BROWNLEE	5B1A	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
16 TOTAL HYDRO		599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
LARGE THERMAL																
17 JIM BRIDGER SHARE	5B1A	635	635	635	635	635	635	635	553	328	339	538	636	635	635	586
18 TOTAL THERMAL		635	635	635	635	635	635	635	553	328	339	538	636	635	635	586
OTHER RESOURCES																
19 WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 NON-UTILITY GENERATION	5B1B	125	128	107	76	63	44	62	59	72	104	103	131	149	146	95
21 TOTAL OTHER RESOURCES		125	128	107	76	63	44	62	59	72	104	103	131	149	146	95
EXPORTS																
22 IDA TO SIERRA PAC,SLE1,	5B1A	-12	-12	-12	-12	-11	-11	-12	-12	-11	-11	-11	-12	-11	-11	-11
23 IDA TO SIERRA PAC,SLE2,	5B1A	-50	-50	-39	-40	-46	-40	-39	-39	-39	-39	-39	-39	-39	-39	-41
24 IDA TO UAMPS, SALE,	5B1A	-53	-53	-41	-41	-43	-51	-53	-45	-31	-32	-32	-41	-49	-53	-44
25 IDA TO AZUSA, BANN,CLT,	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
26 IDA TO CTY OF WASH, UT,	5B1A	-4	-4	-3	-3	-3	-4	-4	-4	-3	-2	-2	-4	-3	-4	-3
27 TOTAL EXPORTS		-125	-125	-101	-102	-109	-112	-114	-106	-90	-90	-90	-102	-108	-113	-106
IMPORTS																
CONTRACTS OUT																
28 IDA TO ORE TRAIL, SALE,	5B1B	-7	-7	-11	-11	-11	-3	-3	-11	-11	-11	-11	-11	-8	0	-8
CONTRACTS IN																

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TOTAL DEDICATED RESOURCES															
29 ACQUIRED PRIOR TO ACT, 5B1A	1109	1114	1444	1295	1158	1200	1470	1208	1015	974	1244	1555	1149	1330	1254
30 ACQUIRED, POST ACT, 5B1B	118	121	96	65	65	51	67	55	71	93	92	120	141	146	91
31 TOTAL DEDICATED RESOURCES	1227	1235	1540	1360	1223	1251	1537	1263	1086	1067	1336	1675	1290	1476	1344
NONDEDICATED RESOURCES															
32 LG THRM, VALMY	202	202	202	202	202	202	202	202	160	202	202	160	202	202	195
33 LG THRM, BOARDMAN SHARE	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	-25	-50	-50	-50	0	0	0	0	0	0	-15
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0	-12
36 C.O.: IPC TO MPC, SALE	-25	-25	-25	-75	-75	-75	-75	-75	-75	0	0	0	0	0	-42
37 C.I.: SCL TO IPC, NRG SALE	54	54	16	0	0	0	0	0	0	0	0	0	0	100	14
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	349	349	236	170	145	70	70	70	128	245	245	167	232	420	192
41 TOTAL RESOURCES	1576	1584	1776	1530	1368	1321	1607	1333	1214	1312	1581	1842	1522	1896	1536

TABLE D-1

SHEET 1 OF 2

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IDAHO POWER COMPANY DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
2	C.J.STRIKE	5B1A	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
3	AMERICAN FALLS	5B1A	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
4	BLISS	5B1A	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
5	LOWER SALMON	5B1A	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
6	UPPER SALMON 1&2	5B1A	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
7	UPPER SALMON 3&4	5B1A	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
8	SHOSHONE FALLS	5B1A	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
9	SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
10	TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
11	MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
12	CASCADE	5B1A	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
REGULATED HYDRO																	
13	HELLS CANYON	5B1A	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
14	OXBOW	5B1A	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
15	BROWNLEE	5B1A	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
16	TOTAL HYDRO		599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
LARGE THERMAL																	
17	JIM BRIDGER SHARE	5B1A	635	635	635	636	635	635	635	600	477	455	476	614	636	635	603
18	TOTAL THERMAL		635	635	635	636	635	635	635	600	477	455	476	614	636	635	603
OTHER RESOURCES																	
19	WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NON-UTILITY GENERATION	5B1B	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
21	TOTAL OTHER RESOURCES		135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
EXPORTS																	
22	IDA TO SIERRA PAC,SLE1,	5B1A	-12	-12	-12	-12	-11	-11	-12	-12	-11	-11	-11	-12	-11	0	-11
23	IDA TO SIERRA PAC,SLE2,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	IDA TO UAMPS, SALE,	5B1A	-56	-56	-45	-38	-47	-55	-58	-48	-33	-35	-34	-45	-52	-57	-47
25	IDA TO AZUSA, BANN,CLT,	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
26	IDA TO CTY OF WASH, UT,	5B1A	-4	-4	-3	-3	-4	-4	-5	-4	-4	-2	-2	-4	-3	-4	-4
27	TOTAL EXPORTS		-78	-78	-66	-59	-68	-76	-81	-70	-54	-54	-53	-67	-72	-67	-68
IMPORTS																	
CONTRACTS OUT																	
28	IDA TO ORE TRAIL, SALE,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN																	

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TOTAL DEDICATED RESOURCES															
29 ACQUIRED PRIOR TO ACT, 5B1A	1156	1161	1479	1339	1199	1236	1503	1291	1200	1126	1219	1568	1186	1376	1309
30 ACQUIRED, POST ACT, 5B1B	135	137	118	87	86	63	61	65	82	103	103	131	149	146	102
31 TOTAL DEDICATED RESOURCES	1291	1298	1597	1426	1285	1299	1564	1356	1282	1229	1322	1699	1335	1522	1411
NONDEDICATED RESOURCES															
32 LG THRM, VALMY	202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
33 LG THRM, BOARDMAN SHARE	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	-25	-50	-50	-50	0	0	0	0	0	0	-15
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0	-12
36 C.O.: IPC TO MPC, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	54	54	16	0	0	0	0	0	0	0	0	0	0	100	14
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	374	374	261	245	220	145	145	145	203	245	232	170	232	420	233
41 TOTAL RESOURCES	1665	1672	1858	1671	1505	1444	1709	1501	1485	1474	1554	1869	1567	1942	1644

TABLE D-1

SHEET 1 OF 2

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IDAHO POWER COMPANY DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13	17
2	C.J.STRIKE	5B1A	44	44	54	54	66	72	59	56	59	48	48	46	43	40	53
3	AMERICAN FALLS	5B1A	66	66	40	14	7	16	0	0	13	58	58	57	81	81	36
4	BLISS	5B1A	41	41	48	45	51	55	45	42	46	40	40	39	39	38	44
5	LOWER SALMON	5B1A	26	26	30	29	34	38	29	27	28	25	25	24	24	24	28
6	UPPER SALMON 1&2	5B1A	18	18	19	19	19	19	19	19	17	17	17	17	17	17	18
7	UPPER SALMON 3&4	5B1A	15	15	18	17	18	18	17	16	17	14	14	14	14	14	16
8	SHOSHONE FALLS	5B1A	11	11	12	8	12	12	12	12	12	8	8	7	6	10	10
9	SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26	28
10	TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0	8
11	MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0	4
12	CASCADE	5B1A	13	13	10	2	2	1	5	1	1	1	1	1	4	11	4
REGULATED HYDRO																	
13	HELLS CANYON	5B1A	114	114	227	198	133	139	254	194	188	169	193	274	129	190	185
14	OXBOW	5B1A	59	59	119	103	69	71	132	99	95	83	96	141	63	99	95
15	BROWNLEE	5B1A	144	148	279	220	152	170	314	235	240	215	249	357	162	245	229
16	TOTAL HYDRO		599	604	910	762	645	687	957	768	787	725	796	1021	622	808	777
LARGE THERMAL																	
17	JIM BRIDGER SHARE	5B1A	635	635	635	635	635	635	635	569	476	614	635	636	636	635	616
18	TOTAL THERMAL		635	635	635	635	635	635	635	569	476	614	635	636	636	635	616
OTHER RESOURCES																	
19	WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	NON-UTILITY GENERATION	5B1B	135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
21	TOTAL OTHER RESOURCES		135	137	118	87	73	53	53	58	72	103	103	131	149	146	98
EXPORTS																	
22	IDA TO SIERRA PAC,SLE1,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	IDA TO SIERRA PAC,SLE2,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	IDA TO UAMPS, SALE,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	IDA TO AZUSA, BANN,CLT,	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
26	IDA TO CTY OF WASH, UT,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	TOTAL EXPORTS		-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
IMPORTS																	
CONTRACTS OUT																	
28	IDA TO ORE TRAIL, SALE,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN																	

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TOTAL DEDICATED RESOURCES															
29 ACQUIRED PRIOR TO ACT, 5B1A	1228	1233	1539	1391	1261	1306	1578	1324	1247	1333	1425	1651	1252	1437	1383
30 ACQUIRED, POST ACT, 5B1B	135	137	118	87	86	63	61	65	82	103	103	131	149	146	102
31 TOTAL DEDICATED RESOURCES	1363	1370	1657	1478	1347	1369	1639	1389	1329	1436	1528	1782	1401	1583	1485
NONDEDICATED RESOURCES															
32 LG THRM, VALMY	202	202	202	202	202	202	202	202	160	202	189	163	202	202	195
33 LG THRM, BOARDMAN SHARE	43	43	43	43	43	43	43	43	43	43	43	7	30	43	39
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0	-12
36 C.O.: IPC TO MPC, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75	12
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	320	320	245	245	245	195	195	195	203	245	232	170	232	320	234
41 TOTAL RESOURCES	1683	1690	1902	1723	1592	1564	1834	1584	1532	1681	1760	1952	1633	1903	1719

TABLE D-2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
MONTANA POWER COMPANY DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	2	1	2	2	3	2	2	3	2
2 BLACK EAGLE	5B1A	5	5	4	4	4	4	4	3	3	5	5	5	5	6	4
3 HOLTER	5B1A	8	8	8	8	7	7	6	6	6	9	10	9	8	10	8
4 HAUSER	5B1A	4	4	4	4	4	3	3	3	3	5	5	5	4	5	4
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
6 MADISON	5B1A	2	2	2	2	2	2	2	2	2	3	3	3	2	3	2
7 RAINBOW	5B1A	10	10	10	9	9	8	8	7	7	11	12	11	9	13	9
8 COCHRANE	5B1A	8	8	8	7	7	6	6	5	6	8	9	9	7	10	7
9 RYAN	5B1A	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2
10 MORONY	5B1A	9	9	9	8	8	7	6	6	6	10	10	10	8	11	8
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO																
12 KERR	5B1A	37	39	29	28	38	40	37	33	36	45	55	52	49	33	38
13 THOMPSON FALLS	5B1A	14	13	11	11	12	11	15	15	15	28	33	32	28	21	18
14 TOTAL HYDRO		101	102	89	85	95	92	90	82	88	128	147	140	125	117	103
LARGE THERMAL																
15 COLSTRIP 1&2 SHARE	5B1A	92	92	91	82	82	74	69	62	68	50	91	67	88	117	80
16 COLSTRIP 3 SHARE	5B1B	68	68	67	61	61	55	51	46	50	74	48	45	65	86	60
17 TOTAL THERMAL		160	160	158	143	143	129	120	108	118	124	139	112	153	203	140
OTHER RESOURCES																
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GEN	5B1B	32	32	33	21	29	26	24	22	24	26	29	38	32	42	29
20 TOTAL OTHER RESOURCES		32	32	33	21	29	26	24	22	24	26	29	38	32	42	29
EXPORTS																
IMPORTS																
CONTRACTS OUT																
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75	-12
22 MPC TO BPA,C/N XCHG	5B1A	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
23 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24 TOTAL CONTRACTS OUT		-98	-98	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-98	-35

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN															
25 IDA TO MPC SEA PWR XCH 5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
26 IDA TO MPC, PWR SALE 5B1B	25	25	25	75	75	75	75	75	75	0	0	0	0	0	42
27 BPA TO MPC,WNP1 OBL 5B1B	80	80	80	80	80	80	80	80	80	70	70	18	18	0	62
28 BPA TO MPC,C/N XCHG 5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL CONTRACTS IN7731 7734	80	80	80	80	80	80	80	80	80	70	70	18	18	0	62
TOTAL DEDICATED RESOURCES															
30 ACQUIRED PRIOR TO ACT, 5B1A	170	171	157	145	154	144	135	121	133	155	214	183	190	211	161
31 ACQUIRED, POST ACT, 5B1B	130	130	205	237	245	286	280	273	229	170	147	101	115	53	193
32 TOTAL DEDICATED RESOURCES	300	301	362	382	399	430	415	394	362	325	361	284	305	264	353
NONDEDICATED RESOURCES															
33 REG HYDRO, KERR	2	2	2	2	2	3	2	2	2	3	3	3	3	2	2
34 LG THRM, COL4 50% SLD TO LA	197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
35 EXP: MPC TO LA, PWR SALE	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91
36 SM TH & MISC, CORRETTE	47	47	46	42	42	38	35	32	35	51	55	53	0	60	40
37 C.O.: MPC TO BPA, PWR SALE	0	0	-80	-80	-80	-80	-80	-80	-80	-80	-80	0	0	0	-53
38 C.O.: MPC TO PP&L, PWR SALE	-10	-10	-10	-10	-10	-10	0	0	0	0	0	0	0	0	-4
39 C.O.: MPC TO PSP&L, PWR S	-77	-77	-77	-77	-77	-77	-77	-77	-77	0	0	-77	-77	-77	-70
40 C.O.: MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES	68	69	-13	-17	-16	-20	-14	-17	-14	80	5	3	32	91	10
42 TOTAL RESOURCES	368	370	349	365	383	410	401	377	348	405	366	287	337	355	364

TABLE D-2

SHEET 1 OF 2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
MONTANA POWER COMPANY DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MYSTIC LAKE	5B1A	3	3	2	2	2	2	2	2	2	2	2	2	3	2	
2 BLACK EAGLE	5B1A	6	6	4	5	5	5	5	4	4	5	5	6	5	6	5
3 HOLTER	5B1A	10	10	8	9	9	8	8	7	8	9	10	10	8	11	9
4 HAUSER	5B1A	5	5	4	4	4	4	4	4	4	4	5	5	4	5	4
5 MILLTOWN & FLINTCREEK	5B1A	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0
6 MADISON	5B1A	3	3	2	3	3	2	2	2	2	3	3	3	2	3	2
7 RAINBOW	5B1A	12	12	10	11	10	10	10	9	10	11	12	12	10	13	11
8 COCHRANE	5B1A	9	9	8	8	8	7	7	7	7	8	9	9	8	10	8
9 RYAN	5B1A	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2
10 MORONY	5B1A	11	11	9	9	9	8	8	8	8	9	10	10	9	11	9
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO																
12 KERR	5B1A	45	47	29	33	43	47	47	43	45	44	53	55	52	33	43
13 THOMPSON FALLS	5B1A	17	16	11	13	14	13	19	19	20	27	32	33	30	21	20
14 TOTAL HYDRO		124	125	89	99	109	108	114	106	113	124	143	147	133	118	116
LARGE THERMAL																
15 COLSTRIP 1&2 SHARE	5B1A	114	113	91	96	95	86	88	81	87	49	89	70	93	118	91
16 COLSTRIP 3 SHARE	5B1B	84	84	67	71	70	64	65	60	65	72	47	47	69	87	67
17 TOTAL THERMAL		198	197	158	167	165	150	153	141	152	121	136	117	162	205	158
OTHER RESOURCES																
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	3	3	3	3	0	0	0	0	0	0	1
19 NON-UTILITY GEN	5B1B	40	40	32	24	34	30	31	28	31	26	28	40	35	43	33
20 TOTAL OTHER RESOURCES		40	40	32	24	37	33	34	31	31	26	28	40	35	43	34
EXPORTS																
IMPORTS																
CONTRACTS OUT																
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75	-12
22 MPC TO BPA,C/N XCHG	5B1A	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29
23 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24 TOTAL CONTRACTS OUT		-98	-98	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-98	-35

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

1999- 0 OPERATING YEAR

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
25 IDA TO MPC SEA PWR XCH	5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
26 IDA TO MPC, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA TO MPC,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL CONTRACTS IN7731	7734	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
30 ACQUIRED PRIOR TO ACT,	5B1A	215	215	157	172	181	171	179	164	177	150	208	193	203	213	184
31 ACQUIRED, POST ACT,	5B1B	49	49	99	95	107	147	149	141	96	98	75	87	104	55	101
32 TOTAL DEDICATED RESOURCES		264	264	256	267	288	318	328	305	273	248	283	280	307	268	285
NONDEDICATED RESOURCES																
33 REG HYDRO, KERR		3	3	2	2	3	3	3	3	3	3	3	3	3	2	3
34 LG THRM, COL4 50% SLD TO LA		197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
35 EXP: MPC TO LA, PWR SALE		-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91
36 SM TH & MISC, CORRETTE		58	58	46	49	49	44	45	41	45	50	54	56	0	60	45
37 C.O.: MPC TO BPA, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S		-77	-77	-77	-77	-77	-77	-77	-77	-77	0	0	-77	-77	-77	-70
40 C.O.: MPC TO WWP, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES		90	90	77	80	81	76	77	73	77	159	84	7	32	91	74
42 TOTAL RESOURCES		354	354	333	347	369	394	405	378	350	407	367	287	339	359	358

TABLE D-2

SHEET 1 OF 2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
MONTANA POWER COMPANY DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2
2 BLACK EAGLE	5B1A	5	5	4	5	5	4	4	4	4	5	5	5	5	6	5
3 HOLTER	5B1A	10	10	7	8	8	7	7	7	7	8	9	9	8	10	8
4 HAUSER	5B1A	5	5	4	4	4	4	4	3	4	4	4	5	4	5	4
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
6 MADISON	5B1A	3	3	2	2	2	2	2	2	2	2	3	3	2	3	2
7 RAINBOW	5B1A	12	12	9	10	10	9	9	8	9	10	11	11	9	12	10
8 COCHRANE	5B1A	9	9	7	7	7	7	7	6	7	8	8	8	7	9	7
9 RYAN	5B1A	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2
10 MORONY	5B1A	10	10	8	8	8	7	8	7	7	9	9	10	8	10	8
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO																
12 KERR	5B1A	42	44	26	31	39	43	43	39	42	40	49	50	48	31	40
13 THOMPSON FALLS	5B1A	16	15	10	12	13	12	17	17	18	25	30	31	27	20	18
14 TOTAL HYDRO		116	117	81	91	101	99	105	97	104	114	132	136	123	111	107
LARGE THERMAL																
15 COLSTRIP 1&2 SHARE	5B1A	106	106	83	89	88	80	81	74	80	45	82	65	86	111	84
16 COLSTRIP 3 SHARE	5B1B	79	79	61	66	65	59	60	55	59	66	44	43	64	82	62
17 TOTAL THERMAL		185	185	144	155	153	139	141	129	139	111	126	108	150	193	146
OTHER RESOURCES																
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	3	3	3	3	0	0	0	0	0	0	1
19 NON-UTILITY GEN	5B1B	37	37	30	23	31	28	28	26	29	23	26	37	32	40	30
20 TOTAL OTHER RESOURCES		37	37	30	23	34	31	31	29	29	23	26	37	32	40	31
EXPORTS																
IMPORTS																
CONTRACTS OUT																
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75	-12
22 MPC TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24 TOTAL CONTRACTS OUT		-69	-69	6	6	6	6	6	6	6	6	6	6	6	-69	-6

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN															
25 IDA TO MPC SEA PWR XCH 5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0	12
26 IDA TO MPC, PWR SALE 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA TO MPC,C/N XCHG 5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL CONTRACTS IN7731 7734	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
30 ACQUIRED PRIOR TO ACT, 5B1A	229	229	170	186	195	185	192	178	191	165	220	207	215	228	197
31 ACQUIRED, POST ACT, 5B1B	41	41	91	89	99	140	141	134	88	89	70	80	96	47	94
32 TOTAL DEDICATED RESOURCES	270	270	261	275	294	325	333	312	279	254	290	287	311	275	291
NONDEDICATED RESOURCES															
33 REG HYDRO, KERR	3	3	2	2	3	3	3	3	3	3	3	3	3	2	3
34 LG THRM, COL4 50% SLD TO LA	197	197	197	197	197	197	197	197	197	197	118	115	197	197	187
35 EXP: MPC TO LA, PWR SALE	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91	-91
36 SM TH & MISC, CORRETTE	54	54	42	45	45	41	41	38	41	46	50	52	0	57	42
37 C.O.: MPC TO BPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S	-77	-77	-77	-77	-77	-77	-77	-77	-77	0	0	-77	-77	-77	-70
40 C.O.: MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES	86	86	73	76	77	73	73	70	73	155	80	2	32	88	70
42 TOTAL RESOURCES	356	356	334	351	371	398	406	382	352	409	370	289	343	363	361

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PACIFIC POWER & LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 NORTH UMPQUA	5B1A	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
2 ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
3 KLAMATH	5B1A	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
4 CNDT,SM PLTS & BIG FK	5B1A	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
5 USBR GREENSPRINGS	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 FELT	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO																
7 WELLS DED SHARE	5B1A	26	27	22	22	27	27	23	21	21	21	34	33	35	27	26
8 ROCKY REACH SHARE	5B1A	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
9 WANAPUM SHARE	5B1A	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
10 PRIEST RAPIDS SHARE	5B1A	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
13 SWIFT 2 SHARE	5B1A	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
14 YALE	5B1A	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
15 MERWIN	5B1A	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
16 TOTAL HYDRO		393	412	417	446	537	640	578	786	633	576	659	498	559	451	547
LARGE THERMAL																
17 CENTRALIA SHARE	5B1A	615	615	615	615	615	615	615	615	615	391	310	595	615	615	591
18 COLSTRIP 3 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
19 COLSTRIP 4 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
20 TOTAL LARGE THERMAL		747	747	747	747	747	747	747	747	747	523	388	671	747	747	716
OTHER RESOURCES																
21 NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52	51
22 TOTAL OTHER RESOURCES		51	51	49	48	50	51	34	54	49	54	54	64	53	52	51
EXPORTS																
IMPORTS																
23 PP&L (WYO) TO PP&L	5B1A	1031	1031	725	789	749	1005	948	940	802	819	820	865	999	1100	898
24 TOTAL IMPORTS		1031	1031	725	789	749	1005	948	940	802	819	820	865	999	1100	898
CONTRACTS OUT																
25 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																	
28	RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
29	CSPE PURCHASE	5B1A	27	27	27	27	27	27	27	27	27	25	25	25	25	25	26
30	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32	BPA TO PP&L,BRDG CAP S	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA TO PP&L,WNP1 OBLIG	5B1B	80	80	80	80	80	80	80	80	80	43	43	44	44	0	64
34	BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	WWP TO PP&L,SANDPOINT	5B1A	2	2	2	2	3	3	0	0	0	0	0	0	0	0	1
36	TOTAL CONTRACTS IN		142	141	142	142	143	143	140	140	140	101	101	102	102	58	125
TOTAL DEDICATED RESOURCES																	
37	ACQUIRED PRIOR TO ACT,	5B1A	2095	2114	1813	1907	1958	2318	2196	2396	2105	1838	1841	2010	2225	2218	2091
38	ACQUIRED, POST ACT,	5B1B	263	263	261	260	262	263	246	267	261	230	176	184	229	184	240
39	TOTAL DEDICATED RESOURCES		2359	2377	2075	2167	2221	2581	2442	2662	2366	2068	2017	2195	2455	2403	2331
NONDEDICATED RESOURCES																	
40	M HYDRO, WELLS ND SHARE		2	2	1	2	2	2	2	2	2	1	3	3	3	2	2
41	EXP: PP&L TO PP&L N.CAL,PS		-65	-65	-20	-2	6	11	15	27	37	28	28	-1	-58	-86	-9
42	EXP: PP&L TO PG&E,PWR SALE		-29	-29	-29	-28	-29	-28	0	0	0	0	0	0	0	0	-12
43	EXP: PP&L TO SMUD,PWR SALE		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
44	EXP: PP&L TO SCE,PWR SALE		-58	-58	-58	-58	-58	-58	-58	-58	-58	-54	-54	-54	-54	-58	-57
45	EXP: PP&L TO CA DPT WTR RES		-78	-78	-76	-69	-67	-71	-74	-72	-67	-62	-62	-61	-66	-79	-70
46	EXP: PP&L TO WAPA,PWR SALE		-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189
47	C.O.: PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	C.O.: PP&L TO CHL,C/N X		-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
49	C.O.: PP&L TO PSP&L,PS2		-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120
50	C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
51	C.I.: GRANT TO PP&L,PS		13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
52	C.I.: CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	C.I.: MPC TO PP&L, SALE		10	10	10	10	10	10	0	0	0	0	0	0	0	0	4
54	C.I.: WWP TO PP&L,PS		50	50	50	50	50	50	33	33	33	33	33	33	33	33	40
21	NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5	4
55	TOTAL NONDEDICATED RES		-512	-512	-440	-349	-288	-230	-251	-280	-296	-318	-317	-430	-475	-506	-365
56	TOTAL RESOURCES		1847	1865	1635	1818	1933	2351	2191	2382	2070	1750	1700	1765	1980	1897	1967

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PACIFIC POWER & LIGHT DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	NORTH UMPQUA	5B1A	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
2	ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
3	KLAMATH	5B1A	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
4	CNDT,SM PLTS & BIG FK	5B1A	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
5	USBR GREENSPRINGS	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6	FELT	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO																	
7	WELLS DED SHARE	5B1A	26	27	22	22	27	27	23	21	21	21	34	33	35	27	26
8	ROCKY REACH SHARE	5B1A	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
9	WANAPUM SHARE	5B1A	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
10	PRIEST RAPIDS SHARE	5B1A	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
11	PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	SWIFT 1 SHARE	5B1A	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
13	SWIFT 2 SHARE	5B1A	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
14	YALE	5B1A	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
15	MERWIN	5B1A	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
16	TOTAL HYDRO		393	411	417	446	537	640	578	786	633	575	658	497	558	451	547
LARGE THERMAL																	
17	CENTRALIA SHARE	5B1A	615	615	615	615	615	615	615	615	615	615	428	503	615	615	598
18	COLSTRIP 3 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
19	COLSTRIP 4 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
20	TOTAL LARGE THERMAL		747	747	747	747	747	747	747	747	747	747	506	579	747	747	723
OTHER RESOURCES																	
21	NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52	51
22	TOTAL OTHER RESOURCES		51	51	49	48	51	52	34	55	49	54	54	64	53	52	51
EXPORTS																	
IMPORTS																	
23	PP&L (WYO) TO PP&L	5B1A	957	957	825	743	822	842	840	823	655	673	673	588	888	950	800
24	TOTAL IMPORTS		957	957	825	743	822	842	840	823	655	673	673	588	888	950	800
CONTRACTS OUT																	
25	CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-3	-3	-4
26	CANADIAN ENTITL (CAN)	5B1A	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
27	TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-12	-12	-12	-12	-11	-11	-11	-11	-11	-12

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
28 RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
29 CSPE PURCHASE	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32 BPA TO PP&L,BRDG CAP S	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 OBLIG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	158	158	158	158	79	79	79	0	0	0	66
35 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL CONTRACTS IN		43	43	43	43	200	200	200	200	122	122	122	43	43	43	108
TOTAL DEDICATED RESOURCES																
37 ACQUIRED PRIOR TO ACT,	5B1A	1996	2014	1887	1835	2005	2128	2064	2255	1934	1895	1791	1620	2093	2047	1976
38 ACQUIRED, POST ACT,	5B1B	183	183	181	180	340	341	323	344	260	265	211	140	185	184	242
39 TOTAL DEDICATED RESOURCES		2179	2197	2069	2015	2345	2469	2387	2599	2194	2160	2002	1760	2278	2232	2218
NONDEDICATED RESOURCES																
40 M HYDRO, WELLS ND SHARE		2	2	1	2	2	2	2	2	2	1	3	3	3	2	2
41 EXP: PP&L TO PP&L N.CAL,PS		-69	-69	-23	-4	3	8	11	24	34	25	25	-5	-62	-90	-12
42 EXP: PP&L TO PG&E,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP: PP&L TO SMUD,PWR SALE		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
44 EXP: PP&L TO SCE,PWR SALE		-58	-58	-58	-58	-58	-58	-58	-58	-58	-54	-54	-54	-54	-58	-57
45 EXP: PP&L TO CA DPT WTR RES		-78	-78	-76	-69	-67	-71	-74	-72	-67	-62	-62	-61	-66	-79	-70
46 EXP: PP&L TO WAPA,PWR SALE		-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189
47 C.O.: PP&L TO BPA,WP3 S		0	0	-87	-87	-87	-87	-87	-87	-87	-87	-87	0	-87	0	-65
48 C.O.: PP&L TO CHL,C/N X		-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
49 C.O.: PP&L TO PSP&L,PS2		-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120	-120
50 C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
51 C.I.: GRANT TO PP&L,PS		13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
52 C.I.: CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 C.I.: MPC TO PP&L, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5	4
55 TOTAL NONDEDICATED RES		-547	-547	-561	-470	-409	-352	-375	-403	-418	-441	-440	-468	-599	-544	-466
56 TOTAL RESOURCES		1632	1650	1508	1545	1936	2117	2012	2196	1776	1719	1562	1292	1679	1688	1753

TABLE D-3

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PACIFIC POWER & LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 NORTH UMPQUA	5B1A	86	86	80	80	80	123	104	163	122	123	123	122	102	86	106
2 ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26	39
3 KLAMATH	5B1A	4	2	10	32	36	32	44	44	33	30	30	23	4	8	25
4 CNDT,SM PLTS & BIG FK	5B1A	24	24	21	22	22	24	21	31	29	35	35	31	28	26	26
5 USBR GREENSPRINGS	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 FELT	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO																
7 WELLS DED SHARE	5B1A	26	27	22	22	27	27	23	21	21	21	34	33	35	27	26
8 ROCKY REACH SHARE	5B1A	32	31	25	26	32	32	28	25	25	25	44	42	41	34	31
9 WANAPUM SHARE	5B1A	67	81	64	65	84	83	71	62	62	62	122	80	117	86	78
10 PRIEST RAPIDS SHARE	5B1A	57	67	56	56	69	68	60	54	54	54	93	64	90	70	65
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	19	17	26	36	50	44	47	67	47	68	62	2	27	26	38
13 SWIFT 2 SHARE	5B1A	5	5	7	12	17	16	18	24	18	25	21	1	7	7	13
14 YALE	5B1A	19	17	39	33	48	65	59	110	83	40	17	19	33	26	47
15 MERWIN	5B1A	16	17	33	28	40	66	54	125	80	34	18	23	28	21	45
16 TOTAL HYDRO		393	411	417	446	537	640	578	786	633	575	658	497	558	451	547
LARGE THERMAL																
17 CENTRALIA SHARE	5B1A	615	615	615	615	615	615	615	615	615	305	465	615	615	615	596
18 COLSTRIP 3 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
19 COLSTRIP 4 SHARE	5B1B	66	66	66	66	66	66	66	66	66	66	39	38	66	66	63
20 TOTAL LARGE THERMAL		747	747	747	747	747	747	747	747	747	437	543	691	747	747	721
OTHER RESOURCES																
21 NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52	51
22 TOTAL OTHER RESOURCES		51	51	49	48	51	52	34	55	49	54	54	64	53	52	51
EXPORTS																
IMPORTS																
23 PP&L (WYO) TO PP&L	5B1A	777	777	436	465	465	712	718	723	590	637	637	764	780	828	658
24 TOTAL IMPORTS		777	777	436	465	465	712	718	723	590	637	637	764	780	828	658
CONTRACTS OUT																
25 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 CANADIAN ENTITL (CAN)	5B1A	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
27 TOTAL CONTRACTS OUT		-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																	
28	RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
29	CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32	BPA TO PP&L,BRDG CAP S	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	BPA TO PP&L,WNP1 OBLIG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	158	158	158	158	79	79	79	0	0	0	66
35	WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	TOTAL CONTRACTS IN		33	33	33	33	190	190	190	190	112	112	112	33	33	33	98
TOTAL DEDICATED RESOURCES																	
37	ACQUIRED PRIOR TO ACT,	5B1A	1804	1822	1486	1545	1636	1986	1930	2143	1857	1536	1779	1895	1972	1912	1819
38	ACQUIRED, POST ACT,	5B1B	183	183	181	180	340	341	323	344	260	265	211	140	185	184	242
39	TOTAL DEDICATED RESOURCES		1987	2005	1668	1725	1976	2327	2253	2487	2117	1801	1990	2035	2157	2097	2061
NONDEDICATED RESOURCES																	
40	M HYDRO, WELLS ND SHARE		2	2	1	2	2	2	2	2	2	1	3	3	3	2	2
41	EXP: PP&L TO PP&L N.CAL,PS		-75	-75	-28	-9	-2	1	4	17	28	19	19	-11	-69	-98	-19
42	EXP: PP&L TO PG&E,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	EXP: PP&L TO SMUD,PWR SALE		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
44	EXP: PP&L TO SCE,PWR SALE		-58	-58	-58	-58	-58	-58	-58	-58	-58	-54	-54	-54	-54	-58	-57
45	EXP: PP&L TO CA DPT WTR RES		-78	-78	-76	-69	-67	-71	0	0	0	0	0	0	0	0	-30
46	EXP: PP&L TO WAPA,PWR SALE		-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189	-189
47	C.O.: PP&L TO BPA,WP3 S		0	0	-87	-87	-87	-87	-87	-87	-87	-87	-87	0	-87	0	-65
48	C.O.: PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	C.O.: PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34	94
51	C.I.: GRANT TO PP&L,PS		13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
52	C.I.: CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	C.I.: MPC TO PP&L, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54	C.I.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5	4
55	TOTAL NONDEDICATED RES		-410	-410	-423	-332	-271	-216	-166	-195	-215	-242	-241	-270	-397	-330	-289
56	TOTAL RESOURCES		1577	1595	1245	1393	1705	2111	2087	2292	1902	1559	1749	1765	1760	1767	1772

TABLE D-4

SHEET 1 OF 2

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	BULL RUN	5B1A	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
2	TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
REGULATED HYDRO																	
3	ROUND BUTTE	5B1A	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
4	PELTON	5B1A	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
5	OAK GROVE	5B1A	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
6	NORTH FORK	5B1A	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
7	FARADAY	5B1A	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
8	RIVER MILL	5B1A	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
9	PRIEST RAPIDS SHARE	5B1A	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
10	WANAPUM SHARE	5B1A	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
11	ROCKY REACH SHARE	5B1A	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
12	WELLS SHARE	5B1A	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
13	TOTAL HYDRO		476	495	419	415	489	620	490	555	477	456	633	569	599	519	515
LARGE THERMAL																	
14	CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	21	16	31	32	32	31
15	TOTAL THERMAL		32	32	32	32	32	32	32	32	32	21	16	31	32	32	31
OTHER RESOURCES																	
16	SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	NON-UTILITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	C.T.: BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2
19	C.T.: BEAVER	5B1A	67	67	67	67	67	67	67	67	67	67	4	17	67	67	60
20	COGEN, COYOTE SPRINGS	5B1B	0	0	216	216	216	216	216	216	216	216	216	216	166	216	194
21	TOTAL OTHER RESOURCES		71	71	287	287	287	287	287	287	287	287	224	237	235	287	257
EXPORTS																	
IMPORTS																	
22	SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
CONTRACTS OUT																	
23	PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24	CANADIAN ENTIT (CSPE)	5B1A	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
25	CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	RESTORATION	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
27	TOTAL CONTRACTS OUT		-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
28 CSPE PURCHASE	5B1A	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	611	630	553	550	624	755	625	689	612	576	686	650	728	651	641
32 ACQUIRED, POST ACT,	5B1B	0	0	217	216	320	320	320	321	216	217	216	216	167	216	229
33 TOTAL DEDICATED RESOURCES		611	630	770	766	944	1075	945	1010	828	793	902	866	895	867	869
NONDEDICATED RESOURCES																
34 LG THRM, BOARDMAN SHARE		280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
35 LG THRM, COLSTRIP 3 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
36 LG THRM, COLSTRIP 4 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
37 C.T.: BEAVER		365	365	365	365	366	365	365	366	365	365	25	94	366	365	328
38 C.T.: BETHEL		55	55	55	55	55	55	55	55	55	55	55	55	0	55	50
39 EXP: PGE TO BURBANK, SALE		-9	-9	-10	-7	-7	-7	-7	-7	-7	-7	-7	-7	-10	-9	-8
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-19	-12	-13	-12	-12	-13	-12	-13	-13	-12	-19	-20	-15
41 EXP: PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
42 EXP: PGE TO SCE,SEA PWR XCH		-103	-103	-102	0	0	0	0	0	0	0	0	0	-103	-102	-34
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	-72	-72	-72	-72	-72	-72	-72	-72	-72	0	-72	0	-54
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	-11	-10	-11	-11	0	0	0	0	0	0	-3
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	129	129	129	129	64	64	64	0	0	0	54
47 C.I.: BPA TO PGE,WNP1 OB		80	80	80	80	80	80	80	80	63	43	43	44	44	0	63
48 C.I.: CHEL TO PGE,C/N X		8	8	1	0	0	0	0	0	0	0	0	0	7	7	2
49 C.I.: WWP TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 NON-UTILITY GEN		11	11	12	15	23	26	25	24	23	24	24	22	17	12	20
52 TOTAL NONDEDICATED RES		804	804	727	841	968	972	970	969	896	876	432	268	563	725	780
53 TOTAL RESOURCES		1415	1434	1497	1607	1912	2047	1915	1979	1724	1669	1334	1134	1458	1592	1649

TABLE D-4

SHEET 1 OF 2

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1	BULL RUN	5B1A	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
2	TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
REGULATED HYDRO																	
3	ROUND BUTTE	5B1A	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
4	PELTON	5B1A	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
5	OAK GROVE	5B1A	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
6	NORTH FORK	5B1A	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
7	FARADAY	5B1A	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
8	RIVER MILL	5B1A	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
9	PRIEST RAPIDS SHARE	5B1A	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
10	WANAPUM SHARE	5B1A	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
11	ROCKY REACH SHARE	5B1A	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
12	WELLS SHARE	5B1A	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
13	TOTAL HYDRO		476	495	419	415	489	620	490	555	477	456	633	569	599	519	515
LARGE THERMAL																	
14	CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	32	23	27	32	32	31
15	TOTAL THERMAL		32	32	32	32	32	32	32	32	32	32	23	27	32	32	31
OTHER RESOURCES																	
16	SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	NON-UTILITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	C.T.: BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2
19	C.T.: BEAVER	5B1A	67	67	67	67	67	67	67	67	67	67	4	17	67	67	60
20	COGEN, COYOTE SPRINGS	5B1B	216	216	216	216	216	216	216	216	216	216	216	146	151	216	205
21	TOTAL OTHER RESOURCES		287	287	287	287	287	287	287	287	287	287	224	167	220	287	268
EXPORTS																	
IMPORTS																	
22	SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
CONTRACTS OUT																	
23	PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24	CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
25	CANADIAN ENTITL (CAN)	5B1A	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
26	RESTORATION	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
27	TOTAL CONTRACTS OUT		-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
28 CSPE PURCHASE	5B1A	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	574	593	517	513	587	718	588	652	575	553	658	611	693	616	605
32 ACQUIRED, POST ACT,	5B1B	216	216	216	216	320	320	320	321	216	216	216	146	152	216	240
33 TOTAL DEDICATED RESOURCES		790	809	733	729	907	1038	908	973	791	769	874	757	845	832	844
NONDEDICATED RESOURCES																
34 LG THRM, BOARDMAN SHARE		280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
35 LG THRM, COLSTRIP 3 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
36 LG THRM, COLSTRIP 4 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
37 C.T.: BEAVER		366	366	366	366	366	365	365	366	366	366	25	95	366	366	329
38 C.T.: BETHEL		55	55	55	55	55	55	55	55	55	55	55	55	0	55	50
39 EXP: PGE TO BURBANK, SALE		-9	-9	-10	-7	-7	-7	-7	-7	-7	-7	-7	-7	-10	-9	-8
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-19	-12	-13	-12	-12	-13	-12	-13	-13	-12	-19	-20	-15
41 EXP: PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
42 EXP: PGE TO SCE,SEA PWR XCH		-103	-103	-102	0	0	0	0	0	0	0	0	0	-103	-102	-34
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	-86	-86	-86	-86	-86	-86	-86	-86	-86	0	-86	0	-65
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	-11	-11	-10	-11	0	0	0	0	0	0	-3
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	155	155	155	155	78	78	78	0	0	0	65
47 C.I.: BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: CHEL TO PGE,C/N X		7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
49 C.I.: WWP TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 NON-UTILITY GEN		11	11	12	15	23	26	25	24	23	24	24	22	17	12	20
52 TOTAL NONDEDICATED RES		724	725	633	748	899	903	902	900	834	833	388	225	505	727	718
53 TOTAL RESOURCES		1514	1534	1366	1477	1806	1941	1810	1873	1625	1602	1262	982	1350	1559	1562

TABLE D-4

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	BULL RUN	5B1A	4	4	1	1	1	15	13	15	14	14	14	14	7	6	9
2	TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13	14
REGULATED HYDRO																	
3	ROUND BUTTE	5B1A	86	83	89	72	83	124	84	95	92	82	71	87	83	87	88
4	PELTON	5B1A	34	33	36	30	34	49	35	38	37	33	29	35	34	35	36
5	OAK GROVE	5B1A	34	34	16	28	27	27	34	34	25	26	33	21	18	34	27
6	NORTH FORK	5B1A	11	10	7	9	8	34	17	54	23	20	20	23	14	11	19
7	FARADAY	5B1A	10	9	6	8	8	31	15	43	20	18	18	21	12	10	17
8	RIVER MILL	5B1A	5	5	4	5	4	18	9	23	12	10	10	12	7	6	10
9	PRIEST RAPIDS SHARE	5B1A	57	67	55	56	69	68	60	54	54	54	93	64	90	70	65
10	WANAPUM SHARE	5B1A	67	81	64	65	83	83	71	62	62	62	122	80	117	85	78
11	ROCKY REACH SHARE	5B1A	71	70	58	58	72	71	63	57	57	57	99	94	93	77	71
12	WELLS SHARE	5B1A	83	85	69	69	86	86	75	66	67	66	110	104	110	85	82
13	TOTAL HYDRO		476	495	419	415	489	620	490	555	477	456	633	569	599	519	515
LARGE THERMAL																	
14	CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	16	25	32	32	32	31
15	TOTAL THERMAL		32	32	32	32	32	32	32	32	32	16	25	32	32	32	31
OTHER RESOURCES																	
16	SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	NON-UTILITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	C.T.: BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	0	2	2
19	C.T.: BEAVER	5B1A	67	67	67	67	67	67	67	67	67	67	4	17	67	67	60
20	COGEN, COYOTE SPRINGS	5B1B	216	216	216	216	216	216	216	216	216	216	216	147	151	216	205
21	TOTAL OTHER RESOURCES		287	287	287	287	287	287	287	287	287	287	224	168	220	287	269
EXPORTS																	
IMPORTS																	
22	SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	104	104	104	104	0	0	0	0	0	0	35
CONTRACTS OUT																	
23	PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	CANADIAN ENTITL (CAN)	5B1A	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
26	RESTORATION	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
27	TOTAL CONTRACTS OUT		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
28 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	550	569	493	489	563	694	564	628	551	514	637	593	670	593	581
32 ACQUIRED, POST ACT,	5B1B	216	216	216	216	320	320	320	321	216	216	216	147	152	216	240
33 TOTAL DEDICATED RESOURCES		766	785	709	705	883	1014	884	949	767	730	853	740	822	809	821
NONDEDICATED RESOURCES																
34 LG THRM, BOARDMAN SHARE		280	280	280	280	280	280	280	280	280	280	280	45	196	280	253
35 LG THRM, COLSTRIP 3 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
36 LG THRM, COLSTRIP 4 SHARE		131	131	131	131	131	131	131	131	131	131	79	76	131	131	124
37 C.T.: BEAVER		366	366	366	366	366	365	365	366	366	366	25	95	366	366	329
38 C.T.: BETHEL		55	55	55	55	55	55	55	55	55	55	55	55	0	55	50
39 EXP: PGE TO BURBANK, SALE		-9	-9	-10	-7	-7	-7	-7	-7	-7	-7	-7	-7	-10	-9	-8
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-19	-12	-13	-12	-12	-13	-12	-13	-13	-12	-19	-20	-15
41 EXP: PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
42 EXP: PGE TO SCE,SEA PWR XCH		-103	-103	-102	0	0	0	0	0	0	0	0	0	-103	-102	-34
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	-86	-86	-86	-86	-86	-86	-86	-86	-86	0	-86	0	-65
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	-11	-11	-10	-11	0	0	0	0	0	0	-4
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	155	155	155	155	78	78	78	0	0	0	65
47 C.I.: BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: CHEL TO PGE,C/N X		7	8	1	0	0	0	0	0	0	0	0	0	8	8	2
49 C.I.: WWP TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 NON-UTILITY GEN		11	11	12	15	23	26	25	24	23	24	24	22	17	12	20
52 TOTAL NONDEDICATED RES		724	725	633	748	899	902	902	900	834	833	388	225	505	727	717
53 TOTAL RESOURCES		1490	1510	1342	1453	1782	1916	1786	1849	1601	1563	1241	965	1327	1536	1538

TABLE D-5

SHEET 1 OF 2

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 SNOQUALMIE, ELCT & NK	5B1A	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
REGULATED HYDRO																
2 WHITE	5B1A	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
3 UPPER BAKER	5B1A	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
4 LOWER BAKER	5B1A	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
5 WELLS SHARE	5B1A	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6 ROCKY REACH SHARE	5B1A	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
7 ROCK ISLAND SHARE	5B1A	255	249	204	205	255	253	222	198	198	198	365	354	351	274	254
8 WANAPUM SHARE	5B1A	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
9 PRIEST SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10 TOTAL HYDRO		819	802	643	651	791	872	756	763	693	754	1188	990	1095	897	828
LARGE THERMAL																
11 CENTRALIA SHARE	5B1A	91	91	91	91	91	91	91	91	91	58	46	88	91	91	87
12 COLSTRIP 1&2 SHARE	5B1A	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
13 COLSTRIP 3 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
14 COLSTRIP 4 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
15 TOTAL LARGE THERMAL		398	398	398	398	398	398	398	398	398	232	294	283	398	398	377
OTHER RESOURCES																
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
17 C.T.: WHITEHORN 1	5B1A	0	0	0	0	32	31	31	34	0	0	0	0	0	0	11
18 C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	85	82	82	90	0	0	0	0	0	0	28
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		1	1	1	1	126	122	122	133	1	1	1	1	1	1	43
EXPORTS																
IMPORTS																
CONTRACTS OUT																
23 RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24 CANADIAN ENTIT (CSPE)	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
27 CSPE PURCHASE	5B1A	47	47	47	47	47	47	47	47	47	44	44	44	44	44	46
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	43	43	44	44	0	64
30 TOTAL CONTRACTS IN		127	127	127	127	127	127	127	127	127	87	87	88	88	44	110
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	1197	1180	1021	1029	1209	1289	1173	1183	1071	963	1475	1267	1470	1272	1199
32 ACQUIRED, POST ACT,	5B1B	122	122	122	122	207	204	204	212	122	86	69	70	87	42	133
33 TOTAL DEDICATED RESOURCES		1319	1302	1143	1151	1416	1493	1377	1395	1193	1049	1544	1337	1557	1314	1332
NONDEDICATED RESOURCES																
34 LG THRM, COLSTRIP 3 ND	SHR	144	144	144	144	144	144	144	144	144	144	87	83	144	144	136
35 LG THRM, COLSTRIP 4 ND	SHR	144	144	144	144	144	144	144	144	144	144	87	83	144	144	136
37 C.T.: FREDRICKSON		0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
38 C.T.: FREDONIA		0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
39 EXP: PSP&L TO PG&E,S PWR		-141	-141	-141	0	0	0	0	0	0	0	0	0	-141	-141	-47
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
41 IMP: BC HYDRO TO PSP&L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42 C.O.: PSP&L TO BPA,WP3		0	0	-43	-43	-43	-43	-43	-43	-43	-43	-43	0	-43	0	-32
43 C.O.: PSP&L TO BPA, SALE		0	0	0	-44	-56	-32	-49	-64	-75	-62	0	0	0	0	-29
44 C.O.: PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PSP&L TO GHBR, CEN XC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PSP&L,WNP3		0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47 C.I.: PP&L TO PSP&L,PS2		120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
50 C.I.: MPC TO PSP&L, COL 4		77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
51 C.I.: N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
52 C.I.: OTHER TO PSP&L,SP P		1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
53 C.I.: SNOH TO PSP&L,SP PU		4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
54 C.I.: WWP TO PSP&L, PS 2		75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
55 NON-UTILITY GEN NON-DED	SHR	652	652	664	664	664	664	664	664	664	652	652	269	573	652	620
56 TOTAL NONDEDICATED RES		1079	1079	1091	1339	1500	1527	1509	1495	1309	1082	1031	717	1000	1078	1225
57 TOTAL RESOURCES		2398	2381	2234	2490	2916	3020	2886	2890	2502	2131	2575	2054	2557	2392	2557

TABLE D-5

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	SNOQUALMIE, ELCT & NK	5B1A	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
REGULATED HYDRO																	
2	WHITE	5B1A	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
3	UPPER BAKER	5B1A	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
4	LOWER BAKER	5B1A	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
5	WELLS SHARE	5B1A	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6	ROCKY REACH SHARE	5B1A	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
7	ROCK ISLAND SHARE	5B1A	235	229	185	187	235	233	203	180	180	180	346	334	332	244	234
8	WANAPUM SHARE	5B1A	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
9	PRIEST SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10	TOTAL HYDRO		799	782	624	633	771	852	737	745	675	736	1169	970	1076	867	808
LARGE THERMAL																	
11	CENTRALIA SHARE	5B1A	91	91	91	91	91	91	91	91	91	91	63	74	91	91	88
12	COLSTRIP 1&2 SHARE	5B1A	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
13	COLSTRIP 3 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
14	COLSTRIP 4 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
15	TOTAL LARGE THERMAL		398	398	398	398	398	398	398	398	398	265	311	269	398	398	378
OTHER RESOURCES																	
16	C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
17	C.T.: WHITEHORN 1	5B1A	0	0	0	0	32	31	31	34	0	0	0	0	0	0	11
18	C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	85	82	82	91	0	0	0	0	0	0	28
19	SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
20	SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	TOTAL OTHER RESOURCES		1	1	1	1	126	122	122	134	1	1	1	1	1	1	43
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
23	RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24	CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-7
25	CANADIAN ENTITL (CAN)	5B1A	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-22	-23
26	TOTAL CONTRACTS OUT		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-38	-40

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
27 CSPE PURCHASE	5B1A	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	1134	1117	959	968	1146	1226	1111	1122	1010	937	1432	1193	1410	1203	1138
32 ACQUIRED, POST ACT,	5B1B	42	42	42	42	127	124	124	133	42	42	26	25	42	42	68
33 TOTAL DEDICATED RESOURCES		1176	1159	1001	1010	1273	1350	1235	1255	1052	979	1458	1218	1452	1245	1206
NONDEDICATED RESOURCES																
34 LG THRM, COLSTRIP 3 ND SHR		144	144	144	144	144	144	144	144	144	144	87	83	144	144	136
35 LG THRM, COLSTRIP 4 ND SHR		144	144	144	144	144	144	144	144	144	144	87	83	144	144	136
37 C.T.: FREDRICKSON		0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
38 C.T.: FREDONIA		0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
39 EXP: PSP&L TO PG&E,S PWR		-141	-141	-141	0	0	0	0	0	0	0	0	0	-141	-141	-47
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
41 IMP: BC HYDRO TO PSP&L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42 C.O.: PSP&L TO BPA,WP3		0	0	-43	-43	-43	-43	-43	-43	-43	-43	-43	0	-43	0	-32
43 C.O.: PSP&L TO BPA, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PSP&L TO GHBR, CEN XC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PSP&L,WNP3		0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47 C.I.: PP&L TO PSP&L,PS2		120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	150	150	150	150	150	150	0	0	0	0	0	75
50 C.I.: MPC TO PSP&L, COL 4		77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
51 C.I.: N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
52 C.I.: OTHER TO PSP&L,SP P		1	1	1	1	1	2	2	1	1	1	1	1	1	1	1
53 C.I.: SNOH TO PSP&L,SP PU		4	4	4	4	6	8	7	6	6	5	5	4	4	3	5
54 C.I.: WWP TO PSP&L, PS 2		75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
55 NON-UTILITY GEN NON-DED SHR		643	643	655	655	655	655	655	655	655	643	643	260	564	643	612
56 TOTAL NONDEDICATED RES		1070	1070	1083	1374	1548	1551	1550	1551	1376	1136	1022	708	992	1070	1246
57 TOTAL RESOURCES		2246	2229	2084	2384	2821	2901	2785	2806	2428	2115	2480	1926	2444	2315	2452

TABLE D-5

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 SNOQUALMIE, ELCT & NK	5B1A	41	36	29	27	21	52	36	67	51	68	68	64	63	44	47
REGULATED HYDRO																
2 WHITE	5B1A	27	21	13	9	6	31	24	47	38	42	45	23	43	27	27
3 UPPER BAKER	5B1A	33	26	17	22	27	32	38	45	21	44	43	0	33	42	29
4 LOWER BAKER	5B1A	32	26	18	25	30	54	41	52	32	51	51	1	16	41	32
5 WELLS SHARE	5B1A	128	131	106	106	132	132	115	102	102	101	169	160	169	131	127
6 ROCKY REACH SHARE	5B1A	231	227	187	188	232	231	204	185	184	183	322	305	300	249	229
7 ROCK ISLAND SHARE	5B1A	175	172	146	146	175	174	157	142	142	142	228	223	222	188	173
8 WANAPUM SHARE	5B1A	39	47	37	37	48	48	41	36	36	36	71	46	68	49	45
9 PRIEST SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10 TOTAL HYDRO		739	725	585	592	711	793	691	707	637	698	1051	859	966	811	747
LARGE THERMAL																
11 CENTRALIA SHARE	5B1A	91	91	91	91	91	91	91	91	91	45	69	91	91	91	88
12 COLSTRIP 1&2 SHARE	5B1A	266	266	266	266	266	266	266	266	266	133	223	172	266	266	251
13 COLSTRIP 3 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
14 COLSTRIP 4 DED SHARE	5B1B	21	21	21	21	21	21	21	21	21	21	12	12	21	21	19
15 TOTAL LARGE THERMAL		398	398	398	398	398	398	398	398	398	219	317	286	398	398	378
OTHER RESOURCES																
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	2	2	2	2	0	0	0	0	0	0	1
17 C.T.: WHITEHORN 1	5B1A	0	0	0	0	32	31	31	34	0	0	0	0	0	0	11
18 C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	85	82	82	91	0	0	0	0	0	0	28
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		1	1	1	1	126	122	122	134	1	1	1	1	1	1	43
EXPORTS																
IMPORTS																
CONTRACTS OUT																
23 RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 CANADIAN ENTITL (CAN)	5B1A	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39
26 TOTAL CONTRACTS OUT		-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49	-49

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
27 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
31 ACQUIRED PRIOR TO ACT,	5B1A	1047	1033	893	900	1059	1140	1038	1057	945	827	1294	1073	1274	1119	1050
32 ACQUIRED, POST ACT,	5B1B	42	42	42	42	127	124	124	133	42	42	26	25	42	42	68
33 TOTAL DEDICATED RESOURCES		1089	1075	935	942	1186	1264	1162	1190	987	869	1320	1098	1316	1161	1118
NONDEDICATED RESOURCES																
34 LG THRM, COLSTRIP 3 ND SHR		144	144	144	144	144	144	144	144	144	144	86	84	144	144	136
35 LG THRM, COLSTRIP 4 ND SHR		144	144	144	144	144	144	144	144	144	144	87	83	144	144	136
37 C.T.: FREDRICKSON		0	0	0	0	12	12	12	13	0	0	0	0	0	0	4
38 C.T.: FREDONIA		0	0	0	0	17	17	17	18	0	0	0	0	0	0	6
39 EXP: PSP&L TO PG&E,S PWR		-141	-141	-141	0	0	0	0	0	0	0	0	0	-141	-141	-47
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
41 IMP: BC HYDRO TO PSP&L		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42 C.O.: PSP&L TO BPA,WP3		0	0	-43	-43	-43	-43	-43	-43	-43	-43	-43	0	-43	0	-32
43 C.O.: PSP&L TO BPA, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		-152	-152	-152	-152	0	0	0	0	0	0	0	0	0	-152	-51
45 C.O.: PSP&L TO GHBR, CEN XC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PSP&L,WNP3		0	0	43	43	43	43	43	43	43	43	43	0	43	0	32
47 C.I.: PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	0	152	152	152	152	0	0	0	0	0	0	51
50 C.I.: MPC TO PSP&L, COL 4		77	77	77	77	77	77	77	77	77	0	0	77	77	77	70
51 C.I.: N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
52 C.I.: OTHER TO PSP&L,SP P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 C.I.: SNOH TO PSP&L,SP PU		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PSP&L, PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 NON-UTILITY GEN NON-DED SHR		643	643	655	655	655	655	655	655	655	643	643	260	564	643	612
56 TOTAL NONDEDICATED RES		720	720	732	873	1346	1346	1346	1348	1024	935	821	509	792	720	969
57 TOTAL RESOURCES		1809	1795	1667	1815	2532	2610	2508	2538	2011	1804	2141	1607	2108	1881	2088

TABLE D-6

SHEET 1 OF 2

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
WASHINGTON WATER POWER DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MEYERS FALLS	5B1A	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
REGULATED HYDRO																
2 NOXON	5B1A	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
3 CABINET GORGE	5B1A	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
4 POST FALLS	5B1A	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
5 UPPER FALLS	5B1A	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
6 MONROE STREET	5B1A	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
7 NINE MILE	5B1A	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
8 LONG LAKE	5B1A	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
9 LITTLE FALLS	5B1A	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
10 WELLS SHARE	5B1A	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
13 WANAPUM SHARE	5B1A	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
14 PRIEST RAPIDS SHARE	5B1A	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
15 TOTAL HYDRO		345	326	292	323	390	445	376	508	495	603	817	767	718	356	476
LARGE THERMAL																
16 CENTRALIA SHARE	5B1A	194	194	194	194	194	194	194	194	194	123	98	188	194	194	187
17 TOTAL LARGE THERMAL		194	194	194	194	194	194	194	194	194	123	98	188	194	194	187
OTHER RESOURCES																
18 C.T.: NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
EXPORTS																
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS																
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS OUT																
23 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WWP TO PP&L,SANDPOINT	5B1A	-2	-2	-2	-2	-3	-3	0	0	0	0	0	0	0	0	-1
26 TOTAL CONTRACTS OUT		-5	-5	-5	-5	-6	-6	-3	-3	-3	-3	-3	-3	-3	-3	-4
CONTRACTS IN																
27 BPA TO WWP, SRP CAP SL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 CSPE PURCHASE	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 RESTORATION	5B1A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
TOTAL DEDICATED RESOURCES																
33 ACQUIRED PRIOR TO ACT,	5B1A	609	590	556	587	653	708	642	774	761	798	987	1027	984	622	734
34 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		609	590	556	587	653	708	642	774	761	798	987	1027	984	622	734
NONDEDICATED RESOURCES																
38 LG THRM, COLSTRIP 3 SHARE		99	99	99	99	99	99	98	99	99	99	59	57	99	99	94
39 LG THRM, COLSTRIP 4 SHARE		99	99	99	99	99	99	99	99	98	98	59	57	99	99	94
40 NON-UTLITY GENERATION		66	66	67	67	68	70	70	72	73	74	74	48	49	69	66
41 RENEW, KETTLE FALLS		45	45	45	45	45	45	44	44	44	27	27	0	0	27	34
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
43 EXP: WWP TO PG&E,SEA PWR XC		-77	-77	-78	-20	0	0	0	0	0	0	0	0	-38	-81	-24
44 C.O.: WWP TO BPA,WNP3 S		0	0	-36	-36	-36	-36	-36	-36	-36	-36	-36	0	-36	0	-27
45 C.O.: WWP TO BPA,DEF PWR X		-67	-67	-64	-67	-67	-67	-67	-67	-67	-62	-62	-9	-9	0	-51
46 C.O.: WWP TO PP&L,PS		-50	-50	-50	-50	-50	-50	-33	-33	-33	-33	-33	-33	-33	-33	-40
47 C.O.: WWP TO PND OR, SALE		-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
48 C.O.: WWP TO PSP&L,PS 2		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
49 C.I.: BPA TO WWP,WNP1 OB		80	80	80	80	80	80	80	83	80	74	74	11	11	0	62
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	65	65	65	65	32	32	32	0	0	0	27
51 C.I.: BPA TO WWP,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	22	2
52 NONDEDICATED RESOURCES		112	112	78	134	263	294	310	313	245	189	110	47	58	118	177
53 TOTAL RESOURCES		721	702	634	721	916	1002	952	1087	1006	987	1097	1074	1042	740	911

TABLE D-6

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
WASHINGTON WATER POWER DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MEYERS FALLS	5B1A	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
REGULATED HYDRO																
2 NOXON	5B1A	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
3 CABINET GORGE	5B1A	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
4 POST FALLS	5B1A	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
5 UPPER FALLS	5B1A	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
6 MONROE STREET	5B1A	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
7 NINE MILE	5B1A	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
8 LONG LAKE	5B1A	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
9 LITTLE FALLS	5B1A	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
10 WELLS SHARE	5B1A	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
13 WANAPUM SHARE	5B1A	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
14 PRIEST RAPIDS SHARE	5B1A	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
15 TOTAL HYDRO		345	326	292	323	390	445	376	508	495	603	817	767	718	356	476
LARGE THERMAL																
16 CENTRALIA SHARE	5B1A	194	194	194	194	194	194	194	194	194	194	135	159	194	194	189
17 TOTAL LARGE THERMAL		194	194	194	194	194	194	194	194	194	194	135	159	194	194	189
OTHER RESOURCES																
18 C.T.: NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
EXPORTS																
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS																
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS OUT																
23 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
25 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
CONTRACTS IN																
27 BPA TO WWP, SRP CAP SL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 CSPE PURCHASE	5B1A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 RESTORATION	5B1A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
TOTAL DEDICATED RESOURCES																
33 ACQUIRED PRIOR TO ACT,	5B1A	602	583	549	580	647	702	633	765	752	860	1015	989	975	613	728
34 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		602	583	549	580	647	702	633	765	752	860	1015	989	975	613	728
NONDEDICATED RESOURCES																
38 LG THRM, COLSTRIP 3 SHARE		99	99	99	99	99	99	99	99	98	99	59	57	99	99	94
39 LG THRM, COLSTRIP 4 SHARE		99	99	99	99	99	99	99	99	99	99	59	57	99	99	94
40 NON-UTLITY GENERATION		66	66	67	67	68	70	70	72	73	74	74	48	49	69	66
41 RENEW, KETTLE FALLS		44	44	44	44	44	44	44	44	44	26	26	0	0	26	34
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
43 EXP: WWP TO PG&E,SEA PWR XC		-77	-77	-78	-20	0	0	0	0	0	0	0	0	-38	-81	-24
44 C.O.: WWP TO BPA,WNP3 S		0	0	-43	-43	-43	-43	-43	-43	-43	-43	-43	0	-43	0	-32
45 C.O.: WWP TO BPA,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.O.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 C.O.: WWP TO PND OR, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: WWP TO PSP&L,PS 2		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
49 C.I.: BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
51 C.I.: BPA TO WWP,DEF PWR X		35	35	35	35	35	31	31	30	31	29	29	12	12	0	26
52 NONDEDICATED RESOURCES		191	191	148	206	348	375	377	376	305	248	168	99	103	137	239
53 TOTAL RESOURCES		793	774	697	786	995	1077	1010	1141	1057	1108	1183	1088	1078	750	967

TABLE D-6

SHEET 1 OF 2

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
WASHINGTON WATER POWER DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 MEYERS FALLS	5B1A	0	0	0	0	0	1	0	1	1	1	1	1	1	0	0
REGULATED HYDRO																
2 NOXON	5B1A	126	112	78	101	126	156	150	163	158	214	322	308	273	115	168
3 CABINET GORGE	5B1A	88	73	54	67	83	105	103	118	115	152	190	187	170	78	111
4 POST FALLS	5B1A	2	2	6	5	6	6	2	14	15	15	15	15	13	4	9
5 UPPER FALLS	5B1A	4	4	9	8	9	9	3	10	10	9	9	10	10	6	8
6 MONROE STREET	5B1A	6	5	10	10	10	10	3	13	13	13	13	13	13	7	10
7 NINE MILE	5B1A	5	4	10	9	10	10	2	18	19	23	24	23	18	7	13
8 LONG LAKE	5B1A	21	21	33	31	33	35	19	66	60	69	72	72	62	26	44
9 LITTLE FALLS	5B1A	8	8	14	13	14	15	8	29	28	31	33	34	26	11	19
10 WELLS SHARE	5B1A	14	14	12	12	15	15	13	11	11	11	19	18	19	15	14
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	17	17	14	14	17	17	15	14	14	14	24	23	22	18	17
13 WANAPUM SHARE	5B1A	29	36	28	28	37	36	31	27	27	27	54	35	51	38	34
14 PRIEST RAPIDS SHARE	5B1A	25	30	24	25	30	30	27	24	24	24	41	28	40	31	29
15 TOTAL HYDRO		345	326	292	323	390	445	376	508	495	603	817	767	718	356	476
LARGE THERMAL																
16 CENTRALIA SHARE	5B1A	194	194	194	194	194	194	194	194	194	96	147	194	194	194	188
17 TOTAL LARGE THERMAL		194	194	194	194	194	194	194	194	194	96	147	194	194	194	188
OTHER RESOURCES																
18 C.T.: NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
EXPORTS																
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS																
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS OUT																
23 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
25 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
CONTRACTS IN																
27 BPA TO WWP, SRP CAP SL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 RESTORATION	5B1A	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
TOTAL DEDICATED RESOURCES																
33 ACQUIRED PRIOR TO ACT,	5B1A	596	577	543	574	641	696	627	759	746	756	1021	1018	969	607	721
34 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		596	577	543	574	641	696	627	759	746	756	1021	1018	969	607	721
NONDEDICATED RESOURCES																
38 LG THRM, COLSTRIP 3 SHARE		98	98	99	98	98	99	99	98	99	99	59	57	98	99	93
39 LG THRM, COLSTRIP 4 SHARE		99	99	99	99	99	98	99	99	99	98	59	57	99	99	94
40 NON-UTLITY GENERATION		6	6	6	5	5	6	5	6	6	8	8	6	7	6	6
41 RENEW, KETTLE FALLS		45	45	45	45	45	45	45	45	45	27	27	0	0	27	34
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	43	72	74	72	39	0	0	0	0	0	25
43 EXP: WWP TO PG&E,SEA PWR XC		-77	-77	-78	-20	0	0	0	0	0	0	0	0	-38	-81	-24
44 C.O.: WWP TO BPA,WNP3 S		0	0	-43	-43	-43	-43	-43	-43	-43	-43	-43	0	-43	0	-32
45 C.O.: WWP TO BPA,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.O.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 C.O.: WWP TO PND OR, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: WWP TO PSP&L,PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.I.: BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	78	78	78	78	39	39	39	0	0	0	32
51 C.I.: BPA TO WWP,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 NONDEDICATED RESOURCES		171	171	128	184	325	355	357	355	284	228	149	120	123	150	228
53 TOTAL RESOURCES		767	748	671	758	966	1051	984	1114	1030	984	1170	1138	1092	757	950

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CHELAN COUNTY PUD #1 DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
REGULATED HYDRO																	
1	ROCKY REACH SHARE	5B1A	45	45	37	37	46	45	40	36	36	36	63	60	59	49	45
2	ROCKY REACH SHARE	5B1B	45	44	36	36	45	45	39	36	36	35	62	59	58	48	44
3	ROCK ISLAND SHARE	5B1A	30	30	28	28	30	30	29	27	27	27	29	29	29	31	29
4	ROCK ISLAND SHARE	5B1B	55	55	51	51	55	55	53	50	50	50	53	54	54	61	53
5	CHELAN SHR, PROJ+CONT	5B1A	22	12	18	19	21	17	23	23	14	22	16	2	3	16	16
6	CHELAN CONTRACT	5B1B	29	15	24	25	28	24	31	32	19	28	22	3	3	21	21
7	TOTAL HYDRO		226	200	193	196	224	216	216	204	182	198	245	207	206	225	209
LARGE THERMAL																	
OTHER RESOURCES																	
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
8	CHELAN TO DOUG,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
10	CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL CONTRACTS OUT		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
CONTRACTS IN																	
13	CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	DOUG TO CHELAN,C/N XCH	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	COLOCK TO CHEL,PK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	TOTAL CONTRACTS IN		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL DEDICATED RESOURCES																	
18	ACQUIRED PRIOR TO ACT,	5B1A	97	86	82	84	96	93	92	87	77	85	108	91	91	95	90
19	ACQUIRED, POST ACT,	5B1B	129	114	111	112	128	123	124	117	104	114	137	115	115	130	119
20	TOTAL DEDICATED RESOURCES		226	200	193	196	224	216	216	204	182	198	245	207	206	225	208

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
21 M HYDRO, ROCK ISLAND SHARE	10	10	9	9	10	10	10	9	9	9	10	9	10	11	10
22 C.O.: CHL TO PGE,C/N X	-8	-8	-1	0	0	0	0	0	0	0	0	0	-7	-7	-2
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	11	10	11	11	0	0	0	0	0	0	3
24 TOTAL NONDEDICATED RES	2	3	8	9	21	20	20	19	9	9	10	9	3	3	11
25 TOTAL RESOURCES	228	203	201	205	245	236	236	223	191	207	255	216	208	228	220

TABLE D-7

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CHELAN COUNTY PUD #1																	
DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
REGULATED HYDRO																	
1	ROCKY REACH SHARE	5B1A	45	45	37	37	46	45	40	36	36	36	63	60	59	49	45
2	ROCKY REACH SHARE	5B1B	45	44	36	36	45	45	39	36	36	35	62	59	58	48	44
3	ROCK ISLAND SHARE	5B1A	30	30	28	28	30	30	29	27	27	27	29	29	29	44	30
4	ROCK ISLAND SHARE	5B1B	75	75	69	69	75	75	73	68	68	68	72	73	73	78	72
5	CHELAN SHR, PROJ+CONT	5B1A	22	12	18	19	21	17	23	23	14	22	16	2	3	16	16
6	CHELAN CONTRACT	5B1B	29	15	24	25	28	24	31	32	19	28	22	3	3	21	21
7	TOTAL HYDRO		246	220	211	214	244	236	235	222	200	216	265	226	225	256	229
LARGE THERMAL																	
OTHER RESOURCES																	
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
8	CHELAN TO DOUG,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-1
10	CANADIAN ENTITL (CAN)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-6	-5
11	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL CONTRACTS OUT		-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-8	-6
CONTRACTS IN																	
13	CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	DOUG TO CHELAN,C/N XCH	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	COLOCK TO CHEL,PK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	TOTAL CONTRACTS IN		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL DEDICATED RESOURCES																	
18	ACQUIRED PRIOR TO ACT,	5B1A	88	77	73	75	87	84	83	78	68	76	99	82	82	97	82
19	ACQUIRED, POST ACT,	5B1B	149	134	129	131	148	143	143	135	122	132	156	135	134	147	138
20	TOTAL DEDICATED RESOURCES		242	216	207	210	240	232	231	218	196	212	261	222	221	250	224

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
21 M HYDRO, ROCK ISLAND SHARE	10	10	9	9	10	10	9	9	9	9	9	10	9	10	9
22 C.O.: CHL TO PGE,C/N X	-7	-8	-1	0	0	0	0	0	0	0	0	0	-8	-8	-2
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	11	11	10	11	0	0	0	0	0	0	3
24 TOTAL NONDEDICATED RES	3	3	8	9	21	21	19	19	9	9	9	10	2	2	11
25 TOTAL RESOURCES	245	219	216	219	261	253	251	237	205	221	270	232	223	252	235

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CHELAN COUNTY PUD #1 DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
REGULATED HYDRO																	
1	ROCKY REACH SHARE	5B1A	45	45	37	37	46	45	40	36	36	36	63	60	59	49	45
2	ROCKY REACH SHARE	5B1B	45	44	36	36	45	45	39	36	36	35	62	59	58	48	44
3	ROCK ISLAND SHARE	5B1A	89	86	66	67	89	88	73	64	64	64	145	139	138	100	90
4	ROCK ISLAND SHARE	5B1B	76	76	70	71	76	76	74	69	69	69	74	74	75	78	73
5	CHELAN SHR, PROJ+CONT	5B1A	22	12	18	19	21	17	23	23	14	22	16	2	3	16	16
6	CHELAN CONTRACT	5B1B	29	15	24	25	28	24	31	32	19	28	22	3	3	21	21
7	TOTAL HYDRO		306	277	251	254	304	295	281	260	238	254	382	337	335	312	290
LARGE THERMAL																	
OTHER RESOURCES																	
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
8	CHELAN TO DOUG,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CANADIAN ENTITL (CAN)	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
11	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL CONTRACTS OUT		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
CONTRACTS IN																	
13	CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	DOUG TO CHELAN,C/N XCH	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	COLOCK TO CHEL,PK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES																	
18	ACQUIRED PRIOR TO ACT,	5B1A	137	123	101	103	136	131	117	104	95	102	205	182	180	146	132
19	ACQUIRED, POST ACT,	5B1B	150	135	130	132	149	144	144	136	124	133	158	136	136	147	139
20	TOTAL DEDICATED RESOURCES		297	268	242	245	295	286	272	251	229	245	373	328	326	303	281

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
21 M HYDRO, ROCK ISLAND SHARE	10	10	9	10	10	10	10	9	9	9	10	10	10	10	10
22 C.O.: CHL TO PGE,C/N X	-7	-8	-1	0	0	0	0	0	0	0	0	0	-8	-8	-2
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	11	11	10	11	0	0	0	0	0	0	4
24 TOTAL NONDEDICATED RES	3	2	8	10	21	21	20	19	9	9	10	10	2	2	11
25 TOTAL RESOURCES	300	271	250	255	316	307	292	270	238	254	383	338	328	305	292

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WANAPUM SHARE	5B1A	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
2 PRIEST RAPIDS SHARE	5B1A	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
3 SWIFT 1 SHARE	5B1B	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
4 SWIFT 2 SHARE	5B1B	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
5 TOTAL HYDRO		27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
6 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	-1
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9 TOTAL CONTRACTS OUT		2	2	2	2	2	2	2	2	2	3	3	3	3	3	2
CONTRACTS IN																
10 CSPE PURCHASE	5B1A	7	7	7	7	7	7	7	7	7	6	6	6	6	6	7
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		7	7	7	7	7	7	7	7	7	6	6	6	6	6	7
TOTAL DEDICATED RESOURCES																
13 ACQUIRED PRIOR TO ACT,	5B1A	27	31	26	26	31	31	28	26	26	26	41	30	39	31	30
14 ACQUIRED, POST ACT,	5B1B	9	7	12	17	23	21	22	32	23	32	29	1	12	12	18
15 TOTAL DEDICATED RESOURCES		36	38	38	43	54	52	50	58	49	58	70	31	51	43	47
NONDEDICATED RESOURCES																
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		36	38	38	43	54	52	50	58	49	58	70	31	51	43	47

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999-2000 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WANAPUM SHARE	5B1A	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
2 PRIEST RAPIDS SHARE	5B1A	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
3 SWIFT 1 SHARE	5B1B	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
4 SWIFT 2 SHARE	5B1B	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
5 TOTAL HYDRO		27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
6 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9 TOTAL CONTRACTS OUT		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CONTRACTS IN																
10 CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL DEDICATED RESOURCES																
13 ACQUIRED PRIOR TO ACT,	5B1A	24	28	23	23	28	28	25	23	23	23	38	27	36	28	27
14 ACQUIRED, POST ACT,	5B1B	9	7	12	17	23	21	22	32	23	32	29	1	12	12	18
15 TOTAL DEDICATED RESOURCES		33	35	35	40	51	49	47	55	46	55	67	28	48	40	44
NONDEDICATED RESOURCES																
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		33	35	35	40	51	49	47	55	46	55	67	28	48	40	44

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
COWLITZ COUNTY PUD #1																	
DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
REGULATED HYDRO																	
1	WANAPUM SHARE	5B1A	10	12	9	9	12	12	10	9	9	9	18	12	17	12	11
2	PRIEST RAPIDS SHARE	5B1A	8	10	8	8	10	10	9	8	8	8	14	9	13	10	9
3	SWIFT 1 SHARE	5B1B	7	6	9	13	17	15	16	23	17	24	22	1	9	9	13
4	SWIFT 2 SHARE	5B1B	2	1	3	4	6	6	6	9	6	8	7	0	3	3	5
5	TOTAL HYDRO		27	29	29	34	45	43	41	49	40	49	61	22	42	34	38
LARGE THERMAL																	
OTHER RESOURCES																	
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
6	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8	RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
9	TOTAL CONTRACTS OUT		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CONTRACTS IN																	
10	CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																	
13	ACQUIRED PRIOR TO ACT,	5B1A	19	23	18	18	23	23	20	18	18	18	33	22	31	23	22
14	ACQUIRED, POST ACT,	5B1B	9	7	12	17	23	21	22	32	23	32	29	1	12	12	18
15	TOTAL DEDICATED RESOURCES		29	31	31	36	47	45	43	51	42	51	63	24	44	36	40
NONDEDICATED RESOURCES																	
16	TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	TOTAL RESOURCES		29	31	31	36	47	45	43	51	42	51	63	24	44	36	40

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DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WELLS SHARE	5B1A	15	15	21	21	26	26	23	20	20	20	33	32	34	15	23
2 WELLS SHARE	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
3 ROCKY REACH SHARE	5B1A	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
4 TOTAL HYDRO		101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
5 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4	-4	-5
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5	-6
CONTRACTS IN																
10 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CHEL TO DOUG,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES																
14 ACQUIRED PRIOR TO ACT,	5B1A	27	26	29	30	38	38	33	28	28	29	53	50	51	30	35
15 ACQUIRED, POST ACT,	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
16 TOTAL DEDICATED RESOURCES		96	97	78	79	99	99	85	75	75	75	130	123	128	100	95
NONDEDICATED RESOURCES																
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		96	97	78	79	99	99	85	75	75	75	130	123	128	100	95

TABLE D-9

DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WELLS SHARE	5B1A	15	15	21	21	26	26	23	20	20	20	33	32	34	15	23
2 WELLS SHARE	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
3 ROCKY REACH SHARE	5B1A	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
4 TOTAL HYDRO		101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
5 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6 CANADIAN ENTITL (CAN)	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
CONTRACTS IN																
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CHEL TO DOUG,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
14 ACQUIRED PRIOR TO ACT,	5B1A	18	17	20	21	29	29	24	19	19	19	43	40	41	20	26
15 ACQUIRED, POST ACT,	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
16 TOTAL DEDICATED RESOURCES		93	94	75	76	96	96	82	72	72	71	126	119	124	96	92
NONDEDICATED RESOURCES																
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		93	94	75	76	96	96	82	72	72	71	126	119	124	96	92

TABLE D-9

DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WELLS SHARE	5B1A	15	15	21	21	26	26	23	20	20	20	33	32	34	15	23
2 WELLS SHARE	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
3 ROCKY REACH SHARE	5B1A	17	16	13	14	17	17	15	13	13	13	23	22	21	18	16
4 TOTAL HYDRO		101	102	83	84	104	104	90	80	80	79	134	127	132	104	100
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
5 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CANADIAN ENTITL (CAN)	5B1A	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
CONTRACTS IN																
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CHEL TO DOUG,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
14 ACQUIRED PRIOR TO ACT,	5B1A	13	12	15	16	24	24	19	14	14	14	38	35	36	15	21
15 ACQUIRED, POST ACT,	5B1B	69	71	49	49	61	61	52	47	47	46	78	73	77	71	60
16 TOTAL DEDICATED RESOURCES		91	92	73	74	94	94	80	70	70	69	124	117	122	94	90
NONDEDICATED RESOURCES																
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		91	92	73	74	94	94	80	70	70	69	124	117	122	94	90

TABLE D-10

SHEET 1 OF 2

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 LEABURG	5B1A	7	6	5	7	7	13	10	13	13	11	11	10	7	6	9
2 WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
REGULATED HYDRO																
3 CARMEN-SMITH	5B1A	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
4 TRAIL BRIDGE	5B1A	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
5 WANAPUM DED SHARE	5B1A	7	8	7	7	8	8	7	7	7	7	12	8	12	9	8
6 PRIEST RAPIDS DED SHR	5B1A	6	7	6	6	7	7	6	6	6	6	9	7	9	7	7
7 TOTAL HYDRO		45	45	40	40	42	58	51	54	53	49	54	51	56	46	49
LARGE THERMAL																
OTHER RESOURCES																
8 NON-UTILITY GENERATION	5B1B	0	0	0	5	6	4	0	1	2	9	9	37	37	11	9
9 TOTAL OTHER RESOURCES		0	0	0	5	6	4	0	1	2	9	9	37	37	11	9
EXPORTS																
IMPORTS																
CONTRACTS OUT																
10 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN																
14 CSPE PURCHASE	5B1A	15	15	15	15	15	15	15	15	15	14	14	14	14	14	15
15 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL CONTRACTS IN		15	15	15	15	15	15	15	15	15	14	14	14	14	14	15
TOTAL DEDICATED RESOURCES																
17 ACQUIRED PRIOR TO ACT,	5B1A	60	60	55	55	57	73	66	69	68	63	68	65	70	60	64
18 ACQUIRED, POST ACT,	5B1B	0	0	0	5	6	4	0	1	2	9	9	37	37	11	9
19 TOTAL DEDICATED RESOURCES		60	60	55	60	63	77	66	70	70	72	77	102	107	71	73

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
20 M HYDRO, WANAPUM SHARE	1	2	1	1	2	2	2	1	1	1	3	2	3	2	2
21 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
22 COGEN, WEYCO ENERGY CTR	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
25 TOTAL RESOURCES	78	78	73	78	81	88	84	88	88	90	96	120	126	82	90

TABLE D-10

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 LEABURG	5B1A	7	6	5	7	8	13	10	13	13	11	11	10	7	6	9
2 WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
REGULATED HYDRO																
3 CARMEN-SMITH	5B1A	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
4 TRAIL BRIDGE	5B1A	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
5 WANAPUM DED SHARE	5B1A	7	8	7	7	8	8	7	7	7	7	12	8	12	9	8
6 PRIEST RAPIDS DED SHR	5B1A	6	7	6	6	7	7	6	6	6	6	9	7	9	7	7
7 TOTAL HYDRO		45	45	40	40	43	58	51	54	53	49	54	51	56	46	49
LARGE THERMAL																
OTHER RESOURCES																
8 NON-UTILITY GENERATION	5B1B	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
9 TOTAL OTHER RESOURCES		57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
EXPORTS																
IMPORTS																
CONTRACTS OUT																
10 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN																
14 CSPE PURCHASE	5B1A	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
15 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL CONTRACTS IN		6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
TOTAL DEDICATED RESOURCES																
17 ACQUIRED PRIOR TO ACT,	5B1A	51	51	46	46	49	64	57	60	59	54	59	56	61	51	55
18 ACQUIRED, POST ACT,	5B1B	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
19 TOTAL DEDICATED RESOURCES		108	108	103	109	113	129	118	122	122	123	128	150	155	119	123

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
20 M HYDRO, WANAPUM SHARE	1	2	1	1	2	2	2	1	1	1	3	2	3	2	2
21 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
22 COGEN, WEYCO ENERGY CTR	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
25 TOTAL RESOURCES	126	126	121	127	131	140	136	140	140	141	147	168	174	130	140

TABLE D-10

SHEET 1 OF 2

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	LEABURG	5B1A	7	6	5	7	8	13	10	13	13	11	11	10	7	6	9
2	WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	5	4	7	6	4	6
REGULATED HYDRO																	
3	CARMEN-SMITH	5B1A	17	16	16	14	13	17	17	17	17	17	13	15	17	16	16
4	TRAIL BRIDGE	5B1A	4	4	4	3	3	4	4	4	4	4	4	4	4	3	4
5	WANAPUM DED SHARE	5B1A	7	8	7	7	8	8	7	7	7	7	12	8	12	9	8
6	PRIEST RAPIDS DED SHR	5B1A	6	7	6	6	7	7	6	6	6	6	9	7	9	7	7
7	TOTAL HYDRO		45	45	40	40	43	58	51	54	53	49	54	51	56	46	49
LARGE THERMAL																	
OTHER RESOURCES																	
8	NON-UTILITY GENERATION	5B1B	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
9	TOTAL OTHER RESOURCES		57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
10	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
12	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN																	
14	CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																	
17	ACQUIRED PRIOR TO ACT,	5B1A	44	44	39	39	42	57	50	53	52	48	53	50	55	45	48
18	ACQUIRED, POST ACT,	5B1B	57	57	57	63	64	65	61	62	63	69	69	94	94	68	68
19	TOTAL DEDICATED RESOURCES		101	101	96	102	106	122	111	115	115	117	122	144	149	113	116

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
20 M HYDRO, WANAPUM SHARE	1	2	1	1	2	2	2	1	1	1	3	2	3	2	2
21 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1
22 COGEN, WEYCO ENERGY CTR	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	18	18	18	18	18	11	18	18	18	18	19	18	19	11	17
25 TOTAL RESOURCES	119	119	114	120	124	133	129	133	133	135	141	162	168	124	133

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GRANT COUNTY PUD #2																	
DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
REGULATED HYDRO																	
1	WANAPUM SHARE	5B1A	61	73	63	64	82	81	70	61	61	61	121	79	115	77	76
2	WANAPUM SHARE	5B1B	57	69	49	50	65	64	55	48	48	48	95	62	90	73	62
3	PRIEST RAPIDS SHARE	5B1A	69	82	79	79	97	97	86	77	77	77	132	91	128	85	90
4	PRIEST RAPIDS DED SHR	5B1B	65	78	53	53	65	64	57	51	51	51	88	60	86	80	63
5	TOTAL HYDRO		252	302	244	246	309	306	268	237	237	237	436	292	419	315	291
LARGE THERMAL																	
OTHER RESOURCES																	
6	NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																	
IMPORTS																	
CONTRACTS OUT																	
8	CANADIAN ENTIT (CSPE)	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
9	CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
11	CNT OUT, GRT TO PP&L,PS	5B1B	-13	-13	-10	-8	-7	-8	-9	-7	-8	-10	-10	-13	-14	-14	-10
12	TOTAL CONTRACTS OUT		-22	-22	-19	-17	-16	-17	-18	-16	-17	-19	-19	-22	-23	-23	-19
CONTRACTS IN																	
13	CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES																	
16	ACQUIRED PRIOR TO ACT,	5B1A	122	147	134	135	171	170	148	130	130	130	245	162	235	154	158
17	ACQUIRED, POST ACT,	5B1B	109	134	92	95	123	120	103	92	91	89	173	109	162	139	115
18	TOTAL DEDICATED RESOURCES		231	281	226	230	294	290	251	222	221	219	418	271	397	293	273

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
19 M HYDRO, WANAPUM SHARE	13	16	13	12	16	16	14	13	13	12	23	15	23	17	15
20 M HYDRO, PRIEST RAPIDS	15	17	14	15	19	18	16	14	14	14	25	17	23	18	17
21 NON-UTIITY GENERATION	12	12	7	5	0	0	0	0	1	11	11	14	15	14	7
21 TOTAL NONDEDICATED RES	40	45	34	32	35	34	30	27	28	37	59	46	61	49	39
22 TOTAL RESOURCES	271	326	260	262	329	324	281	249	249	256	477	317	458	342	311

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GRANT COUNTY PUD #2 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WANAPUM SHARE	5B1A	61	73	63	64	82	81	70	61	61	61	121	79	115	77	76
2 WANAPUM SHARE	5B1B	57	69	49	50	65	64	55	48	48	48	95	62	90	73	62
3 PRIEST RAPIDS SHARE	5B1A	69	82	79	79	97	97	86	77	77	77	132	91	128	85	90
4 PRIEST RAPIDS DED SHR	5B1B	65	78	53	53	65	64	57	51	51	51	88	60	86	80	63
5 TOTAL HYDRO		252	302	244	246	309	306	268	237	237	237	436	292	419	315	291
LARGE THERMAL																
OTHER RESOURCES																
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																
IMPORTS																
CONTRACTS OUT																
8 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 CANADIAN ENTITL (CAN)	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
10 RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
11 CNT OUT, GRT TO PP&L,PS	5B1B	-13	-13	-10	-8	-7	-8	-9	-7	-8	-10	-10	-13	-14	-14	-10
12 TOTAL CONTRACTS OUT		-29	-29	-26	-24	-23	-24	-25	-23	-24	-26	-26	-29	-30	-30	-26
CONTRACTS IN																
13 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
TOTAL DEDICATED RESOURCES																
16 ACQUIRED PRIOR TO ACT,	5B1A	104	129	116	117	153	152	130	112	112	113	228	145	218	137	140
17 ACQUIRED, POST ACT,	5B1B	109	134	92	95	123	120	103	92	91	89	173	109	162	139	115
18 TOTAL DEDICATED RESOURCES		223	273	218	222	286	282	243	214	213	212	411	264	390	286	265

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
19 M HYDRO, WANAPUM SHARE	13	16	13	12	16	16	14	13	13	12	23	15	23	17	15
20 M HYDRO, PRIEST RAPIDS	15	17	14	15	19	18	16	14	14	14	25	17	23	18	17
21 NON-UTIITY GENERATION	12	12	7	5	0	0	0	0	1	10	11	14	15	14	7
21 TOTAL NONDEDICATED RES	40	45	34	32	35	34	30	27	28	36	59	46	61	49	39
22 TOTAL RESOURCES	263	318	252	254	321	316	273	241	241	248	470	310	451	335	304

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
GRANT COUNTY PUD #2 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
REGULATED HYDRO																
1 WANAPUM SHARE	5B1A	61	73	63	64	82	81	70	61	61	61	121	79	115	77	76
2 WANAPUM SHARE	5B1B	57	69	49	50	65	64	55	48	48	48	95	62	90	73	62
3 PRIEST RAPIDS SHARE	5B1A	69	82	79	79	97	97	86	77	77	77	132	91	128	85	90
4 PRIEST RAPIDS DED SHR	5B1B	65	78	53	53	65	64	57	51	51	51	88	60	86	80	63
5 TOTAL HYDRO		252	302	244	246	309	306	268	237	237	237	436	292	419	315	291
LARGE THERMAL																
OTHER RESOURCES																
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																
IMPORTS																
CONTRACTS OUT																
8 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CANADIAN ENTITL (CAN)	5B1A	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
10 RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
11 CNT OUT, GRT TO PP&L,PS	5B1B	-13	-13	-10	-8	-7	-8	-9	-7	-8	-10	-10	-13	-14	-14	-10
12 TOTAL CONTRACTS OUT		-34	-34	-31	-29	-28	-29	-30	-28	-29	-31	-31	-34	-35	-35	-31
CONTRACTS IN																
13 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
16 ACQUIRED PRIOR TO ACT,	5B1A	91	116	103	104	140	139	117	99	99	99	214	131	204	123	127
17 ACQUIRED, POST ACT,	5B1B	109	134	92	95	123	120	103	92	91	89	173	109	162	139	115
18 TOTAL DEDICATED RESOURCES		218	268	213	217	281	277	238	209	208	206	405	258	384	280	260

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
19 M HYDRO, WANAPUM SHARE	13	16	13	12	16	16	14	13	13	12	23	15	23	17	15
20 M HYDRO, PRIEST RAPIDS	15	17	14	15	19	18	16	14	14	14	25	17	23	18	17
21 NON-UTIITY GENERATION	12	12	7	5	0	0	0	0	1	11	11	14	14	14	6
21 TOTAL NONDEDICATED RES	40	45	34	32	35	34	30	27	28	37	59	46	60	49	39
22 TOTAL RESOURCES	258	313	247	249	316	311	268	236	236	243	464	304	444	329	298

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 CALISPEL CREEK	5B1A	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
REGULATED HYDRO																
2 BOX CANYON DED SHARE	5B1A	19	0	8	25	18	17	13	22	20	28	39	40	25	7	19
3 TOTAL HYDRO		19	0	9	25	18	18	13	22	21	28	39	41	25	7	20
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-2	-2	-16	-16	-16	-12	-10	-12	-10	-14	-14	-16	-16	-4	-12
6 TOTAL CONTRACTS OUT		-2	-2	-16	-16	-16	-12	-10	-12	-10	-14	-14	-16	-16	-4	-12
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
8 TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	0	0	0	0	0	1
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	18	-1	-7	10	3	6	4	11	11	13	24	25	9	3	8
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		18	-1	-7	10	3	6	4	11	11	13	24	25	9	3	8
NONDEDICATED RESOURCES																
12 RHYD: BOX CANYON AF ENC.PD		35	33	35	35	35	35	35	35	35	35	35	35	35	35	34
13 C.I.: SCL TO PEND O ,PWR SA		28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
14 C.I.: WWP TO PEND O ,PWR SA		9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
15 TOTAL NONDEDICATED RES		71	69	71	71	71	71	71	71	71	71	71	71	71	71	71
16 TOTAL RESOURCES		88	68	64	80	73	77	74	82	82	84	95	95	79	73	79

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 CALISPEL CREEK	5B1A	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
REGULATED HYDRO																
2 BOX CANYON DED SHARE	5B1A	19	0	8	25	18	17	13	22	20	28	39	40	25	7	19
3 TOTAL HYDRO		19	0	9	25	18	18	13	22	21	28	39	41	25	7	20
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-2	-2	-16	-16	-16	-12	-10	-12	-10	-14	-14	-16	-16	-4	-12
6 TOTAL CONTRACTS OUT		-2	-2	-16	-16	-16	-12	-10	-12	-10	-14	-14	-16	-16	-4	-12
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	17	-2	-8	9	2	5	3	10	10	13	24	25	9	3	8
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		17	-2	-8	9	2	5	3	10	10	13	24	25	9	3	8
NONDEDICATED RESOURCES																
12 RHYD: BOX CANYON AF ENC.PD		35	33	35	35	35	35	35	35	35	35	35	35	35	35	34
13 C.I.: SCL TO PEND O ,PWR SA		28	28	28	28	28	28	28	28	28	28	28	28	28	28	27
14 C.I.: WWP TO PEND O ,PWR SA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL NONDEDICATED RES		62	61	62	62	62	62	62	62	62	62	62	62	62	62	62
16 TOTAL RESOURCES		79	59	55	71	64	67	65	72	72	75	86	87	71	65	70

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 CALISPEL CREEK	5B1A	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
REGULATED HYDRO																
2 BOX CANYON DED SHARE	5B1A	22	2	11	28	21	20	16	25	23	31	42	43	28	10	23
3 TOTAL HYDRO		22	2	12	28	21	21	16	25	24	31	42	44	28	10	23
LARGE THERMAL																
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-2	-2	-12	-12	-12	-9	-7	-9	-8	-11	-11	-12	-12	-3	-9
6 TOTAL CONTRACTS OUT		-2	-2	-12	-12	-12	-9	-7	-9	-8	-11	-11	-12	-12	-3	-9
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	21	1	0	16	9	12	9	16	16	20	31	32	16	7	14
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		21	1	0	16	9	12	9	16	16	20	31	32	16	7	14
NONDEDICATED RESOURCES																
12 RHYD: BOX CANYON AF ENC.PD		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
13 C.I.: SCL TO PEND O ,PWR SA		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
14 C.I.: WWP TO PEND O ,PWR SA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL NONDEDICATED RES		62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
16 TOTAL RESOURCES		83	63	62	78	71	74	71	78	78	82	93	94	78	69	76

TABLE D-13

SHEET 1 OF 2

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SEATTLE CITY LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 CEDAR FALLS,NEWHALEM	5B1A	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
2 SOUTH FORK TOLT	5B1B	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
REGULATED HYDRO																
3 ROSS	5B1A	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
4 DIABLO	5B1A	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
5 GORGE	5B1A	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
6 BOUNDARY	5B1A	168	142	242	356	398	219	285	263	328	432	503	414	597	262	332
7 BOUNDARY EXPANSION	5B1B	183	91	27	45	-52	119	18	114	31	-2	110	168	-183	15	41
8 PRIEST RADIPS SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
9 TOTAL HYDRO		519	419	414	658	623	619	632	704	656	665	881	765	764	592	639
LARGE THERMAL																
10 CENTRALIA SHARE	5B1A	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
11 TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
OTHER RESOURCES																
12 NON-UTILITY GENERATION		121	121	76	28	4	5	10	12	28	88	88	134	141	138	65
EXPORTS																
IMPORTS																
13 BC TO SCL,ROSS RPLC	5B1B	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
14 TOTAL IMPORTS		18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
CONTRACTS OUT																
15 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SCL TO PEND O, PS	5B1A	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-27
18 RESTORATION	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19 TOTAL CONTRACTS OUT		-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-26

TABLE D-13 (CONTINUED)

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
20 CSPE PURCHASE	5B1A	33	33	33	33	33	33	33	33	33	32	32	32	32	32	33
21 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PEND O TO SCL,PWR SALE	5B1A	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
23 TOTAL CONTRACTS IN		35	35	49	49	49	45	43	45	43	46	46	48	48	36	45
TOTAL DEDICATED RESOURCES																
24 ACQUIRED PRIOR TO ACT,	5B1A	439	432	507	734	801	618	730	707	740	747	838	712	1064	681	710
25 ACQUIRED, POST ACT,	5B1B	331	239	122	97	-13	173	91	198	124	118	230	334	2	186	148
26 TOTAL DEDICATED RESOURCES		770	670	629	832	789	792	820	905	865	866	1068	1047	1067	868	858
NONDEDICATED RESOURCES																
27 SM THRM & MISC, BOUNDARY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 IMP: PG&E TO SCL, EXCHANGE		35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
29 EXP: SCL TO NCPA, EXCHANGE		-19	-19	-30	-14	0	0	0	0	0	0	0	0	-30	-30	-10
29 EXP: SCL TO PG&E, EXCHANGE		-35	-35	-35	-35	0	0	0	0	0	0	0	0	-35	-35	-15
30 C.O.: SCL TO ID, NRG SALE		-54	-54	-16	0	0	0	0	0	0	0	0	0	0	-100	-14
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	-50	0	0	0	0	0	0	0	0	0	0	-4
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	25	50	50	50	0	0	0	0	0	0	15
33 C.I.: TCL TO SCL, EXCHANGE		50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
34 TOTAL NONDEDICATED RES		-23	-23	-46	-64	49	80	80	80	30	6	6	0	-30	-130	3
35 TOTAL RESOURCES		748	648	584	768	838	872	900	985	895	872	1074	1047	1037	738	861

TABLE D-13

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SEATTLE CITY LIGHT DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	CEDAR FALLS,NEWHALEM	5B1A	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
2	SOUTH FORK TOLT	5B1B	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
REGULATED HYDRO																	
3	ROSS	5B1A	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
4	DIABLO	5B1A	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
5	GORGE	5B1A	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
6	BOUNDARY	5B1A	168	142	242	356	398	219	285	263	328	432	503	414	597	262	332
7	BOUNDARY EXPANSION	5B1B	183	91	27	45	-52	119	18	114	31	-2	110	168	-183	15	41
8	PRIEST RADIPS SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
9	TOTAL HYDRO		519	419	414	658	623	619	632	704	656	665	881	765	764	592	639
LARGE THERMAL																	
10	CENTRALIA SHARE	5B1A	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
11	TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
OTHER RESOURCES																	
12	NON-UTILITY GENERATION		120	121	76	28	4	5	10	12	27	88	88	134	141	138	65
EXPORTS																	
IMPORTS																	
13	BC TO SCL,ROSS RPLC	5B1B	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
14	TOTAL IMPORTS		18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
CONTRACTS OUT																	
15	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
17	SCL TO PEND O, PS	5B1A	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-27
18	RESTORATION	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	TOTAL CONTRACTS OUT		-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-27	-26

TABLE D-13 (CONTINUED)

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
20 CSPE PURCHASE	5B1A	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
21 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PEND O TO SCL,PWR SALE	5B1A	2	2	16	16	16	12	10	12	10	14	14	16	16	4	12
23 TOTAL CONTRACTS IN		15	15	29	29	29	25	23	25	23	26	26	28	28	16	25
TOTAL DEDICATED RESOURCES																
24 ACQUIRED PRIOR TO ACT,	5B1A	419	412	487	714	781	598	710	687	720	765	838	677	1044	661	691
25 ACQUIRED, POST ACT,	5B1B	330	239	122	97	-13	173	91	198	123	118	230	334	2	186	148
26 TOTAL DEDICATED RESOURCES		749	650	609	812	769	772	800	885	844	884	1068	1012	1047	848	839
NONDEDICATED RESOURCES																
27 SM THRM & MISC, BOUNDARY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 IMP: PG&E TO SCL, EXCHANGE		35	35	35	35	0	0	0	0	0	0	0	0	35	35	15
29 EXP: SCL TO NCPA, EXCHANGE		-19	-19	-30	-14	0	0	0	0	0	0	0	0	-30	-30	-10
29 EXP: SCL TO PG&E, EXCHANGE		-35	-35	-35	-35	0	0	0	0	0	0	0	0	-35	-35	-15
30 C.O.: SCL TO ID, NRG SALE		-54	-54	-16	0	0	0	0	0	0	0	0	0	0	-100	-14
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	-50	0	0	0	0	0	0	0	0	0	0	-4
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	25	50	50	50	0	0	0	0	0	0	15
33 C.I.: TCL TO SCL, EXCHANGE		50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
34 TOTAL NONDEDICATED RES		-23	-23	-46	-64	49	80	80	80	30	6	6	0	-30	-130	3
35 TOTAL RESOURCES		727	628	564	748	818	852	880	965	874	890	1074	1012	1017	718	842

TABLE D-13

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SEATTLE CITY LIGHT																	
DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	CEDAR FALLS,NEWHALEM	5B1A	6	6	5	9	7	2	10	29	12	9	9	7	4	3	9
2	SOUTH FORK TOLT	5B1B	9	9	6	5	0	4	5	5	5	5	5	6	8	9	6
REGULATED HYDRO																	
3	ROSS	5B1A	22	33	28	71	79	77	89	72	69	45	52	33	85	74	63
4	DIABLO	5B1A	45	46	35	66	72	75	91	88	84	65	67	45	93	88	71
5	GORGE	5B1A	53	53	39	74	79	84	99	102	96	80	81	55	108	101	81
6	BOUNDARY	5B1A	168	142	242	356	398	219	285	263	328	432	503	414	597	262	332
7	BOUNDARY EXPANSION	5B1B	183	91	27	45	-52	119	18	114	31	-2	110	168	-183	15	41
8	PRIEST RADIPS SHARE	5B1A	33	39	32	32	40	39	35	31	31	31	54	37	52	40	37
9	TOTAL HYDRO		519	419	414	658	623	619	632	704	656	665	881	765	764	592	639
LARGE THERMAL																	
10	CENTRALIA SHARE	5B1A	104	104	104	104	104	104	104	104	104	51	78	104	104	104	101
11	TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	51	78	104	104	104	101
OTHER RESOURCES																	
12	NON-UTILITY GENERATION		120	121	75	28	4	5	10	12	27	88	88	134	141	138	65
EXPORTS																	
IMPORTS																	
13	BC TO SCL,ROSS RPLC	5B1B	18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
14	TOTAL IMPORTS		18	18	13	19	35	45	58	67	60	27	27	26	36	24	36
CONTRACTS OUT																	
15	CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CANADIAN ENTITL (CAN)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
17	SCL TO PEND O, PS	5B1A	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31
18	RESTORATION	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
19	TOTAL CONTRACTS OUT		-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31	-31

TABLE D-13 (CONTINUED)

SHEET 2 OF 2

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
CONTRACTS IN																
20 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PEND O TO SCL,PWR SALE	5B1A	2	2	12	12	12	9	7	9	8	11	11	12	12	3	9
23 TOTAL CONTRACTS IN		2	2	12	12	12	9	7	9	8	11	11	12	12	3	9
TOTAL DEDICATED RESOURCES																
24 ACQUIRED PRIOR TO ACT,	5B1A	401	394	466	693	760	578	690	666	700	692	824	676	1024	644	671
25 ACQUIRED, POST ACT,	5B1B	330	239	121	97	-13	173	91	198	123	118	230	334	2	186	148
26 TOTAL DEDICATED RESOURCES		731	632	587	790	747	751	780	865	824	811	1054	1010	1026	830	819
NONDEDICATED RESOURCES																
27 SM THRM & MISC, BOUNDARY		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	24	30	30	30	30	6	6	0	0	0	12
28 IMP: PG&E TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 EXP: SCL TO NCPA, EXCHANGE		-19	-19	-30	-15	0	0	0	0	0	0	0	0	-30	-30	-10
29 EXP: SCL TO PG&E, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 C.O.: SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 C.I.: TCL TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL NONDEDICATED RES		-19	-19	-30	-15	24	30	30	30	30	6	6	0	-30	-30	2
35 TOTAL RESOURCES		712	613	557	775	771	781	810	895	854	817	1060	1010	996	800	821

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 JACKSON	5B1B	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
REGULATED HYDRO																
TOTAL HYDRO		18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
LARGE THERMAL																
2 CENTRALIA SHARE	5B1B	103	103	103	103	103	103	103	103	103	66	52	100	103	103	99
3 TOTAL LARGE THERMAL		103	103	103	103	103	103	103	103	103	66	52	100	103	103	99
OTHER RESOURCES																
4 NON-UTILITY GEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SCOTT PAPER, COGEN	5B1B	0	0	0	0	0	0	27	27	27	38	38	38	38	38	19
6 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																
IMPORTS																
CONTRACTS OUT																
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8 TOTAL CONTRACTS IN		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10 ACQUIRED, POST ACT,	5B1B	121	121	124	125	122	128	132	196	142	117	103	135	140	124	133
11 TOTAL DEDICATED RESOURCES		125	125	128	129	126	132	136	200	146	121	107	139	144	128	137
NONDEDICATED RESOURCES																
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
14 EXP: SNOH TO SMUD, PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGEN, SCOTT PAPER		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL NONDEDICATED RES		-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
17 TOTAL RESOURCES		122	122	124	125	121	125	129	194	140	116	102	135	140	125	132

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 JACKSON	5B1B	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
REGULATED HYDRO																
TOTAL HYDRO		18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
LARGE THERMAL																
2 CENTRALIA SHARE	5B1B	103	103	103	103	103	103	103	103	103	103	72	85	103	103	100
3 TOTAL LARGE THERMAL		103	103	103	103	103	103	103	103	103	103	72	85	103	103	100
OTHER RESOURCES																
4 NON-UTILITY GEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SCOTT PAPER, COGEN	5B1B	2	2	-9	1	1	1	1	1	1	12	12	12	5	5	3
6 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																
IMPORTS																
CONTRACTS OUT																
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8 TOTAL CONTRACTS IN		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10 ACQUIRED, POST ACT,	5B1B	121	121	124	125	122	128	132	196	142	154	123	120	140	124	135
11 TOTAL DEDICATED RESOURCES		123	123	126	127	124	130	134	198	144	156	125	122	142	126	137
NONDEDICATED RESOURCES																
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
14 EXP: SNOH TO SMUD, PS		-36	-36	-36	-26	-26	-26	-26	-26	-26	-26	-26	-26	-33	-33	-29
15 COGEN, SCOTT PAPER		36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
16 TOTAL NONDEDICATED RES		-4	-4	-4	-4	-6	-8	-7	-6	-6	-5	-5	-4	-4	-3	-5
17 TOTAL RESOURCES		120	120	122	123	119	123	127	192	138	151	120	118	138	123	132

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 JACKSON	5B1B	18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
REGULATED HYDRO																
TOTAL HYDRO		18	18	21	22	19	25	29	93	39	51	51	35	37	21	34
LARGE THERMAL																
2 CENTRALIA SHARE	5B1B	103	103	103	103	103	103	103	103	103	52	79	103	103	103	100
3 TOTAL LARGE THERMAL		103	103	103	103	103	103	103	103	103	52	79	103	103	103	100
OTHER RESOURCES																
4 NON-UTILITY GEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SCOTT PAPER, COGEN	5B1B	2	2	-9	1	1	1	1	1	1	12	12	12	5	5	3
6 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS																
IMPORTS																
CONTRACTS OUT																
CONTRACTS IN																
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
9 ACQUIRED PRIOR TO ACT,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 ACQUIRED, POST ACT,	5B1B	121	121	124	125	122	128	132	196	142	103	130	138	140	124	134
11 TOTAL DEDICATED RESOURCES		121	121	124	125	122	128	132	196	142	103	130	138	140	124	134
NONDEDICATED RESOURCES																
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 EXP: SNOH TO SMUD, PS		-36	-36	-36	-26	-26	-26	-26	-26	-26	-26	-26	-26	-33	-33	-29
15 COGEN, SCOTT PAPER		36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		121	121	124	125	122	128	132	196	142	103	130	138	140	124	134

TABLE D-15

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 WYNOCHEE	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
REGULATED HYDRO																
2 CUSHMAN 1	5B1A	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
3 CUSHMAN 2	5B1A	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
4 ALDER	5B1A	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
5 LA GRANDE	5B1A	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
6 MOSSYROCK	5B1A	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
7 MAYFIELD	5B1A	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
8 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PRIEST RAPIDS SHARE	5B1A	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10 TOTAL HYDRO		159	168	220	248	251	339	412	394	281	247	279	229	246	192	270
LARGE THERMAL																
11 CENTRALIA SHARE	5B1B	104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
12 TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	66	52	100	104	104	100
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
13 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN																
16 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	18
17 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		19	19	19	19	19	19	19	19	19	19	19	19	19	19	18
TOTAL DEDICATED RESOURCES																
20 ACQUIRED PRIOR TO ACT,	5B1A	158	167	219	247	250	338	411	393	280	246	278	228	245	191	269
21 ACQUIRED, POST ACT,	5B1B	127	127	127	127	127	127	127	127	127	89	75	123	127	127	122
22 TOTAL DEDICATED RESOURCES		281	290	342	370	373	461	534	516	403	331	349	347	368	314	387

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-69	-67	-40	-29	-20	-23	-32	-41	-41	-41	-41	-41	-40
25 C.O.: TCL TO SCL, EXCHANGE	-50	-50	0	0	0	0	0	0	0	0	0	0	0	0	-4
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
27 COGEN, STEAM PLANT 2	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
28. CSPE PURCHASE	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14
29 TOTAL NONDEDICATED RES	-54	-54	-32	22	-2	10	19	16	7	-4	-4	-27	-16	-5	-5
30 TOTAL RESOURCES	227	236	310	391	371	470	552	531	409	327	345	320	352	309	382

TABLE D-15

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 WYNOCHEE	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
REGULATED HYDRO																
2 CUSHMAN 1	5B1A	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
3 CUSHMAN 2	5B1A	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
4 ALDER	5B1A	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
5 LA GRANDE	5B1A	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
6 MOSSYROCK	5B1A	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
7 MAYFIELD	5B1A	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
8 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PRIEST RAPIDS SHARE	5B1A	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10 TOTAL HYDRO		159	168	220	248	251	339	412	394	281	247	279	229	246	192	270
LARGE THERMAL																
11 CENTRALIA SHARE	5B1B	104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
12 TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	104	72	85	104	104	101
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
13 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
15 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN																
16 CSPE PURCHASE	5B1B	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
17 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
TOTAL DEDICATED RESOURCES																
20 ACQUIRED PRIOR TO ACT,	5B1A	158	167	219	247	250	338	411	393	280	246	278	228	245	191	269
21 ACQUIRED, POST ACT,	5B1B	121	121	121	121	121	121	121	121	121	120	88	101	120	120	118
22 TOTAL DEDICATED RESOURCES		275	284	336	364	367	455	528	510	397	362	362	325	361	307	383

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-69	-67	-41	-29	-20	-23	-32	-41	-41	-41	-41	-41	-40
25 C.O.: TCL TO SCL, EXCHANGE	-50	-50	0	0	0	0	0	0	0	0	0	0	0	0	-4
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	50	0	0	0	0	0	0	0	0	0	0	4
27 COGEN, STEAM PLANT 2	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
28 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL NONDEDICATED RES	-68	-68	-46	7	-17	-5	4	1	-8	-17	-17	-40	-29	-18	-20
30 TOTAL RESOURCES	207	216	290	371	350	450	532	511	389	345	345	285	332	289	363

TABLE D-15

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 WYNOCHEE	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
REGULATED HYDRO																
2 CUSHMAN 1	5B1A	2	5	14	12	10	5	27	2	9	2	3	7	4	2	8
3 CUSHMAN 2	5B1A	0	5	21	18	16	7	49	0	15	0	1	9	3	0	12
4 ALDER	5B1A	19	16	13	14	13	19	26	19	20	21	25	21	19	18	19
5 LA GRANDE	5B1A	29	25	19	21	21	32	45	32	32	32	39	32	30	28	30
6 MOSSYROCK	5B1A	48	49	76	92	91	138	129	167	90	85	84	64	79	59	93
7 MAYFIELD	5B1A	25	25	41	55	56	95	97	139	80	72	69	55	55	41	67
8 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PRIEST RAPIDS SHARE	5B1A	32	39	32	32	40	39	35	31	31	31	54	37	52	40	37
10 TOTAL HYDRO		159	168	220	248	251	339	412	394	281	247	279	229	246	192	270
LARGE THERMAL																
11 CENTRALIA SHARE	5B1B	104	104	104	104	104	104	104	104	104	52	78	104	104	104	101
12 TOTAL LARGE THERMAL		104	104	104	104	104	104	104	104	104	52	78	104	104	104	101
OTHER RESOURCES																
EXPORTS																
IMPORTS																
CONTRACTS OUT																
13 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CANADIAN ENTITL (CAN)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
15 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN																
16 CSPE PURCHASE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES																
20 ACQUIRED PRIOR TO ACT,	5B1A	157	166	218	246	249	337	410	392	279	245	277	227	244	190	268
21 ACQUIRED, POST ACT,	5B1B	108	108	108	108	108	108	108	108	108	56	82	108	108	108	105
22 TOTAL DEDICATED RESOURCES		261	270	322	350	353	441	514	496	383	297	355	331	348	294	369

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-69	-67	-41	-29	0	0	0	0	0	0	0	0	-21
25 C.O.: TCL TO SCL, EXCHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COGEN, STEAM PLANT 2	23	23	23	23	23	23	23	23	23	23	23	0	11	23	20
28 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL NONDEDICATED RES	-18	-18	-46	-43	-17	-5	24	24	24	24	24	1	12	23	0
30 TOTAL RESOURCES	243	252	276	307	336	436	538	520	407	321	379	332	360	317	369

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	GEM STATE HYDRO	CIDFL 5B1B	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
2	ISLAND PARK	FLRV 5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	MILL CREEK	LEWIS 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	MORSE CREEK	PRT ANGLS 5B1B	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
5	MOYIE SPRINGS	BONNFY 5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	REEDER GULCH	ASHLND 5B1B	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7	SODA CREEK	SODA SPR 5B1B	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
8	YELM	CENTRAL 5B1A	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
9	STRAWBERRY	LOW VAL 5B1A	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
REGULATED HYDRO																	
10	WELLS OKANOGAN SHARE	5B1A	5	5	5	5	7	7	6	5	5	5	9	8	9	5	6
11	WELLS OKANOGAN SHARE	5B1B	24	25	19	19	24	24	20	18	19	18	30	29	30	25	23
12	WANAPUM F GROVE SHARE	5B1A	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
13	WANAPUM MCMINN SHARE	5B1A	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
14	WANAPUM M FREE SHARE	5B1A	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
15	PRIEST R. F GROVE SHR	5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
16	PRIEST R. MCMINN SHARE	5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
17	PRIEST R. M FREE SHARE	5B1A	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
18	PRIEST R. KITATS SHARE	5B1A	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
19	TOTAL HYDRO		75	81	66	70	78	83	75	68	72	75	103	92	99	82	79
LARGE THERMAL																	
57	LG THM, CENTRALIA GH	5B1B	52	52	52	52	52	52	52	52	52	33	26	50	52	52	50
23	TOTAL LARGE THERMAL		52	52	52	52	52	52	52	52	52	33	26	50	52	52	50
OTHER RESOURCES																	
20	C.T., COGENTRIX	CLRK 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	RENEW, SHORT MT	EMRLD 5B1B	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
22	NON-UTILITY GEN	5B1B	8	8	8	8	8	8	14	14	15	16	15	17	18	16	13
23	TOTAL OTHER RESOURCES		10	10	10	10	10	10	17	17	18	19	18	20	21	19	15
EXPORTS																	
24	CIDFL TO UTAH,GEM ST HY	5B1B	-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4
25	TOTAL EXPORTS		-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS																
CONTRACTS OUT																
CANADIAN ENTITLEMENT RETURN FOR CSPE																
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE																
33 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CANADIAN ENTITLEMENT RETURN TO CANADA																
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN																
45 CSPE PURCHSE	5B1A	36	36	36	36	36	36	36	36	36	35	35	35	35	35	36
46 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 BPA TO CLK,PKWD LAKE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 IDA TO OR TRAIL, SALE	5B1B	7	7	11	11	11	3	3	11	11	11	11	11	8	0	8
50 PSPL TO GHBR, CEN XCHG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 TOTAL CONTRACTS IN		44	44	47	47	47	40	40	47	47	46	46	46	44	36	44
TOTAL DEDICATED RESOURCES																
52 ACQUIRED PRIOR TO ACT,	5B1A	67	72	67	71	74	77	72	68	69	68	84	75	82	68	72
53 ACQUIRED, POST ACT,	5B1B	98	99	107	107	112	107	111	116	120	105	108	132	116	101	111
54 TOTAL DEDICATED RESOURCES		165	171	174	178	186	184	183	183	188	172	192	207	198	169	183

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

1995-96 OPERATING YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
55 IHYD: THE DALLES FSH NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
56 IHYD: MCNARY FISHWAY NWSCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 C.O.: N WASCO TO PSP&L	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	0	0	-1	-1	-1	-1	0	0	0	0	0	0
63 C.O.: LCPD TO PSPL, SP	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1
64 TOTAL NONDEDICATED RES	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
65 TOTAL RESOURCES	164	170	173	177	185	183	181	182	187	171	191	206	197	168	182

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1 GEM STATE HYDRO CIDFL	5B1B	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
2 ISLAND PARK FLRV	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3 MILL CREEK LEWIS	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 MORSE CREEK PRT ANGLS	5B1B	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
5 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6 REEDER GULCH ASHLND	5B1B	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7 SODA CREEK SODA SPR	5B1B	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
8 YELM CENTRAL	5B1A	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
9 STRAWBERRY LOW VAL	5B1A	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
REGULATED HYDRO																
10 WELLS OKANOGAN SHARE	5B1A	5	5	5	5	7	7	6	5	5	5	9	8	9	5	6
11 WELLS OKANOGAN SHARE	5B1B	24	25	19	19	24	24	20	18	19	18	30	29	30	25	23
12 WANAPUM F GROVE SHARE	5B1A	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
13 WANAPUM MCMINN SHARE	5B1A	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
14 WANAPUM M FREE SHARE	5B1A	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
15 PRIEST R. F GROVE SHR	5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
16 PRIEST R. MCMINN SHARE	5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
17 PRIEST R. M FREE SHARE	5B1A	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
18 PRIEST R. KITATS SHARE	5B1A	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
19 TOTAL HYDRO		75	81	66	70	78	83	75	68	73	75	103	92	99	82	79
LARGE THERMAL																
57 LG THM, CENTRALIA GH	5B1B	52	52	52	52	52	52	52	52	52	52	36	42	52	52	50
23 TOTAL LARGE THERMAL		52	52	52	52	52	52	52	52	52	52	36	42	52	52	50
OTHER RESOURCES																
20 C.T., COGENTRIX CLRK	5B1B	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
21 RENEW, SHORT MT EMRLD	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22 NON-UTILITY GEN	5B1B	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
23 TOTAL OTHER RESOURCES		250	250	250	248	248	249	248	249	250	251	249	251	252	251	250
EXPORTS																
24 CIDFL TO UTAH,GEM ST HY	5B1B	-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4
25 TOTAL EXPORTS		-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS																
CONTRACTS OUT																
CANADIAN ENTITLEMENT RETURN FOR CSPE																
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE																
33 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CANADIAN ENTITLEMENT RETURN TO CANADA																
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELLS OKANOG CER	5B1B	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
44 TOTAL CONTRACTS OUT		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
CONTRACTS IN																
45 CSPE PURCHSE	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
46 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 BPA TO CLK,PKWD LAKE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 IDA TO OR TRAIL, SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 PSPL TO GHBR, CEN XCHG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 TOTAL CONTRACTS IN		15	15	15	15	15	15	15	15	15	15	15	15	15	15	14
TOTAL DEDICATED RESOURCES																
52 ACQUIRED PRIOR TO ACT,	5B1A	45	50	45	49	52	55	50	46	47	47	63	54	61	47	50
53 ACQUIRED, POST ACT,	5B1B	328	329	335	333	338	341	337	334	340	342	337	343	337	330	336
54 TOTAL DEDICATED RESOURCES		373	379	379	381	389	395	387	380	386	389	400	397	398	377	387

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

1999- 0 OPERATING YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
55 IHYD: THE DALLES FSH NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
56 IHYD: MCNARY FISHWAY NWSCO	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
61 C.O.: N WASCO TO PSP&L	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	0	0	-1	-1	-1	-1	0	0	0	0	0	0
63 C.O.: LCPD TO PSPL, SP	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1
64 TOTAL NONDEDICATED RES	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
65 TOTAL RESOURCES	372	378	379	380	388	394	385	379	385	388	399	396	397	376	386

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES																	
HYDRO INDEPENDENTS																	
1	GEM STATE HYDRO	CIDFL	5B1B	15	15	11	10	11	12	12	11	15	19	19	18	17	19	14
2	ISLAND PARK	FLRV	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	MILL CREEK	LEWIS	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	MORSE CREEK PRT	ANGLS	5B1B	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
5	MOYIE SPRINGS	BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	REEDER GULCH	ASHLND	5B1B	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
7	SODA CREEK	SODA SPR	5B1B	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
8	YELM	CENTRAL	5B1A	9	9	6	10	10	10	10	10	10	10	10	10	10	8	9
9	STRAWBERRY	LOW VAL	5B1A	1	2	2	2	2	2	2	1	2	2	2	2	2	1	2
REGULATED HYDRO																	
10	WELLS OKANOGAN SHARE		5B1A	5	5	5	5	7	7	6	5	5	5	9	8	9	5	6
11	WELLS OKANOGAN SHARE		5B1B	24	25	19	19	24	24	20	18	19	18	30	29	30	25	23
12	WANAPUM F GROVE SHARE		5B1A	3	3	2	2	3	3	3	2	2	2	5	3	4	3	3
13	WANAPUM MCMINN SHARE		5B1A	2	3	3	3	3	3	3	2	2	2	5	3	4	3	3
14	WANAPUM M FREE SHARE		5B1A	2	3	3	3	3	3	2	3	3	3	4	3	4	3	3
15	PRIEST R. F GROVE SHR		5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
16	PRIEST R. MCMINN SHARE		5B1A	2	2	2	2	2	3	2	2	2	2	3	2	3	2	2
17	PRIEST R. M FREE SHARE		5B1A	2	3	2	2	2	3	2	2	2	2	3	3	3	2	2
18	PRIEST R. KITATS SHARE		5B1A	1	2	2	2	2	2	2	1	1	1	3	2	3	2	2
19	TOTAL HYDRO			75	81	66	70	78	83	75	68	73	75	103	92	99	82	79
LARGE THERMAL																	
57	LG THM, CENTRALIA GH		5B1B	52	52	52	52	52	52	52	52	52	26	39	52	52	52	50
23	TOTAL LARGE THERMAL			52	52	52	52	52	52	52	52	52	26	39	52	52	52	50
OTHER RESOURCES																	
20	C.T., COGENTRIX	CLRK	5B1B	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
21	RENEW, SHORT MT	EMRLD	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22	NON-UTILITY GEN		5B1B	44	44	44	42	42	43	42	43	44	45	43	45	46	45	44
23	TOTAL OTHER RESOURCES			250	250	250	248	248	249	248	249	250	251	249	251	252	251	250
EXPORTS																	
24	CIDFL TO UTAH,GEM ST HY		5B1B	-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4
25	TOTAL EXPORTS			-15	-15	0	0	0	0	0	0	0	0	0	0	-17	-19	-4

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
IMPORTS																	
CONTRACTS OUT																	
CANADIAN ENTITLEMENT RETURN FOR CSPE																	
26	PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE																	
33	WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN TO CANADA																	
35	PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	WELLS OKANOG CER	5B1A	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1
43	WELLS OKANOG CER	5B1B	-3	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-2
44	TOTAL CONTRACTS OUT		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
CONTRACTS IN																	
45	CSPE PURCHSE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	BPA TO CLK,PKWD LAKE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49	IDA TO OR TRAIL, SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	PSPL TO GHBR, CEN XCHG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL DEDICATED RESOURCES																	
52	ACQUIRED PRIOR TO ACT,	5B1A	31	36	31	35	38	41	36	32	33	33	49	40	47	33	36
53	ACQUIRED, POST ACT,	5B1B	328	329	335	333	338	341	337	335	340	317	340	353	337	330	336
54	TOTAL DEDICATED RESOURCES		359	365	365	367	375	381	373	366	372	349	389	393	384	363	373

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	
NONDEDICATED RESOURCES															
55 IHYD: THE DALLES FSH NWSCO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
56 IHYD: MCNARY FISHWAY NWSCO	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
61 C.O.: N WASCO TO PSP&L	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 C.O.: LCPD TO PSPL, SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 TOTAL NONDEDICATED RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 TOTAL RESOURCES	359	365	365	367	375	381	373	366	372	349	389	393	384	363	373

SECTION XII - LOADS AND RESOURCES TABLES OF THE NORTHWEST REGION BY MAJOR SUPPLY GROUPS

Monthly Capacity Analysis

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TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS															
1 SYSTEM FIRM LOADS	1/	24195	24195	23942	26712	28956	31132	32319	31189	29115	27498	27498	25807	25011	24747
2 EXPORTS	3/	3207	3207	3146	2200	1647	1675	1579	1544	1524	1515	1567	1892	3143	3197
3 FEDERAL DIVERSITY	4/	-1103	-1099	-1132	-1217	-1134	-854	-879	-856	-1131	-1058	-1057	-1124	-1139	-1068
4 FIRM LOADS		26299	26303	25955	27695	29469	31953	33019	31877	29508	27955	28008	26575	27015	26876
INTERRUPTIBLE LOADS															
5 REGIONAL INTER. LOADS	2/	352	352	345	335	379	309	404	778	806	763	763	768	773	768
6 TOTAL LOADS		26651	26655	26300	28030	29848	32261	33423	32655	30314	28719	28772	27343	27789	27645
HYDRO RESOURCES															
7 REGULATED HYDRO	5/	30620	30975	31239	31345	31528	31414	31444	31138	31045	30305	30250	29805	30208	30311
8 INDEPENDENT HYDRO	6/	1836	1799	1757	1730	1745	1723	1706	1829	1879	1908	1913	1800	1812	1800
9 MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUS. PKNG. ADJUSTMENT	8/	-4797	-5203	-6196	-6200	-4169	-3307	-6646	-6269	-6623	-2913	-1200	-1221	-3000	-2726
12 TOTAL HYDRO		27659	27571	26800	26875	29104	29830	26504	26698	26301	29300	30963	30384	29020	29385
OTHER RESOURCES															
13 SMALL THERMAL & MISC	9/	84	84	72	69	165	162	159	155	65	74	71	36	45	94
14 COMBUSTION TURBINES	10/	718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
15 RENEWABLES	11/	49	49	49	49	49	49	50	50	50	50	50	3	3	50
16 COGENERATION	12/	65	65	302	302	302	282	329	329	329	340	340	340	340	320
17 IMPORTS	13/	2262	2262	1710	1764	2116	2662	2634	2652	1930	1546	1428	1481	1988	2012
18 CENTRALIA		1343	1343	1343	1343	1343	1343	1343	1343	1343	672	671	1343	1343	1343
19 JIM BRIDGER		693	693	693	693	692	693	693	520	346	346	520	693	693	693
20 COLSTRIP 1 & 2		396	396	372	367	376	371	364	357	359	188	369	188	382	414
21 BOARDMAN		508	508	508	508	508	508	508	508	508	508	508	0	508	508
22 VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
23 COLSTRIP 3		561	561	545	541	548	544	540	535	536	548	543	547	552	574
24 WNP 2		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
25 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
26 FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NON-UTILITY GENERATION	15/	1389	1389	1292	1197	1153	1137	1139	1159	1195	1346	1344	902	1302	1458
28 TOTAL RESOURCES		37859	37771	36536	36558	39904	41129	37811	37854	35812	37768	37953	37063	37740	39701

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESERVES AND MAINTENANCE															
29 HYD, SM THRM & MISC RES	16/	-1736	-1752	-1769	-1768	-1816	-1807	-1810	-1802	-1762	-1735	-1705	-1651	-1714	-1735
30 LARGE THERMAL RESERVES	17/	-1031	-1031	-952	-990	-938	-1006	-992	-969	-918	-784	-662	-722	-855	-1032
31 BPA SPINNING RESERVES	18/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
32 DSI RESERVES	19/	711	711	712	729	737	735	753	757	755	754	754	753	751	747
33 HYDRO MAINTENANCE	20/	-4603	-4040	-3787	-3208	-2935	-2037	-1561	-2287	-2629	-2751	-2483	-2360	-2202	-3721
34 NET RESOURCES		30884	31336	30443	31021	34594	36615	33872	33229	30948	32869	33448	32676	33341	33582
SURPLUS/DEFICITS															
35 FIRM SURPLUS/DEFICIT		4585	5032	4487	3326	5125	4663	853	1351	1440	4913	5439	6100	6326	6706
36 TOTAL SURPLUS/DEFICIT		4233	4681	4143	2991	4746	4354	449	574	634	4150	4676	5333	5553	5937
37 EXTREME WEATHER ADJ.	21/	0	0	0	0	-3704	-3996	-4155	-3998	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.		4585	5032	4487	3326	1421	667	-3302	-2647	1440	4913	5439	6100	6326	6706
39 TOTAL S/D W/EXT WTHR. ADJ.		4233	4681	4143	2991	1042	358	-3706	-3424	634	4150	4676	5333	5553	5937

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS															
1 SYSTEM FIRM LOADS	1/	25670	25670	25453	28290	30505	32739	33814	32727	30593	28925	28925	27184	26368	26080
2 EXPORTS	3/	3107	3107	3051	2472	2121	2117	2123	2089	2070	2059	2111	2125	3126	3160
3 FEDERAL DIVERSITY	4/	-1042	-1035	-1067	-1160	-1107	-834	-858	-839	-1094	-1020	-1030	-1082	-1087	-1048
4 FIRM LOADS		27735	27742	27437	29602	31519	34022	35079	33977	31569	29964	30005	28227	28406	28192
INTERRUPTIBLE LOADS															
5 REGIONAL INTER. LOADS	2/	769	769	750	720	779	706	795	774	780	755	755	762	783	759
6 TOTAL LOADS		28504	28511	28187	30321	32298	34729	35874	34751	32350	30719	30760	28989	29189	28951
HYDRO RESOURCES															
7 REGULATED HYDRO	5/	30632	30987	31254	31367	31547	31432	31471	31164	31073	30323	30264	29821	30225	30312
8 INDEPENDENT HYDRO	6/	1860	1823	1786	1763	1777	1756	1744	1867	1920	1935	1940	1826	1838	1808
9 MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUS. PKNG. ADJUSTMENT	8/	-4794	-5200	-6193	-6185	-4154	-3292	-6631	-6254	-6608	-2910	-1197	-1218	-2997	-2723
12 TOTAL HYDRO		27698	27610	26847	26945	29170	29896	26584	26777	26385	29348	31007	30429	29066	29397
OTHER RESOURCES															
13 SMALL THERMAL & MISC	9/	94	94	84	87	197	193	192	188	85	86	81	47	45	94
14 COMBUSTION TURBINES	10/	938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938
15 RENEWABLES	11/	51	51	51	51	51	51	51	51	51	51	51	4	4	51
16 COGENERATION	12/	340	340	329	329	329	309	329	329	329	340	340	340	340	320
17 IMPORTS	13/	1745	1745	1514	1446	2047	2333	2404	2431	1611	1332	1332	1388	1903	1826
18 CENTRALIA		1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	671	1343	1343	1343
19 JIM BRIDGER		693	693	693	692	693	693	693	693	519	346	520	693	693	693
20 COLSTRIP 1 & 2		414	414	395	401	406	400	400	393	397	200	390	198	403	415
21 BOARDMAN		508	508	508	508	508	508	508	508	508	508	508	0	508	508
22 VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
23 COLSTRIP 3		574	574	561	565	568	565	564	560	563	564	557	562	567	574
24 WNP 2		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
25 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
26 FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NON-UTILITY GENERATION	15/	1474	1474	1380	1538	1493	1478	1463	1491	1528	1426	1422	978	1378	1526
28 TOTAL RESOURCES		38004	37916	36775	36975	40573	41537	38299	38532	36389	38614	38245	37348	38034	39817

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESERVES AND MAINTENANCE															
29 HYD, SM THRM & MISC RES	16/	-1767	-1783	-1789	-1801	-1849	-1841	-1842	-1834	-1794	-1753	-1723	-1669	-1730	-1750
30 LARGE THERMAL RESERVES	17/	-1004	-1004	-974	-967	-952	-981	-983	-987	-922	-873	-651	-710	-845	-1000
31 BPA SPINNING RESERVES	18/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
32 DSI RESERVES	19/	749	749	749	750	752	743	747	752	750	748	748	747	744	736
33 HYDRO MAINTENANCE	20/	-4605	-4042	-3787	-3208	-2935	-2037	-1561	-2288	-2631	-2751	-2483	-2360	-2202	-3721
34 NET RESOURCES		31061	31513	30677	31449	35231	37023	34332	33851	31481	33602	33727	32949	33623	33704
SURPLUS/DEFICITS															
35 FIRM SURPLUS/DEFICIT		3326	3770	3240	1848	3712	3000	-747	-126	-88	3638	3722	4722	5217	5512
36 TOTAL SURPLUS/DEFICIT		2556	3001	2490	1128	2933	2294	-1543	-899	-868	2883	2967	3960	4434	4753
37 EXTREME WEATHER ADJ.	21/	0	0	0	0	-3925	-4226	-4372	-4219	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.		3326	3770	3240	1848	-213	-1226	-5119	-4345	-88	3638	3722	4722	5217	5512
39 TOTAL S/D W/EXT WTHR. ADJ.		2556	3001	2490	1128	-992	-1932	-5915	-5118	-868	2883	2967	3960	4434	4753

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS															
1 SYSTEM FIRM LOADS	1/	27193	27193	26986	29948	32151	34476	35639	34561	32334	30599	30599	28806	27967	27579
2 EXPORTS	3/	3347	3347	3294	2726	2467	2456	2276	2249	2245	2242	2242	2237	-3132	3180
3 FEDERAL DIVERSITY	4/	-1067	-1060	-1095	-1159	-1132	-849	-875	-856	-1095	-1065	-1053	-1120	-1120	-1089
4 FIRM LOADS		29474	29480	29185	31515	33486	36083	37040	35954	33483	31775	31788	29923	29979	29670
INTERRUPTIBLE LOADS															
5 REGIONAL INTER. LOADS	2/	768	768	742	710	775	716	788	743	790	749	749	733	772	756
6 TOTAL LOADS		30242	30249	29926	32225	34261	36800	37828	36698	34273	32525	32537	30656	30752	30426
HYDRO RESOURCES															
7 REGULATED HYDRO	5/	30647	31002	31270	31383	31562	31446	31488	31183	31092	30344	30284	29842	30245	30332
8 INDEPENDENT HYDRO	6/	1883	1846	1810	1782	1796	1778	1765	1885	1941	1961	1961	1850	1866	1830
9 MAY WATER BUDGET	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 JUNE COL. RIVER FLOW AUG	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUS. PKNG. ADJUSTMENT	8/	-4794	-5201	-6193	-6185	-4154	-3292	-6631	-6254	-6608	-2910	-1197	-1218	-2997	-2723
12 TOTAL HYDRO		27736	27647	26887	26980	29204	29932	26622	26814	26425	29395	31048	30474	29114	29439
OTHER RESOURCES															
13 SMALL THERMAL & MISC	9/	106	106	97	100	214	210	209	205	98	101	94	61	45	107
14 COMBUSTION TURBINES	10/	938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938
15 RENEWABLES	11/	52	52	52	52	52	52	52	52	52	52	52	5	5	52
16 COGENERATION	12/	340	340	329	329	329	309	284	284	284	295	295	295	295	275
17 IMPORTS	13/	1656	1656	1101	1094	1684	2211	2293	2321	1601	1223	1223	1633	1824	1723
18 CENTRALIA		1343	1343	1343	1343	1343	1343	1343	1343	1343	671	1343	1343	1343	1343
19 JIM BRIDGER		693	693	692	693	693	692	692	692	519	693	693	693	693	693
20 COLSTRIP 1 & 2		439	439	421	427	431	426	424	418	423	215	416	213	431	440
21 BOARDMAN		508	508	508	508	508	508	508	508	508	508	508	0	508	508
22 VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
23 COLSTRIP 3		591	591	579	582	585	582	581	577	580	584	575	582	586	592
24 WNP 2		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
25 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
26 FED RESOURCE ACQUIS	14/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NON-UTILITY GENERATION	15/	1421	1421	1327	1485	1439	1422	1406	1434	1471	1370	1365	946	1345	1472
28 TOTAL RESOURCES		37955	37866	36406	36663	40250	41455	38182	38416	36374	38177	38978	37611	37973	39714

TABLE 1: PACIFIC NORTHWEST REGIONAL AREA

SUMMARY OF PACIFIC NORTHWEST REGIONAL LOADS AND RESOURCES
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESERVES AND MAINTENANCE															
29 HYD, SM THRM & MISC RES	16/	-1767	-1783	-1789	-1801	-1849	-1840	-1842	-1834	-1794	-1753	-1723	-1670	-1731	-1750
30 LARGE THERMAL RESERVES	17/	-988	-988	-913	-916	-899	-965	-967	-971	-923	-809	-763	-747	-832	-984
31 BPA SPINNING RESERVES	18/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
32 DSI RESERVES	19/	738	738	739	740	742	734	739	744	743	742	742	741	739	735
33 HYDRO MAINTENANCE	20/	-4608	-4045	-3787	-3208	-2935	-2037	-1561	-2289	-2633	-2751	-2483	-2360	-2202	-3722
34 NET RESOURCES		31014	31465	30359	31179	34951	36949	34222	33742	31457	33223	34342	33168	33568	33615
SURPLUS/DEFICITS															
35 FIRM SURPLUS/DEFICIT		1540	1984	1174	-336	1466	865	-2818	-2212	-2027	1448	2554	3245	3589	3946
36 TOTAL SURPLUS/DEFICIT		772	1216	432	-1046	690	149	-3606	-2955	-2817	698	1805	2512	2817	3189
37 EXTREME WEATHER ADJ.	21/	0	0	0	0	-4155	-4464	-4619	-4474	0	0	0	0	0	0
38 FIRM S/D W/EXT WEATHER ADJ.		1540	1984	1174	-336	-2689	-3599	-7437	-6686	-2027	1448	2554	3245	3589	3946
39 TOTAL S/D W/EXT WTHR. ADJ.		772	1216	432	-1046	-3465	-4315	-8225	-7429	-2817	698	1805	2512	2817	3189

PACIFIC NORTHWEST REGIONAL FOOTNOTES

Regional Table 1

1. Firm loads for the region include the sum of the estimated firm loads of Federal agencies, public agencies, direct service industries (DSIs), investor-owned utilities (IOUs), and associated transmission losses. Peak loads represent non-coincidental capacity demands adjusted to account for Federal system diversity; they are based on the prediction of normal weather and have a 50-percent chance of being exceeded.
2. Total loads for the region include system firm loads, plus BPA's nonfirm loads, which include industrial top-quartile loads, associated transmission losses, and Utah Power Company's interruptible load.
3. Exports from the region by Northwest utilities include BPA's surplus firm power sales to the cities of Burbank, Glendale, Pasadena, Sacramento Municipal Utility District, San Diego Gas and Electric, and Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's environmental storage agreement with Southern California Edison; BPA's optional capacity agreement with Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; BPA's Northwest-Southwest Intertie losses; Idaho Power Company's power sales to Sierra Pacific, the cities of Azusa, Banning, and Colton in California, the city of Washington in Utah, and Utah Associated Municipal Power Systems (UAMPS); Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, and power sales to the California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and the Western Area Power Administration (WAPA); Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and WAPA, and seasonal power exchange deliveries to Southern California Edison; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric; the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Northern California Public Agencies; and Snohomish County Public Utility District's seasonal power exchange with Sacramento Municipal Utility District, and Tacoma Public Utilities' power sale to WAPA.

Also included in exports are resources purchased by utilities outside the region. These include WAPA's purchase of the output of Longview Fibre, 14.2 percent of the Boardman coal plant sold to San Diego Gas and Electric, and 10 percent of the Boardman coal plant sold to the City of Turlock, CA.

4. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility allocation requirements. This is because all peaking electrical loads do not occur simultaneously throughout the region.
5. Regulated hydro includes those hydro dams where the firm energy generation of the dam is affected by the release of stored water from upstream reservoirs. Regulated hydro generation is determined by completing a hydro regulation study of the Pacific Northwest hydro system.
6. Independent hydro includes those hydro dams where no reservoirs exist upstream to release stored water and the firm energy is based on fixed historical flows. Hydro independents are not changed as a part of the hydro regulation study.
7. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
8. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
9. Small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; Idaho Power Company's Energy Management System; Portland General Electric's Summit units; Puget Sound Power and Light's Crystal Mountain and Shuffleton; Montana Power Company's portion of Corette and Bird in the region; and Seattle City Light's Boundary.
10. Combustion turbines include Clark County Public Utility's Cogentrix; Idaho Power Company's Wood River; Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia units; and Washington Water Power's Northeast units.
11. Renewables include Emerald County PUD's Short Mountain; and Washington Water Power's Kettle Falls.
12. Cogeneration includes Eugene Water and Electric Board's WEYCO Energy Center; Snohimish County PUD's Scott Paper; and Portland General Electric's Coyote Springs. Longview Fibre output is sold outside the region to WAPA.
13. Imports include exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; exchange energy from the M-S-R Public Power Agency after their surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; deferred energy returns from Sacramento Municipal Utility District and San Diego Gas and Electric; exchange energy returned from San Diego Gas and Electric; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load; Power purchases from Basin Electric Cooperative and Powerex (TransAlta); seasonal power exchange deliveries to BPA from the cities of Pasadena and Riverside; envi-

ronmental storage returns to BPA from Southern California Edison; Pacific Power and Light transfers from their Wyoming division and seasonal power exchange deliveries to Portland General Electric from Southern California Edison; power sale deliveries to Puget Sound Power and Light from BC Hydro, and seasonal power exchange deliveries from Pacific Gas & Electric and from Puget Sound Power and Light to Seattle City Light; Utah Power Company's intra-company transfer; seasonal power exchange deliveries to Washington Water Power from Pacific Gas and Electric; power deliveries to Seattle City Light from BC Hydro for Ross replacement; seasonal power exchange deliveries from Northern California Public Agencies to Seattle City Light; and BC Hydro's delivery of power to BPA for the Portland General Electric inter-company pool.

14. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on-line, they will be included in the loads and resources balance.
15. Non-utility generation (NUG) resources include generation provided to utilities by independent power producers and resources included under the Public Utility Regulatory Policies Act (PURPA). This study included 189 individual NUGs.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the capacity of these resources for all utilities in the region.
17. Large thermal reserves requirements are estimated at 15 percent of the total capacity of the Pacific Power and Light thermal import into the region plus the large thermal resources owned by utilities in the region.
18. Federal spinning reserves equal the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
19. Direct service industry reserve requirements are estimated at one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal, whichever is smaller.
20. Hydro maintenance is the sum of individual Federal system, public agency, and IOU hydro project maintenance, based on the average of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
21. Extreme weather adjustment is the sum of all utility load responses with Pacific Northwest cold weather, and has a 5-percent chance of being exceeded.

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TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS																
1	FEDERAL AGENCIES		191	191	182	191	199	228	213	220	209	195	195	184	186	187
2	FEDERAL & GEN PUBLIC LOSSES		209	209	242	305	351	388	401	363	319	291	291	253	208	204
3	USBR		199	199	157	75	7	4	4	3	9	99	99	169	197	204
4	DSI ALUMINUM FIRM		1886	1886	1886	1927	1927	1927	1965	1971	1970	1971	1971	1971	1970	1971
5	DSI NON-ALUM FIRM		189	189	189	193	210	201	210	218	218	218	218	218	218	210
6	DSI FIRM LOSSES		60	60	62	68	75	79	85	83	79	74	74	72	66	63
7	SM & NON GEN PUB PSC PUR	1/	4180	4180	4181	4767	5288	5703	6022	5665	5368	5147	5147	4761	4409	4438
8	FIRM SYSTEM LOAD		6914	6914	6899	7526	8057	8530	8900	8523	8172	7995	7995	7628	7254	7277
TRANSFERS OUT																
9	EXPORTS	2/	1110	1110	1110	734	431	431	431	430	431	430	482	904	1161	1161
10	CONTRACTS OUT	3/	2082	2082	2193	2559	2865	2979	2953	2909	2691	2318	2318	2023	2123	1680
11	CSPE TO WEST GROUP UTIL	4/	576	576	576	576	576	576	576	576	576	486	486	486	486	486
12	GEN PUBLIC AGEN PSC PUR	5/	1247	1215	1334	1742	2060	2327	2394	2498	2148	2140	2132	1656	1349	1217
13	IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY	7/	-1103	-1099	-1132	-1217	-1134	-854	-879	-856	-1131	-1058	-1057	-1124	-1139	-1068
15	FIRM LOADS		10826	10798	10981	11921	12855	13990	14375	14081	12887	12312	12357	11574	11234	10753
INTERRUPTIBLE LOADS																
16	DSI ALUM TOP QUARTILE	8/	173	173	173	173	173	173	173	558	558	558	558	558	558	558
17	DSI NON-ALUMINUM TQ	8/	63	63	63	63	69	66	69	71	71	71	71	71	71	69
18	TOP QUARTILE LOSSES	8/	7	7	7	8	8	9	9	24	23	21	21	21	19	18
19	TOTAL LOADS		11069	11041	11223	12164	13105	14237	14626	14734	13540	12963	13008	12224	11883	11398
HYDRO RESOURCES																
20	REGULATED HYDRO		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
21	INDEPENDENT HYDRO		687	681	684	694	674	636	632	760	765	792	792	690	683	669
22	MAY WATER BUDGET	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	JUNE COL. RIVER FLOW AUG	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SUS. PKNG. ADJUSTMENT	10/	-4797	-5203	-6196	-6200	-4169	-3307	-6646	-6269	-6623	-2913	-1200	-1221	-3000	-2726
25	CAN. ENT. NON-FED(CSPE)	11/	138	138	138	138	138	138	138	138	138	115	115	115	115	115
26	CAN. ENT. NON-FED(CNDA)	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	RESTORATION	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TOTAL HYDRO		16297	16110	15150	15213	17588	18382	15008	15473	14948	18040	19420	19049	17471	17694

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
OTHER RESOURCES															
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	333	333	362	228	279	333	307	263	235	207	89	0	18	34
34 CONTRACTS IN	15/	67	67	67	67	67	67	68	65	68	63	63	10	10	0
35 LARGE THERMAL	16/	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
36 NON-UTILITY GENERATION		0	0	0	0	0	0	1	1	1	1	1	1	1	1
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		17867	17680	16749	16678	19104	19952	16554	16972	16422	19481	19573	19060	17500	18899
RESERVES AND MAINTENANCE															
39 HYD, SM THRM & MISC RES	18/	-1048	-1059	-1060	-1064	-1081	-1078	-1076	-1080	-1072	-1042	-1025	-1008	-1018	-1015
40 LARGE THERMAL RESERVES	19/	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	0	0	0	-175
41 SPINNING RESERVES	20/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
42 DSI RESERVES	21/	711	711	712	729	737	735	753	757	755	754	754	753	751	747
43 FEDERAL HYDRO MAINT	22/	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
44 NET RESOURCES		13776	14073	13159	13117	15521	17169	14320	14266	13705	16573	17088	16641	15219	15294
SURPLUS/DEFICITS															
45 FIRM SURPLUS/DEFICIT		2949	3275	2179	1196	2666	3179	-55	186	817	4262	4731	5068	3985	4541
46 TOTAL SURPLUS/DEFICIT		2707	3033	1936	953	2416	2932	-306	-468	165	3610	4080	4417	3336	3895
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	-4	-5	-4	-4	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		2949	3275	2179	1196	2662	3174	-59	182	817	4262	4731	5068	3985	4541
49 TOTAL S/D W/EXT WTHR. ADJ.		2707	3033	1936	953	2412	2927	-310	-472	165	3610	4080	4417	3336	3895
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	-1465	-1594	-1660	-1546	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		2949	3275	2179	1196	1197	1581	-1719	-1364	817	4262	4731	5068	3985	4541
52 TOTAL S/D W/EXT WTHR. OBLIG		2707	3033	1936	953	947	1334	-1970	-2018	165	3610	4080	4417	3336	3895

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS																
1	FEDERAL AGENCIES		196	196	186	197	205	235	219	226	215	199	199	189	190	192
2	FEDERAL & GEN PUBLIC LOSSES		202	202	235	305	352	393	403	361	320	290	290	248	212	205
3	USBR		199	199	157	76	7	4	4	3	9	99	99	169	197	204
4	DSI ALUMINUM FIRM		1970	1970	1971	1970	1971	1971	1971	1971	1970	1971	1971	1971	1971	1971
5	DSI NON-ALUM FIRM		216	216	214	212	210	182	188	205	204	202	202	200	199	177
6	DSI FIRM LOSSES		63	63	65	70	76	79	84	83	78	74	74	72	65	62
7	SM & NON GEN PUB PSC PUR	1/	4332	4332	4361	4962	5456	5857	6185	5839	5550	5304	5327	4936	4561	4593
8	FIRM SYSTEM LOAD		7178	7178	7189	7792	8277	8721	9054	8688	8346	8139	8162	7785	7395	7404
TRANSFERS OUT																
9	EXPORTS	2/	1126	1126	1126	1111	1018	1019	1019	1018	1019	1018	1070	1177	1178	1178
10	CONTRACTS OUT	3/	1533	1533	1644	2010	2480	2591	2565	2520	2221	1885	1885	1491	1592	1423
11	CSPE TO WEST GROUP UTIL	4/	200	200	200	200	200	200	200	200	200	192	192	192	192	192
12	GEN PUBLIC AGEN PSC PUR	5/	1550	1497	1579	1995	2374	2639	2692	2833	2430	2326	2410	1961	1616	1455
13	IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY	7/	-1042	-1035	-1067	-1160	-1107	-834	-858	-839	-1094	-1020	-1030	-1082	-1087	-1048
15	FIRM LOADS		10545	10499	10672	11948	13242	14336	14672	14421	13122	12540	12689	11524	10886	10604
INTERRUPTIBLE LOADS																
16	DSI ALUM TOP QUARTILE	8/	558	558	558	558	558	558	558	558	558	558	558	558	558	558
17	DSI NON-ALUMINUM TQ	8/	71	71	70	69	69	59	62	67	67	66	66	66	65	58
18	TOP QUARTILE LOSSES	8/	18	18	19	20	22	23	24	24	23	21	21	21	19	18
19	TOTAL LOADS		11192	11146	11319	12596	13891	14977	15316	15070	13770	13186	13334	12169	11528	11238
HYDRO RESOURCES																
20	REGULATED HYDRO		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
21	INDEPENDENT HYDRO		687	681	684	694	674	636	632	760	765	792	792	690	683	669
22	MAY WATER BUDGET	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	JUNE COL. RIVER FLOW AUG	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SUS. PKNG. ADJUSTMENT	10/	-4794	-5200	-6193	-6185	-4154	-3292	-6631	-6254	-6608	-2910	-1197	-1218	-2997	-2723
25	CAN. ENT. NON-FED(CSPE)	11/	46	46	46	46	46	46	46	46	46	43	43	43	43	43
26	CAN. ENT. NON-FED(CNDA)	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	RESTORATION	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TOTAL HYDRO		16208	16021	15061	15136	17511	18305	14931	15396	14871	17971	19351	18980	17402	17625

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
OTHER RESOURCES															
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	13	13	42	108	161	215	189	145	117	89	89	0	18	34
34 CONTRACTS IN	15/	8	8	8	8	8	8	8	8	8	8	8	8	8	8
35 LARGE THERMAL	16/	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
36 NON-UTILITY GENERATION		56	56	56	304	304	304	304	304	304	56	56	56	56	56
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		17455	17268	16337	16726	19154	20002	16602	17023	16470	19294	19504	19044	17484	18893
RESERVES AND MAINTENANCE															
39 HYD, SM THRM & MISC RES	18/	-1051	-1062	-1063	-1079	-1096	-1093	-1091	-1095	-1087	-1045	-1028	-1011	-1021	-1018
40 LARGE THERMAL RESERVES	19/	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	0	0	0	-175
41 SPINNING RESERVES	20/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
42 DSI RESERVES	21/	749	749	749	750	752	743	747	752	750	748	748	747	744	736
43 FEDERAL HYDRO MAINT	22/	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
44 NET RESOURCES		13399	13696	12782	13171	15571	17213	14347	14298	13733	16378	17010	16616	15194	15273
SURPLUS/DEFICITS															
45 FIRM SURPLUS/DEFICIT		2854	3197	2110	1224	2330	2876	-324	-123	610	3838	4322	5092	4308	4670
46 TOTAL SURPLUS/DEFICIT		2206	2550	1463	576	1680	2235	-969	-772	-37	3192	3676	4447	3666	4035
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	-4	-5	-4	-5	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		2854	3197	2110	1224	2326	2871	-328	-128	610	3838	4322	5092	4308	4670
49 TOTAL S/D W/EXT WTHR. ADJ.		2206	2550	1463	576	1676	2230	-973	-777	-37	3192	3676	4447	3666	4035
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	-1601	-1729	-1839	-1690	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		2854	3197	2110	1224	724	1142	-2167	-1818	610	3838	4322	5092	4308	4670
52 TOTAL S/D W/EXT WTHR. OBLIG		2206	2550	1463	576	75	501	-2812	-2467	-37	3192	3676	4447	3666	4035

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   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

TABLE 2: FEDERAL SYSTEM

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS																
1	FEDERAL AGENCIES		202	202	191	203	211	243	226	234	222	205	205	195	196	197
2	FEDERAL & GEN PUBLIC LOSSES		205	205	232	312	361	401	414	362	326	296	296	254	216	211
3	USBR		200	200	158	76	7	4	4	3	9	100	100	170	198	205
4	DSI ALUMINUM FIRM		1971	1971	1971	1971	1971	1970	1971	1971	1971	1971	1971	1971	1971	1971
5	DSI NON-ALUM FIRM		182	182	182	182	182	156	164	182	182	183	183	182	182	174
6	DSI FIRM LOSSES		62	62	65	69	75	79	83	82	77	73	73	71	65	62
7	SM & NON GEN PUB PSC PUR	1/	4725	4725	4826	5467	5924	6306	6653	6322	6041	5819	5796	5385	4985	4976
8	FIRM SYSTEM LOAD		7547	7547	7625	8280	8731	9159	9515	9156	8828	8647	8624	8228	7813	7796
TRANSFERS OUT																
9	EXPORTS	2/	1555	1555	1555	1540	1447	1447	1447	1447	1447	1447	1447	1555	1555	1555
10	CONTRACTS OUT	3/	1216	1216	1327	1393	2156	2210	2184	2140	1607	1580	1580	1203	1303	1237
11	CSPE TO WEST GROUP UTIL	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	GEN PUBLIC AGEN PSC PUR	5/	1857	1807	1849	2283	2673	2964	3016	3171	2756	2755	2654	2297	1913	1758
13	IOU PSC PURCHASE	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FED DIVERSITY	7/	-1067	-1060	-1095	-1159	-1132	-849	-875	-856	-1095	-1065	-1053	-1120	-1120	-1089
15	FIRM LOADS		11109	11065	11261	12338	13874	14932	15288	15058	13543	13363	13252	12163	11465	11256
INTERRUPTIBLE LOADS																
16	DSI ALUM TOP QUARTILE	8/	558	558	558	558	558	558	558	558	558	558	558	558	558	558
17	DSI NON-ALUMINUM TQ	8/	61	61	61	61	61	52	55	61	61	61	61	61	61	58
18	TOP QUARTILE LOSSES	8/	18	18	19	20	22	23	24	24	22	21	21	20	19	18
19	TOTAL LOADS		11746	11702	11898	12977	14515	15565	15925	15701	14185	14004	13892	12803	12103	11891
HYDRO RESOURCES																
20	REGULATED HYDRO		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
21	INDEPENDENT HYDRO		687	681	684	694	674	636	632	760	765	792	792	690	683	669
22	MAY WATER BUDGET	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	JUNE COL. RIVER FLOW AUG	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	SUS. PKNG. ADJUSTMENT	10/	-4794	-5201	-6193	-6185	-4154	-3292	-6631	-6254	-6608	-2910	-1197	-1218	-2997	-2723
25	CAN. ENT. NON-FED(CSPE)	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	CAN. ENT. NON-FED(CNDA)	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	RESTORATION	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TOTAL HYDRO		16162	15974	15015	15090	17465	18259	14885	15350	14825	17928	19308	18937	17359	17582

TABLE 2: FEDERAL SYSTEM (CONTINUED)

SUMMARY OF FEDERAL SYSTEM LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT
ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
OTHER RESOURCES															
29 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 IMPORTS	14/	13	13	42	108	161	215	189	145	117	89	89	0	18	34
34 CONTRACTS IN	15/	308	308	308	308	8	8	8	8	8	8	8	8	8	308
35 LARGE THERMAL	16/	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
36 NON-UTILITY GENERATION		56	56	56	304	304	304	304	304	304	56	56	56	56	56
37 RESOURCE ACQUISITIONS	17/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 TOTAL RESOURCES		17709	17521	16591	16980	19108	19956	16556	16977	16424	19251	19461	19001	17441	19150
RESERVES AND MAINTENANCE															
39 HYD, SM THRM & MISC RES	18/	-1051	-1061	-1063	-1079	-1096	-1093	-1091	-1095	-1087	-1045	-1028	-1011	-1021	-1018
40 LARGE THERMAL RESERVES	19/	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	0	0	0	-175
41 SPINNING RESERVES	20/	-316	-323	-297	-299	-358	-399	-328	-324	-311	-383	-409	-407	-379	-378
42 DSI RESERVES	21/	738	738	739	740	742	734	739	744	743	742	742	741	739	735
43 FEDERAL HYDRO MAINT	22/	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635	-2785
44 NET RESOURCES		13641	13939	13025	13415	15516	17158	14293	14244	13679	16328	16961	16567	15145	15529
SURPLUS/DEFICITS															
45 FIRM SURPLUS/DEFICIT		2533	2874	1764	1078	1642	2226	-995	-815	136	2965	3709	4404	3680	4273
46 TOTAL SURPLUS/DEFICIT		1896	2237	1127	439	1001	1593	-1632	-1457	-505	2325	3069	3764	3043	3639
47 EXTREME WEATHER ADJ.	23/	0	0	0	0	-4	-5	-5	-5	0	0	0	0	0	0
48 FIRM S/D W/EXT WEATHER ADJ.		2533	2874	1764	1078	1638	2221	-1000	-820	136	2965	3709	4404	3680	4273
49 TOTAL S/D W/EXT WTHR. ADJ.		1896	2237	1127	439	997	1588	-1637	-1462	-505	2325	3069	3764	3043	3639
50 POSS FED EXT WTHR. OBLG	24/	0	0	0	0	-1790	-1895	-1987	-1869	0	0	0	0	0	0
51 FIRM S/D W/EXT WTHR. OBLIG		2533	2874	1764	1078	-152	325	-2987	-2688	136	2965	3709	4404	3680	4273
52 TOTAL S/D W/EXT WTHR. OBLIG		1896	2237	1127	439	-793	-308	-3624	-3331	-505	2325	3069	3764	3043	3639

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

FEDERAL SYSTEM FOOTNOTES

Federal Table 2

1. BPA's small and nongenerating public agencies' purchases are requirements these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own dedicated resources.
2. BPA's exports include surplus firm power sales to the cities of Burbank, Glendale, and Pasadena, and to Southern California Edison; BPA's surplus firm power sale to M-S-R Public Power Agency, which converts to a capacity sale on November 1, 2009; BPA's capacity contracts with the cities of Anaheim and Riverside; BPA's capacity for exchange energy with deferred return with the Sacramento Municipal Utility District and San Diego Gas and Electric; BPA's capacity for exchange energy contracts with the cities of Anaheim, Pasadena, and Riverside; BPA's diversity exchange with the city of Riverside; BPA's delivery of environmental storage to Southern California Edison; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; and BPA's Northwest-Southwest Intertie losses.
3. BPA's contracts out include its contracts of Canadian Entitlement capacity and supplemental capacity to Pacific Northwest public agencies and IOUs, which expire March 31, 2003; BPA's contracts with Clark County PUD and other public agencies (Packwood Lake); BPA's WNP-1 obligation contracts with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's WNP-3 settlement contracts with Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's power transfer through Pacific Power and Light's system to serve BPA's Southern Idaho load; BPA's capacity sale with Montana Power Company; BPA's surplus firm power sale to Puget Sound Power and Light, which converts to a seasonal power exchange in OY 2001-02; BPA's surplus firm capacity sale to Washington Water Power; BPA's bridge capacity sale to Pacific Power and Light through July 31, 1995; BPA's capacity sale to Portland General Electric; BPA's deferred power exchange with Washington Water Power; and BPA's Baker Head loss replacement with Puget Sound Power and Light.
4. Columbia Storage Power Exchange (CSPE) is the sale of the Canadian share of downstream benefits under the Columbia River Treaty with Canada to a group of Northwest utilities, expiring April 1, 2003.
5. BPA's generating public agencies' purchases are requirements which these agencies place on BPA under their power sales contracts and BPA's partnership program. BPA's obligation is each agency's net firm load requirement not served by its own

dedicated resources. These contracts actually expire June 30, 2001; however, they are assumed to remain in effect through the 20-year study period.

6. Generating private utility purchase is the contracted peak and energy requirement placed on the Federal system under the IOUs' power sales contracts with BPA Currently, no IOU is placing load on BPA under a power sales contract.
7. Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility requirements. This is due to the fact that all peaking electrical loads do not occur simultaneously throughout the region.
8. DSIs' aluminum and nonaluminum top quartile load and associated line losses are BPA's interruptible loads.
9. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource.
10. Sustained peaking adjustment is a percentage reduction applied to the Federal hydro system to meet a capacity load of 50 hours per week. This adjustment also includes reductions for Federal hydro maintenance, spinning reserves, forced outage reserves, and summer flow augmentation on the Lower Snake River and John Day hydro projects.
11. Canadian Entitlement Return non-Federal to the Columbia River Storage Exchange (CSPE) reflects the public agencies' and IOUs' obligation of Canadian Entitlement allocation to the Northwest entities of the CSPE, which expires March 31, 2003.
12. Canadian Entitlement Return non-Federal to Canada reflects the Federal system, public agencies', and IOUs' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
13. Restoration adjusts for the losses and gains of the hydro system due to Canadian storage under the terms of the Pacific Northwest Coordination Agreement. It is an obligation to those utilities that gained generation from the addition of Canadian storage, and a resource gain to utilities that lost generation from Canadian storage.
14. Imports includes exchange energy to BPA from the cities of Anaheim, Pasadena, and Riverside; capacity for energy exchange agreements (#1 and #2) with the city of Pasadena; seasonal replacement energy from the city of Riverside; Southern California Edison's return of environmental storage to BPA; exchange energy from the M-S-R Public Power Agency after its surplus firm sale converts to a capacity/energy exchange beginning November 1, 2009; exchange energy returned from San Diego Gas and Electric; deferred energy returned from Sacramento Municipal Utility District, San Diego Gas and Electric, and Washington Water Power; power purchases from Basin Electric Cooperative and TransAlta; power from Pacific Power and Light's Wyoming Division to serve BPA's Southern Idaho load; and BC Hydro's deliveries of power to BPA.
15. Federal contracts in includes exchange energy to BPA from Montana Power Company, energy delivered to BPA by Northern Wasco County PUD from its McNary Fishway project; WNP-3 settlement exchange energy from Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; deferred power exchange energy from Washington Water Power; sea-

sonal power exchange energy from Puget Sound Power and Light beginning in OY 2001-02; and power purchases from Puget Sound Power and Light and Montana Power Company.

16. Federal large thermal consists of the generation from WNP-2, operated by WPPSS.
17. Federal NUGs include: Tenaska II (Tenaska at Fredrickson), SDS Lumber (Klickitat Energy), Clearwater Dam (owned by the State of Idaho Department of Water Resources), and Wyoming Wind.
18. Resource acquisitions are resources BPA has identified and contracted for future purchase. When new Federal resource acquisitions are contracted for and/or on line, they will be included in the loads and resources balance.
19. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the Federal capacity of these resources.
20. Large thermal reserve requirements are estimated at 15 percent of the WNP-2 nuclear project.
21. Federal spinning reserve is the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.
22. Direct service industrial reserve requirements are one-third of the industrial firm load, or the sum of the reserve requirements for Federal hydro, small thermal and miscellaneous resources, combustion turbines, and large thermal resources, whichever is smaller.
23. Hydro maintenance is the sum of all Federal hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
24. Extreme weather adjustment for BPA's directly served loads.
25. Possible Federal extreme weather adjustment is the possible load on BPA by public agencies customers having the right to place this obligation on BPA.

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TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1 SYSTEM LOADS		8810	8810	9029	10512	11664	12386	12844	12368	11684	11037	11037	10179	9339	9088
2 EXPORTS	1/	221	221	234	203	74	41	41	41	41	41	41	41	222	223
3 CONTRACTS OUT	2/	175	175	124	175	77	80	80	78	77	76	76	75	124	124
4 TOTAL LOADS		9206	9206	9387	10890	11815	12507	12965	12487	11802	11154	11154	10295	9685	9435
RESOURCES															
5 REGULATED HYDRO		3874	4040	4048	4177	4115	4048	3975	3835	3928	3831	4024	3993	4021	4022
6 INDEPENDENT HYDRO		202	200	195	196	203	189	211	213	220	209	208	209	206	183
7 MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	4/	-52	-52	-52	-52	-52	-52	-52	-52	-52	-42	-42	-42	-42	-42
10 CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		4024	4188	4191	4321	4266	4185	4134	3996	4096	3998	4190	4160	4185	4163
13 SMALL THERMAL & MISC	7/	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14 COMBUSTION TURBINES	8/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	9/	288	288	288	288	288	288	288	288	288	243	243	243	243	243
16 RENEWABLES	10/	2	2	2	2	2	2	3	3	3	3	3	3	3	3
17 COGENERATION	11/	20	20	20	20	20	0	47	47	47	58	58	58	58	38
18 IMPORTS	12/	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19 CONTRACTS IN	13/	315	315	300	350	300	300	300	300	300	280	280	245	245	234
20 LARGE THERMAL	14/	375	375	375	375	375	375	375	375	375	188	187	375	375	375
21 NON-UTILITY GENERATION	15/	199	199	132	67	21	21	22	25	52	157	157	248	260	235
22 TOTAL RESOURCES		5405	5569	5490	5605	5465	5407	5440	5339	5485	5121	5312	5476	5551	5473
23 HYD, SM THRM & MISC RES	16/	-217	-225	-222	-224	-220	-215	-215	-208	-214	-214	-225	-225	-229	-226
24 LARGE THERMAL RESERVES	17/	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-28	-56	-56	-56
25 PUBLIC HYDRO MAINT	18/	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26 NET RESOURCES		4554	4750	4730	5211	5108	5077	5095	4974	5003	4637	4814	4955	5017	4937
27 SURPLUS/DEFICIT		-4651	-4455	-4657	-5679	-6708	-7431	-7871	-7513	-6799	-6517	-6341	-5341	-4668	-4498
28 DEDICATED RESOURCES	19/	4920	5083	5097	5182	5091	5031	5016	4915	5049	4683	4875	5072	5083	5022
29 BPA PWR SLE CNTRCT PRCH	20/	5428	5395	5516	6510	7349	8031	8417	8164	7516	7288	7280	6417	5758	5655
30 SURPLUS/DEFICIT W/PURCHASE		777	940	859	830	641	600	546	651	717	771	939	1077	1090	1157
31 EXTREME WEATHER ADJ.	21/	0	0	0	0	-1991	-2119	-2189	-2116	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		777	940	859	830	-1350	-1519	-1643	-1465	717	771	939	1077	1090	1157
33 POSSIBLE OBLIG ON BPA	22/	0	0	0	0	1465	1594	1660	1546	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB		777	940	859	830	115	75	17	80	717	771	939	1077	1090	1157

TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS — 1999- 0 OPERATING YEAR

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1 SYSTEM LOADS		9477	9477	9734	11267	12375	13075	13518	13076	12391	11756	11756	10890	10008	9753
2 EXPORTS	1/	257	257	270	229	100	67	67	67	67	67	67	67	255	256
3 CONTRACTS OUT	2/	183	183	132	183	85	88	88	86	85	84	84	83	132	132
4 TOTAL LOADS		9917	9917	10136	11679	12560	13230	13673	13229	12543	11907	11907	11040	10395	10141
RESOURCES															
5 REGULATED HYDRO		3896	4061	4070	4199	4137	4069	3997	3857	3950	3853	4044	4013	4041	4075
6 INDEPENDENT HYDRO		210	208	203	204	211	197	219	221	228	217	216	217	214	191
7 MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	4/	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-17
10 CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		4090	4253	4257	4387	4332	4250	4200	4062	4162	4054	4244	4214	4239	4249
13 SMALL THERMAL & MISC	7/	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14 COMBUSTION TURBINES	8/	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15 CSPE PURCHASE	9/	100	100	100	100	100	100	100	100	100	95	95	95	95	95
16 RENEWABLES	10/	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 COGENERATION	11/	58	58	47	47	47	27	47	47	47	58	58	58	58	38
18 IMPORTS	12/	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19 CONTRACTS IN	13/	222	222	206	256	206	206	206	206	206	206	206	171	171	173
20 LARGE THERMAL	14/	375	375	375	375	375	375	375	375	375	375	187	375	375	375
21 NON-UTILITY GENERATION	15/	227	227	159	96	50	52	53	56	83	187	187	275	287	262
22 TOTAL RESOURCES		5478	5641	5550	5667	5527	5470	5476	5375	5521	5393	5395	5556	5631	5598
23 HYD, SM THRM & MISC RES	16/	-232	-241	-238	-240	-235	-231	-229	-221	-228	-228	-239	-239	-243	-242
24 LARGE THERMAL RESERVES	17/	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-56	-56	-56
25 PUBLIC HYDRO MAINT	18/	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26 NET RESOURCES		4612	4806	4775	5257	5155	5124	5117	4998	5026	4868	4883	5021	5084	5046
27 SURPLUS/DEFICIT		-5305	-5111	-5362	-6422	-7405	-8106	-8556	-8232	-7518	-7040	-7024	-6019	-5312	-5095
28 DEDICATED RESOURCES	19/	5003	5167	5181	5268	5176	5118	5103	5002	5136	4996	4999	5193	5204	5187
29 BPA PWR SLE CNTRCT PRCH	20/	5882	5829	5941	6957	7830	8496	8877	8672	7980	7630	7737	6897	6177	6048
30 SURPLUS/DEFICIT W/PURCHASE		577	718	579	535	424	390	321	441	462	591	713	878	866	953
31 EXTREME WEATHER ADJ.	21/	0	0	0	0	-2116	-2239	-2304	-2237	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		577	718	579	535	-1692	-1849	-1983	-1796	462	591	713	878	866	953
33 POSSIBLE OBLIG ON BPA	22/	0	0	0	0	1601	1729	1839	1690	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB		577	718	579	535	-90	-120	-144	-107	462	591	713	878	866	953

TABLE 3: TOTAL PUBLIC AGENCIES

SUMMARY OF PUBLIC AGENCIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1 SYSTEM LOADS		10178	10178	10486	12084	13137	13814	14262	13862	13180	12556	12556	11680	10754	10445
2 EXPORTS	1/	157	157	170	129	100	67	26	26	26	26	26	26	114	115
3 CONTRACTS OUT	2/	126	126	126	126	76	76	76	76	76	76	76	76	126	126
4 TOTAL LOADS		10461	10461	10782	12339	13313	13957	14364	13964	13282	12658	12658	11782	10994	10686
RESOURCES															
5 REGULATED HYDRO		4072	4237	4244	4373	4313	4245	4170	4031	4124	4027	4228	4196	4224	4216
6 INDEPENDENT HYDRO		210	208	203	204	211	197	219	221	228	217	216	217	214	191
7 MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		4282	4445	4447	4577	4524	4442	4389	4252	4352	4244	4444	4413	4438	4407
13 SMALL THERMAL & MISC	7/	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14 COMBUSTION TURBINES	8/	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15 CSPE PURCHASE	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	10/	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17 COGENERATION	11/	58	58	47	47	47	27	47	47	47	58	58	58	58	38
18 IMPORTS	12/	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19 CONTRACTS IN	13/	109	109	109	109	109	109	109	109	109	109	109	109	109	109
20 LARGE THERMAL	14/	375	375	375	375	375	375	375	375	375	187	375	375	375	375
21 NON-UTILITY GENERATION	15/	226	226	158	96	50	52	53	56	84	187	187	275	287	262
22 TOTAL RESOURCES		5457	5620	5543	5611	5523	5466	5469	5369	5516	5204	5592	5599	5674	5598
23 HYD, SM THRM & MISC RES	16/	-242	-251	-247	-249	-244	-239	-237	-231	-237	-237	-248	-249	-253	-249
24 LARGE THERMAL RESERVES	17/	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-56	-56	-56	-56
25 PUBLIC HYDRO MAINT	18/	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26 NET RESOURCES		4582	4775	4759	5192	5142	5112	5102	4982	5012	4698	5043	5054	5117	5039
27 SURPLUS/DEFICIT		-5880	-5686	-6024	-7147	-8171	-8845	-9262	-8983	-8271	-7961	-7615	-6728	-5878	-5647
28 DEDICATED RESOURCES	19/	5040	5202	5180	5268	5178	5120	5103	5002	5137	4812	5201	5241	5252	5192
29 BPA PWR SLE CNTRCT PRCH	20/	6582	6532	6675	7751	8597	9271	9669	9494	8798	8574	8450	7682	6899	6734
30 SURPLUS/DEFICIT W/PURCHASE		703	846	651	604	425	425	407	511	527	614	835	954	1021	1087
31 EXTREME WEATHER ADJ.	21/	0	0	0	0	-2248	-2367	-2433	-2375	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		703	846	651	604	-1823	-1942	-2026	-1864	527	614	835	954	1021	1087
33 POSSIBLE OBLIG ON BPA	22/	0	0	0	0	1790	1895	1987	1869	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB		703	846	651	604	-33	-46	-39	4	527	614	835	954	1021	1087

PUBLIC AGENCIES FOOTNOTES

Total Public Agencies Table 3

1. Public agencies' exports includes the City of Idaho Falls' contract with Utah Power Company for Gem State Hydro; Seattle City Light's seasonal power exchange deliveries to Pacific Gas and Electric and Northern California Public Agencies; Snohomish County PUD's power sale to Sacramento Municipal Utility District; and Tacoma Public Utilities' power sale to the Western Area Power Administration (WAPA).
2. Public agencies' contracts out include Chelan County PUD's capacity deliveries to Douglas County PUD and Portland General Electric; Colockum's capacity deliveries to Chelan County PUD and Pacific Power and Light; Douglas County PUD's exchange energy returned to Chelan County PUD; Grant County PUD's power sales to Pacific Power and Light; Northern Wasco PUD's sale of power from The Dalles Fishway project to Puget Sound Power and Light and from its McNary Fishway project to BPA; other small and non-generating public agencies power sales to Puget Sound Power and Light; Pend Oreille County PUD's power sale to Seattle City Light; Seattle City Light's seasonal power exchange deliveries to Idaho Power Company and Tacoma Public Utilities, and power sale to Pend Oreille County PUD; Snohomish County PUD's power sale to Puget Sound Power and Light; and Tacoma Public Utilities' seasonal power exchange deliveries to Seattle City Light.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Public Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Public Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the public agencies' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.
5. Canadian Entitlement Return non-Federal to Canada reflects the public agencies' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the public agencies that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Public agencies' small thermal and miscellaneous resources include Tacoma Public Utilities' Steam Plant No. 2; and Seattle City Light's Boundary.
8. Clark County PUD's Cogentrix is the only public agency-owned combustion turbine.

9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Public agencies' renewable resources include Emerald PUD's Short Mountain.
11. Public agencies' cogeneration includes Eugene Water and Electric Board's Weyerhaeuser WEYCO Energy Center; and Snohomish County PUD's Scott Paper.
12. Public agencies' imports include power deliveries to Seattle City Light from BC Hydro for Ross replacement; and seasonal power exchange deliveries to Seattle City Light from Pacific Gas and Electric and Northern California Public Agencies.
13. Public agencies' contracts in include Chelan County PUD capacity receipts from Colockum, and exchange energy from Douglas County PUD and Portland General Electric; Clark County PUD and other small and non-generating public agencies' power receipts from BPA for Packwood Lake; Colockum exchange energy from Pacific Power and Light; Douglas County PUD capacity receipts from Chelan County PUD; Oregon Trail Cooperative's replacement power sale from Idaho Power Company; Pend Oreille County PUD power sales receipts from Seattle City Light and Washington Water Power; Grays Harbor County PUD's receipt of Centralia capacity exchange power from Puget Sound Power and Light; Seattle City Light's power sale receipts from Pend Oreille County PUD and seasonal power exchanges from Idaho Power Company and Tacoma Public Utilities; and Tacoma Public Utilities' seasonal energy exchange from Seattle City Light.
14. Public agencies' large thermal includes Seattle City Light's, Snohomish County PUD's, Grays Harbor PUD's, and Tacoma Public Utilities' share of Centralia.
15. Public agencies' non-utility generating resources from independent power producers, power brokers, and qualified facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following public agencies: Chelan County PUD, Cowlitz County PUD, Douglas County PUD, Eugene Water and Electric Board, Grant County PUD, Pend Oreille County PUD, Seattle City Light, Small and Non-Generating Utilities, Snohomish County PUD, and Tacoma Public Utilities.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the public agencies' share of capacity from these resources.
17. Large thermal reserve requirements are 15 percent of the public agencies' share of Pacific Northwest thermal resources.
18. Hydro maintenance is the sum of all public agency hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.

20. Purchases from BPA include public agencies' firm power purchases under their power sales contracts and BPA's partnership program. This requirement is defined as the sum of the differences between each utility's firm load and its dedicated resources.
21. Extreme Weather adjustment for all public utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those public utilities having the right to place the obligation on BPA.

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1 SYSTEM LOADS		12468	12468	12012	13258	14340	15736	16414	15780	14444	13430	13430	12578	12644	12637
2 EXPORTS	1/	1708	1708	1634	1095	974	1035	939	905	884	876	876	902	1592	1645
3 CONTRACTS OUT	2/	863	863	823	873	874	924	859	859	809	640	640	699	699	763
4 TOTAL LOADS		15039	15039	14468	15226	16188	17694	18212	17544	16137	14946	14946	14179	14935	15045
RESOURCES															
5 REGULATED HYDRO		6178	6143	6369	6289	6169	6152	6287	6161	6151	6130	6214	6047	6215	6354
6 INDEPENDENT HYDRO		949	920	880	841	869	899	864	857	895	908	914	902	924	949
7 MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	4/	-77	-77	-77	-77	-77	-77	-77	-77	-77	-66	-66	-66	-66	-66
10 CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		7050	6986	7172	7053	6961	6974	7074	6941	6969	6972	7062	6883	7073	7237
13 SMALL THERMAL & MISC	7/	45	45	33	30	126	123	120	116	26	35	32	35	6	55
14 COMBUSTION TURBINES	8/	718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
15 CSPE PURCHASE	9/	288	288	288	288	288	288	288	288	288	243	243	243	243	243
16 RENEWABLES	10/	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17 COGENERATION	11/	0	0	237	237	237	237	237	237	237	237	237	237	237	237
18 IMPORTS	12/	1786	1786	1205	1393	1683	2132	2095	2123	1410	1184	1184	1338	1827	1835
19 CONTRACTS IN	13/	2745	2745	2781	3198	3456	3624	3532	3487	3218	2698	2698	2497	2646	2254
20 LARGE THERMAL	14/	3965	3965	3925	3916	3931	3923	3913	3727	3556	2913	3263	3358	3942	3996
21 NON-UTILITY GENERATION	15/	1190	1190	1160	1130	1132	1116	1116	1133	1142	1188	1186	653	1041	1222
22 TOTAL RESOURCES		17834	17770	17566	18009	19277	19880	19838	19515	17610	16235	16136	15427	17617	17845
23 HYD, SM THRM & MISC RES	16/	-456	-453	-472	-465	-500	-499	-504	-499	-461	-464	-440	-403	-452	-479
24 LARGE THERMAL RESERVES	17/	-800	-800	-721	-759	-707	-775	-761	-738	-687	-581	-634	-666	-799	-801
25 IOU HYDRO MAINT	18/	-741	-721	-520	-333	-142	-106	-79	-303	-486	-427	-411	-336	-302	-657
26 NET RESOURCES		15836	15796	15853	16453	17928	18500	18494	17975	15976	14763	14652	14023	16064	15908
27 SURPLUS/DEFICIT		798	757	1385	1227	1741	806	282	431	-160	-183	-294	-156	1129	863
28 DEDICATED RESOURCES	19/	12764	12700	12654	12825	12973	13433	13435	13173	12252	11454	11810	12255	13027	12897
29 BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE		798	757	1385	1227	1741	806	282	431	-160	-183	-294	-156	1129	863
31 EXTREME WEATHER ADJ.	21/	0	0	0	0	-1709	-1872	-1962	-1878	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		853	813	1425	1263	70	-1027	-1645	-1413	-123	-241	-352	-120	1171	919

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS — 1999- 0 OPERATING YEAR

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS																
1	SYSTEM LOADS		13164	13164	12708	14010	15126	16617	17244	16619	15223	14151	14151	13262	13343	13333
2	EXPORTS	1/	1556	1556	1487	964	835	863	869	836	816	806	806	836	1525	1558
3	CONTRACTS OUT	2/	652	652	612	612	612	662	662	662	612	518	518	577	577	652
4	TOTAL LOADS		15372	15372	14807	15586	16573	18142	18775	18117	16651	15475	15475	14675	15445	15543
RESOURCES																
5	REGULATED HYDRO		6168	6134	6362	6289	6166	6149	6292	6165	6157	6126	6208	6043	6212	6302
6	INDEPENDENT HYDRO		965	936	901	866	893	924	894	887	928	927	933	920	942	949
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	-27	-27	-27	-27	-27	-27	-27	-27	-27	-24	-24	-24	-24	-23
10	CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO		7106	7043	7236	7128	7032	7046	7159	7025	7058	7029	7117	6939	7130	7228
13	SMALL THERMAL & MISC	7/	55	55	45	48	158	154	153	149	46	47	42	46	6	55
14	COMBUSTION TURBINES	8/	718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
15	CSPE PURCHASE	9/	100	100	100	100	100	100	100	100	100	97	97	97	97	97
16	RENEWABLES	10/	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17	COGENERATION	11/	237	237	237	237	237	237	237	237	237	237	237	237	237	237
18	IMPORTS	12/	1589	1589	1329	1195	1732	1921	1983	2020	1209	1088	1088	1245	1742	1649
19	CONTRACTS IN	13/	2056	2056	2092	2459	2880	3048	3021	2976	2625	2196	2196	1913	2062	1978
20	LARGE THERMAL	14/	3997	3997	3964	3973	3982	3973	3972	3962	3794	3425	3298	3383	3978	3997
21	NON-UTILITY GENERATION	15/	1191	1191	1165	1138	1139	1122	1106	1131	1141	1183	1179	647	1035	1208
22	TOTAL RESOURCES		17095	17032	16933	17043	18724	19064	19194	19062	16975	16067	15485	14691	16889	17214
23	HYD, SM THRM & MISC RES	16/	-469	-465	-473	-467	-503	-502	-507	-503	-464	-465	-441	-404	-451	-475
24	LARGE THERMAL RESERVES	17/	-773	-773	-743	-736	-721	-750	-752	-756	-691	-642	-623	-654	-789	-769
25	IOU HYDRO MAINT	18/	-743	-723	-520	-333	-142	-106	-79	-304	-488	-427	-411	-336	-302	-657
26	NET RESOURCES		15110	15071	15197	15507	17358	17707	17856	17499	15332	14533	14010	13298	15347	15314
27	SURPLUS/DEFICIT		-262	-301	391	-79	785	-436	-919	-617	-1319	-942	-1464	-1377	-97	-229
28	DEDICATED RESOURCES	19/	12424	12361	12414	12233	12787	13020	13122	13046	11941	11622	11497	11850	12634	12539
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-262	-301	391	-79	785	-436	-919	-617	-1319	-942	-1464	-1377	-97	-229
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	-1805	-1982	-2064	-1977	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-198	-237	438	-32	-969	-2370	-2934	-2544	-1266	-993	-1513	-1336	-48	-174

TABLE 4: INVESTOR-OWNED UTILITIES

SUMMARY OF INVESTOR-OWNED UTILITIES LOADS AND RESOURCES IN THE PACIFIC NORTHWEST REGION
UNDER THE PACIFIC NORTHWEST ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS																
1	SYSTEM LOADS		14010	14010	13518	14868	16024	17626	18332	17682	16184	15032	15032	14100	14202	14131
2	EXPORTS	1/	1467	1467	1401	889	752	774	680	653	649	646	646	656	1340	1387
3	CONTRACTS OUT	2/	622	622	547	547	247	297	297	297	247	153	153	247	247	622
4	TOTAL LOADS		16099	16099	15466	16304	17023	18697	19309	18632	17080	15831	15831	15003	15789	16140
RESOURCES																
5	REGULATED HYDRO		6007	5973	6204	6131	6005	5987	6136	6010	6002	5973	6044	5881	6049	6181
6	INDEPENDENT HYDRO		988	959	925	885	912	946	915	905	949	953	954	944	970	971
7	MAY WATER BUDGET	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CNDA)	5/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO		6995	6932	7129	7016	6917	6933	7051	6915	6951	6926	6998	6825	7019	7152
13	SMALL THERMAL & MISC	7/	67	67	58	61	175	171	170	166	59	62	55	60	6	68
14	COMBUSTION TURBINES	8/	718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
15	CSPE PURCHASE	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	10/	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17	COGENERATION	11/	237	237	237	237	237	237	237	237	237	237	237	237	237	237
18	IMPORTS	12/	1500	1500	916	843	1369	1799	1872	1910	1199	979	979	1490	1663	1546
19	CONTRACTS IN	13/	1403	1403	1439	1505	2218	2322	2296	2252	1669	1548	1548	1265	1415	1424
20	LARGE THERMAL	14/	4038	4038	4007	4017	4024	4015	4012	4002	3837	3323	3999	3418	4026	4040
21	NON-UTILITY GENERATION	15/	1139	1139	1113	1085	1085	1066	1049	1074	1083	1127	1122	615	1002	1154
22	TOTAL RESOURCES		16144	16081	15664	15529	17487	18006	18150	18019	15800	14966	15169	14094	15970	16386
23	HYD, SM THRM & MISC RES	16/	-459	-456	-464	-458	-494	-493	-499	-493	-455	-456	-432	-395	-442	-468
24	LARGE THERMAL RESERVES	17/	-757	-757	-682	-685	-668	-734	-736	-740	-692	-606	-707	-691	-776	-753
25	IOU HYDRO MAINT	18/	-746	-725	-520	-333	-142	-106	-79	-305	-490	-427	-411	-336	-302	-657
26	NET RESOURCES		14182	14143	13998	14053	16183	16673	16835	16481	14163	13477	13619	12673	14449	14508
27	SURPLUS/DEFICIT		-1917	-1956	-1468	-2251	-840	-2024	-2474	-2151	-2917	-2353	-2212	-2330	-1340	-1632
28	DEDICATED RESOURCES	19/	12063	12000	11743	11617	12171	12656	12767	12684	11668	11113	11773	11837	12294	12204
29	BPA PWR SLE CNTRCT PRCH	20/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE		-1917	-1956	-1468	-2251	-840	-2024	-2474	-2151	-2917	-2353	-2212	-2330	-1340	-1632
31	EXTREME WEATHER ADJ.	21/	0	0	0	0	-1903	-2092	-2181	-2094	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX		-1841	-1881	-1413	-2193	-2681	-4056	-4596	-4185	-2853	-2396	-2250	-2279	-1282	-1568

PRIVATE UTILITY FOOTNOTES

Total Private Utilities Table 4

1. Private utilities' exports include Idaho Power Company's power sales to Sierra Pacific, Utah Associated Municipal Power System, the Cities of Azuza-Banning-Colton, and the City of Washington, Utah; Montana Power Company's power sales to the Los Angeles Department of Water and Power; Pacific Power and Light's transfer to its Northern California load, power sales to California Department of Water Resources, Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and Western Area Power Administration; Portland General Electric's power sales to the cities of Burbank and Glendale, Southern California Edison, and the Western Area Power Administration, and seasonal power exchange deliveries to Southern California Edison; Puget Sound Power and Light's seasonal power exchange deliveries to Pacific Gas and Electric; and Washington Water Power's seasonal power exchange deliveries to Pacific Gas and Electric.
2. Private utilities' contracts out include Idaho Power Company's replacement power sale to Oregon Trail Cooperative, seasonal power exchange deliveries to Seattle City Light and Montana Power Company, and a power sale to Montana Power Company; Montana Power Company's power sales to BPA, Pacific Power and Light, Puget Sound Power and Light and Washington Water Power, seasonal power exchange deliveries to Idaho Power Company, and exchange energy returned to BPA; Pacific Power and Light's power sale to Puget Sound Power and Light, WNP-3 settlement energy to BPA, and exchange energy to Colockum; Portland General Electric's contract to Pacific Power and Light for Cove replacement and exchange energy returned to Chelan County PUD, and WNP-3 settlement energy to BPA; Puget Sound Power and Light's power sales to BPA, seasonal power exchange deliveries to BPA (beginning July 1, 2001) and WNP-3 settlement energy to BPA; and Washington Water Power's power sales to Pacific Power and Light, Pend Oreille County PUD, and Puget Sound Power and Light, capacity sale to Portland General Electric, replacement power sale to Pacific Power and Light (Sandpoint), WNP-3 settlement energy to BPA, and deferred power exchange with BPA.
3. May Water Budget and June Columbia River Flow Augmentation is the energy loss due to the overgeneration which may be unusable as a firm resource. The overgeneration on the Private Utility systems was deemed to be usable during the months of May and June. Therefore, the loss due to the overgeneration was set to zero for the Private Utilities.
4. Canadian Entitlement Return non-Federal to the Columbia River Power Exchange (CSPE) reflects the private utilities' obligation of Canadian Entitlement allocation to CSPE, which expires April 1, 2003.

5. Canadian Entitlement Return non-Federal to Canada reflects the private utilities' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.
6. Restoration is the obligation of the private utilities that gained generation from the addition of Canadian storage to utilities that lost generation from it, according to the terms of the Pacific Northwest Coordination Agreement.
7. Private utilities' existing small thermal and miscellaneous resources include Idaho Power Company's Energy Management Systems; Puget Sound Power and Light's Shuffleton and Crystal Mountain; Portland General Electric's Summit plants; and Montana Power Company's portions of Bird and Corette in the region.
8. Private utilities' combustion turbines include Portland General Electric's Bethel and Beaver; Puget Sound Power and Light's Whidbey Island, Whitehorn, Fredrickson, and Fredonia; Washington Water Power's Northeast; and Idaho Power Company's Wood River.
9. Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through April 1, 2003, of the Canadian share of downstream benefits under the Treaty with Canada.
10. Private utilities' renewable resources include Washington Water Power's Kettle Falls.
11. Private utility cogeneration resources include Portland General Electric's Coyote Springs.
12. Private utilities' imports include Pacific Power and Light transfers from its Wyoming division and service to Southern Idaho loads for BPA; Portland General Electric Company's seasonal power exchange receipts from Southern California Edison; Puget Sound Power and Light's power purchase receipts from BC Hydro, and seasonal power exchange receipts from Pacific Gas and Electric; Utah Power Company's intra-company transfer; and Washington Water Power's seasonal power exchange receipts from Pacific Gas and Electric.
13. Private utilities' contracts in include Idaho Power Company's seasonal energy exchange receipts from Montana Power Company and Seattle City Light; Montana Power Company's power purchase and seasonal power exchange receipts from Idaho Power Company, and WNP-1 obligation receipts and capacity for energy exchange receipts from BPA; Pacific Power and Light's capacity receipts from BPA and Colockum, power purchase receipts from BPA for BPA's Southern Idaho load, power purchases from Grant County PUD, Montana Power Company and Washington Water Power, Cove replacement from Portland General Electric, and Sandpoint replacement power from Washington Water, WNP 1 obligation receipts and WNP 3 settlement receipts from BPA; Portland General Electric's capacity receipts from Chelan County PUD, Washington Water Power, and BPA, WNP 1 obligation and WNP 3 settlement from BPA; Puget Sound Power and Light power purchase and seasonal power exchange receipts from BPA, and power purchase receipts from BPA (Baker Head loss), Montana Power Company, other small and non-generating public agencies, Northern Wasco PUD, Pacific Power and Light, Snohomish County PUD, and Washington Water Power; WNP 1 obligation and WNP 3 settlement receipts from BPA; Washington Water Power capacity receipts, WNP 1 obligation, WNP 3

settlement, and deferred power exchange from BPA; and power purchase receipts from Montana Power Company.

14. Private utilities' large thermal includes the private utilities' shares of Centralia, Jim Bridger, Colstrip 1 and 2, Colstrip 3 and 4, Boardman Coal, and Valmy; and Puget Sound Power and Light's purchase of Grays Harbor's share of Centralia through OY 1996-97.
15. Private utilities' non-utility generating resources from independent power producers, power brokers, and qualifying facilities under the Public Utilities Regulatory Act (PURPA). These resources are summarized for the following private utilities: Idaho Power Company, Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power.
16. Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the private utilities' share in the capacity of these resources.
17. Large thermal reserve requirements are 15 percent of the private utilities' share of Pacific Northwest thermal resources and the Pacific Power and Light import from Wyoming.
18. Hydro maintenance is the sum of all private utility hydro project maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.
19. Dedicated resources are the actual resources used in the operating year prior to the signing of the Pacific Northwest Electric Power Planning and Conservation Act (Public Law 96-501) and other resources the utility dedicates to serve its load.
20. Purchases from BPA include the private utilities' contracted firm energy or firm capacity purchases under their power sales contracts and BPA's partnership program. Currently, no IOU places load on BPA through a power sales contract.
21. Extreme weather adjustment for all private utilities for severe cold weather in the months of November through February.
22. Possible extreme weather adjustment obligation on BPA for those private utilities having the right to place the obligation on BPA. No private utilities are assumed to place this obligation on BPA.

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SECTION XIII - INDIVIDUAL UTILITY LOAD AND RESOURCE BALANCES (FOR OYs 1995-96, 1999-2000, AND 2004-05)

Monthly Capacity Analysis

Section XIII - Individual Utility Load and Resource Balances (for OYs 1995-96, 1999-2000, and 2004-05)	Table	Page
Private Utilities		
Idaho Power Company	U-1	TA-1-474
Montana Power Company	U-2	TA-1-477
Pacific Power and Light Company	U-3	TA-1-480
Portland General Electric Company	U-4	TA-1-483
Puget Sound Power and Light Company	U-5	TA-1-486
Utah Power Company	U-6	TA-1-489
Washington Water Power Company	U-7	TA-1-492
Public Agencies		
Chelan County PUD #1	U-8	TA-1-495
Cowlitz County PUD #1	U-9	TA-1-498
Douglas County PUD #1	U-10	TA-1-501
Eugene Water and Electric Board	U-11	TA-1-504
Grant County PUD #2	U-12	TA-1-507
Pend Oreille County PUD #1	U-13	TA-1-510
Seattle City Light	U-14	TA-1-513
Snohomish County PUD #1	U-15	TA-1-516
Tacoma Public Utilities	U-16	TA-1-519
Small and Nongenerating Public Agencies	U-17	TA-1-522
Total Generating Public Agencies	U-18	TA-1-525

TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	2266	2266	2058	1918	2061	2115	2179	2100	1927	1928	1928	2136	2414	2422
2 EXPORTS	182	182	171	146	143	183	184	174	157	151	151	168	175	182
3 CONTRACTS OUT	36	36	36	86	86	136	136	136	86	11	11	11	11	0
4 TOTAL LOADS	2484	2484	2265	2150	2290	2434	2499	2410	2170	2090	2090	2315	2600	2604
RESOURCES														
5 REGULATED HYDRO	1112	1112	1327	1256	1148	1160	1345	1264	1253	1217	1261	1345	1139	1255
6 INDEPENDENT HYDRO	420	391	374	348	368	373	353	344	379	375	388	374	394	406
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	75	75	0	0	0	0	0	0	0	0	0	0	0	75
20 LARGE THERMAL	986	986	986	986	985	986	986	813	639	639	813	935	986	986
21 NON-UTILITY GENERATION	128	128	107	76	63	44	61	59	72	103	103	131	149	146
22 TOTAL RESOURCES	2721	2692	2794	2666	2564	2563	2745	2480	2343	2334	2565	2785	2668	2868
23 HYD, SM THRM & MISC RES.	-83	-82	-90	-84	-79	-79	-88	-83	-85	-85	-88	-92	-84	-90
24 LARGE THERMAL RESERVES	-148	-148	-148	-148	-148	-148	-148	-122	-96	-96	-122	-140	-148	-148
25 HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
26 NET RESOURCES	2409	2381	2490	2389	2322	2336	2509	2236	2066	2113	2315	2535	2426	2544
27 SURPLUS/DEFICIT	-75	-103	226	239	33	-98	10	-174	-104	23	225	220	-173	-60
28 DEDICATED RESOURCES	2160	2131	2319	2216	2117	2076	2257	2002	1882	1879	2110	2364	2189	2318
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-75	-103	226	239	33	-98	10	-174	-104	23	225	220	-173	-60
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-276	-283	-292	-281	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-75	-103	226	239	-243	-381	-282	-455	-104	23	225	220	-173	-60

TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2369	2369	2161	2005	2148	2206	2269	2186	2010	2011	2011	2243	2529	2540
2	EXPORTS	105	105	100	90	99	106	107	100	84	76	76	97	103	89
3	CONTRACTS OUT	0	0	0	0	0	50	50	50	0	0	0	0	0	0
4	TOTAL LOADS	2474	2474	2261	2095	2247	2362	2426	2336	2094	2087	2087	2340	2632	2629
RESOURCES															
5	REGULATED HYDRO	1112	1112	1327	1256	1148	1160	1345	1264	1253	1217	1261	1345	1139	1255
6	INDEPENDENT HYDRO	420	391	374	348	368	373	353	344	379	375	388	374	394	406
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	75	75	0	0	0	0	0	0	0	0	0	0	0	75
20	LARGE THERMAL	986	986	986	985	986	986	986	986	812	639	813	935	986	986
21	NON-UTILITY GENERATION	137	137	118	87	73	53	53	58	72	104	103	131	149	146
22	TOTAL RESOURCES	2730	2701	2805	2676	2575	2572	2737	2652	2516	2335	2565	2785	2668	2868
23	HYD, SM THRM & MISC RES.	-83	-82	-91	-85	-79	-79	-87	-83	-85	-85	-88	-92	-84	-90
24	LARGE THERMAL RESERVES	-148	-148	-148	-148	-148	-148	-148	-148	-122	-96	-122	-140	-148	-148
25	HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
26	NET RESOURCES	2418	2390	2500	2398	2333	2345	2502	2382	2213	2114	2315	2535	2426	2544
27	SURPLUS/DEFICIT	-56	-84	239	303	86	-17	76	46	119	27	228	195	-206	-85
28	DEDICATED RESOURCES	2257	2228	2412	2293	2183	2173	2337	2259	2139	1966	2196	2446	2272	2411
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-56	-84	239	303	86	-17	76	46	119	27	228	195	-206	-85
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-288	-296	-304	-293	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-56	-84	239	303	-202	-313	-228	-247	119	27	228	195	-206	-85

TABLE U-1

IDAHO POWER COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2478	2478	2275	2085	2229	2287	2356	2299	2088	2087	2087	2346	2632	2645
2	EXPORTS	7	7	7	7	7	7	7	7	7	7	7	7	7	7
3	CONTRACTS OUT	0	0	0	0	0	50	50	50	0	0	0	0	0	0
4	TOTAL LOADS	2485	2485	2282	2092	2236	2344	2413	2356	2095	2094	2094	2353	2639	2652
RESOURCES															
5	REGULATED HYDRO	1112	1112	1327	1256	1148	1160	1345	1264	1253	1217	1261	1345	1139	1255
6	INDEPENDENT HYDRO	420	391	374	348	368	373	353	344	379	375	388	374	394	406
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	75	75	0	0	0	0	0	0	0	0	0	0	0	75
20	LARGE THERMAL	986	986	985	986	986	985	985	985	812	986	986	935	986	986
21	NON-UTILITY GENERATION	137	137	118	87	73	53	53	58	72	103	103	131	149	146
22	TOTAL RESOURCES	2730	2701	2804	2677	2575	2571	2736	2651	2516	2681	2738	2785	2668	2868
23	HYD, SM THRM & MISC RES.	-83	-82	-91	-85	-79	-79	-87	-83	-85	-85	-88	-92	-84	-90
24	LARGE THERMAL RESERVES	-148	-148	-148	-148	-148	-148	-148	-148	-122	-148	-148	-140	-148	-148
25	HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
26	NET RESOURCES	2418	2390	2499	2399	2333	2344	2501	2381	2213	2408	2462	2535	2426	2544
27	SURPLUS/DEFICIT	-67	-95	217	307	97	0	88	25	118	314	368	182	-213	-108
28	DEDICATED RESOURCES	2355	2326	2504	2377	2275	2271	2436	2351	2216	2381	2438	2536	2368	2493
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-67	-95	217	307	97	0	88	25	118	314	368	182	-213	-108
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-299	-307	-316	-308	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-67	-95	217	307	-202	-307	-228	-283	118	314	368	182	-213	-108

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	431	431	414	431	470	502	494	460	419	386	386	383	415	427
2	EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	CONTRACTS OUT	179	179	104	104	104	104	94	94	94	0	0	94	94	169
4	TOTAL LOADS	721	721	629	646	685	717	699	665	624	497	497	588	620	707
RESOURCES															
5	REGULATED HYDRO	49	49	34	30	36	33	35	30	30	42	37	43	49	74
6	INDEPENDENT HYDRO	69	69	50	36	46	43	40	30	34	50	43	47	59	87
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	118	118	84	66	82	76	75	60	64	92	80	90	108	161
13	SMALL THERMAL & MISC	39	39	27	24	29	26	23	19	20	29	26	29	0	49
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	205	205	205	255	255	305	305	305	255	180	180	180	180	100
20	LARGE THERMAL	347	347	307	298	314	305	295	282	285	285	302	284	324	378
21	NON-UTILITY GENERATION	26	26	18	17	20	18	16	13	14	20	18	20	22	33
22	TOTAL RESOURCES	735	735	641	660	700	730	714	679	638	606	606	603	634	721
23	HYD, SM THRM & MISC RES.	-9	-9	-7	-5	-6	-6	-6	-5	-5	-7	-6	-7	-7	-12
24	LARGE THERMAL RESERVES	-52	-52	-46	-45	-47	-46	-44	-42	-43	-43	-45	-43	-49	-57
25	HYDRO MAINTENANCE	-8	-8	0	0	0	0	0	-1	-3	0	0	0	0	-1
26	NET RESOURCES	666	666	588	610	647	678	664	631	587	556	555	553	578	651
27	SURPLUS/DEFICIT	-56	-56	-40	-37	-38	-39	-36	-35	-37	59	58	-35	-42	-56
28	DEDICATED RESOURCES	403	403	397	418	453	486	473	443	401	359	363	356	416	379
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-56	-56	-40	-37	-38	-39	-36	-35	-37	59	58	-35	-42	-56
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-56	-56	-40	-37	-38	-39	-36	-35	-37	59	58	-35	-42	-56

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	411	411	413	419	461	489	500	468	423	392	392	381	414	428
2	EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	CONTRACTS OUT	169	169	94	94	94	94	94	94	94	0	0	94	94	169
4	TOTAL LOADS	691	691	618	624	666	694	705	673	628	503	503	586	619	708
RESOURCES															
5	REGULATED HYDRO	61	61	49	52	55	51	62	56	58	60	51	59	66	75
6	INDEPENDENT HYDRO	85	85	71	61	70	68	70	60	67	69	62	65	77	87
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	146	146	120	113	125	119	132	116	125	129	113	124	143	162
13	SMALL THERMAL & MISC	49	49	39	42	61	57	56	52	40	41	36	40	0	49
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	100	100	100	100	100	150	150	150	100	100	100	100	100	100
20	LARGE THERMAL	379	379	346	356	364	355	354	344	349	313	337	309	359	379
21	NON-UTILITY GENERATION	32	32	26	28	30	28	28	25	27	28	25	27	30	33
22	TOTAL RESOURCES	706	706	631	639	680	709	720	687	641	611	611	600	632	723
23	HYD, SM THRM & MISC RES.	-11	-11	-9	-9	-11	-10	-11	-10	-10	-10	-9	-10	-9	-12
24	LARGE THERMAL RESERVES	-57	-57	-52	-53	-55	-53	-53	-52	-52	-47	-50	-46	-54	-57
25	HYDRO MAINTENANCE	-10	-10	0	0	0	0	0	-2	-5	0	0	0	0	-1
26	NET RESOURCES	627	627	570	577	614	646	656	622	574	554	552	544	569	652
27	SURPLUS/DEFICIT	-64	-64	-47	-47	-52	-48	-50	-50	-53	51	49	-42	-50	-56
28	DEDICATED RESOURCES	363	363	374	378	417	450	460	430	383	351	357	342	414	380
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-64	-64	-47	-47	-52	-48	-50	-50	-53	51	49	-42	-50	-56
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-64	-64	-47	-47	-52	-48	-50	-50	-53	51	49	-42	-50	-56

TABLE U-2

MONTANA POWER COMPANY
REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	411	411	417	420	462	494	504	471	428	400	400	386	418	435
2	EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	CONTRACTS OUT	169	169	94	94	94	94	94	94	94	0	0	94	94	169
4	TOTAL LOADS	691	691	622	625	667	699	709	676	633	511	511	591	623	715
RESOURCES															
5	REGULATED HYDRO	76	76	65	68	70	65	79	75	77	81	71	80	86	95
6	INDEPENDENT HYDRO	108	108	95	80	89	90	91	78	88	95	83	89	105	109
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	184	184	160	148	159	155	170	153	165	176	154	169	191	204
13	SMALL THERMAL & MISC	61	61	52	55	78	74	73	69	53	56	49	54	0	62
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0
20	LARGE THERMAL	420	420	390	399	406	398	394	384	393	348	381	344	408	422
21	NON-UTILITY GENERATION	40	40	35	37	38	36	36	34	36	39	34	37	39	42
22	TOTAL RESOURCES	705	705	637	639	681	713	723	690	647	619	618	604	638	730
23	HYD, SM THRM & MISC RES.	-14	-14	-12	-12	-14	-13	-14	-13	-13	-13	-12	-13	-11	-15
24	LARGE THERMAL RESERVES	-63	-63	-58	-60	-61	-60	-59	-58	-59	-52	-57	-52	-61	-63
25	HYDRO MAINTENANCE	-13	-13	0	0	0	0	0	-3	-6	0	0	0	0	-2
26	NET RESOURCES	615	615	567	567	606	640	650	616	568	554	549	539	565	650
27	SURPLUS/DEFICIT	-76	-76	-55	-58	-62	-59	-59	-60	-64	43	38	-52	-58	-65
28	DEDICATED RESOURCES	350	350	366	364	404	440	451	421	375	344	350	331	418	374
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-76	-76	-55	-58	-62	-59	-59	-60	-64	43	38	-52	-58	-65
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-76	-76	-55	-58	-62	-59	-59	-60	-64	43	38	-52	-58	-65

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	3025	3025	2868	3092	3372	3839	3911	3888	3505	3169	3169	2847	2834	3006
2	EXPORTS	570	570	507	518	550	571	474	450	446	444	444	453	461	507
3	CONTRACTS OUT	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4	TOTAL LOADS	3795	3795	3575	3810	4122	4610	4585	4538	4151	3813	3813	3500	3495	3713
RESOURCES															
5	REGULATED HYDRO	949	925	945	934	917	903	895	900	906	906	918	741	948	948
6	INDEPENDENT HYDRO	351	351	347	348	346	374	362	374	373	374	374	372	362	348
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-14	-14	-14	-14	-14
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1284	1260	1276	1266	1247	1261	1241	1258	1263	1266	1278	1099	1296	1282
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	57	57	57	57	57	57	57	57	57	49	49	49	49	49
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	1363	1363	878	1137	777	1242	1158	1188	1023	960	960	1082	1385	1336
19	CONTRACTS IN	1509	1509	1538	1604	1657	1712	1620	1577	1549	1517	1517	1428	1446	1381
20	LARGE THERMAL	783	783	783	783	783	783	783	783	783	464	464	783	783	783
21	NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	54	61	61	72	59	57
22	TOTAL RESOURCES	5049	5025	4583	4896	4574	5108	4898	4924	4729	4317	4329	4513	5018	4888
23	HYD, SM THRM & MISC RES.	-68	-66	-67	-67	-66	-66	-65	-67	-67	-67	-67	-59	-68	-68
24	LARGE THERMAL RESERVES	-322	-322	-249	-288	-234	-304	-291	-296	-271	-213	-214	-280	-325	-318
25	HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
26	NET RESOURCES	4484	4480	4187	4488	4246	4715	4519	4529	4337	3960	3960	4082	4522	4255
27	SURPLUS/DEFICIT	689	685	612	678	124	105	-66	-9	186	147	147	582	1027	542
28	DEDICATED RESOURCES	4752	4728	4257	4504	4129	4609	4482	4550	4385	3999	4011	4283	4772	4628
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	689	685	612	678	124	105	-66	-9	186	147	147	582	1027	542
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-169	-192	-196	-194	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	689	685	612	678	-45	-87	-262	-203	186	147	147	582	1027	542

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	3234	3234	3067	3304	3603	4102	4134	4142	3734	3375	3375	3033	3018	3203
2	EXPORTS	495	495	431	443	455	476	481	455	451	449	449	458	466	513
3	CONTRACTS OUT	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4	TOTAL LOADS	3929	3929	3698	3947	4258	4778	4815	4797	4385	4024	4024	3691	3684	3916
RESOURCES															
5	REGULATED HYDRO	949	925	945	934	917	903	895	900	906	906	918	741	948	948
6	INDEPENDENT HYDRO	351	351	347	348	346	374	362	374	373	374	374	372	362	348
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1294	1270	1286	1276	1257	1271	1251	1268	1273	1275	1287	1108	1305	1291
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	20	20	20	20	20	20	20	20	20	19	19	19	19	19
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	1149	1149	988	928	817	1023	1034	1073	811	853	853	977	1279	1126
19	CONTRACTS IN	1245	1245	1274	1340	1556	1611	1584	1541	1431	1401	1401	1230	1248	1263
20	LARGE THERMAL	783	783	783	783	783	783	783	783	783	783	464	783	783	783
21	NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	54	61	61	72	59	57
22	TOTAL RESOURCES	4544	4520	4402	4396	4486	4761	4711	4746	4372	4392	4085	4189	4693	4539
23	HYD, SM THRM & MISC RES.	-68	-66	-67	-66	-66	-66	-65	-67	-67	-67	-67	-59	-68	-68
24	LARGE THERMAL RESERVES	-290	-290	-266	-257	-240	-271	-273	-278	-239	-245	-198	-264	-309	-286
25	HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
26	NET RESOURCES	4011	4007	3989	4020	4152	4401	4350	4369	4012	4003	3732	3774	4213	3938
27	SURPLUS/DEFICIT	82	78	291	73	-106	-377	-465	-428	-373	-21	-292	83	529	22
28	DEDICATED RESOURCES	4407	4383	4236	4164	4201	4422	4395	4472	4128	4174	3867	4059	4547	4379
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	82	78	291	73	-106	-377	-465	-428	-373	-21	-292	83	529	22
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-180	-205	-207	-207	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	82	78	291	73	-286	-582	-672	-635	-373	-21	-292	83	529	22

TABLE U-3

PACIFIC POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	3532	3532	3349	3608	3934	4479	4526	4515	4069	3679	3679	3305	3290	3438
2 EXPORTS	504	504	438	451	464	486	392	365	361	358	358	368	377	424
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	4036	4036	3787	4059	4398	4965	4918	4880	4430	4037	4037	3673	3667	3862
RESOURCES														
5 REGULATED HYDRO	949	925	945	934	917	903	895	900	906	906	918	741	948	948
6 INDEPENDENT HYDRO	351	351	347	348	346	374	362	374	373	374	374	372	362	348
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	1300	1276	1292	1282	1263	1277	1257	1274	1279	1280	1292	1113	1310	1296
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	1006	1006	534	543	425	874	889	929	770	715	715	1189	1143	976
19 CONTRACTS IN	1130	1130	1159	1225	1442	1496	1470	1426	1316	1289	1289	1117	1135	1151
20 LARGE THERMAL	783	783	783	783	783	783	783	783	783	464	783	783	783	783
21 NON-UTILITY GENERATION	53	53	51	49	53	54	39	61	54	61	61	72	59	57
22 TOTAL RESOURCES	4272	4248	3819	3882	3966	4484	4438	4473	4202	3809	4140	4274	4430	4263
23 HYD, SM THRM & MISC RES.	-68	-66	-67	-66	-66	-66	-65	-67	-67	-67	-67	-59	-68	-68
24 LARGE THERMAL RESERVES	-268	-268	-198	-199	-181	-248	-251	-257	-233	-177	-225	-296	-289	-264
25 HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
26 NET RESOURCES	3761	3757	3474	3564	3690	4147	4099	4118	3849	3487	3760	3827	3971	3683
27 SURPLUS/DEFICIT	-275	-279	-313	-495	-708	-818	-819	-762	-581	-550	-277	154	304	-179
28 DEDICATED RESOURCES	4238	4214	3756	3753	3783	4247	4224	4302	4061	3693	4024	4247	4387	4205
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	-275	-279	-313	-495	-708	-818	-819	-762	-581	-550	-277	154	304	-179
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-197	-224	-226	-226	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	-275	-279	-313	-495	-905	-1042	-1045	-988	-581	-550	-277	154	304	-179

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2731	2731	2563	2894	3156	3408	3645	3254	3092	2955	2955	2736	2526	2621
2	EXPORTS	395	395	395	170	170	170	170	170	170	170	170	170	395	395
3	CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	TOTAL LOADS	3129	3129	2961	3067	3329	3581	3818	3427	3265	3128	3128	2909	2924	3019
RESOURCES															
5	REGULATED HYDRO	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
6	INDEPENDENT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	35
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-19	-19	-19	-19	-19
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1229	1229	1229	1229	1229	1229	1229	1229	1229	1232	1232	1232	1232	1231
13	SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	COMBUSTION TURBINES	650	650	650	650	650	650	650	650	650	650	116	116	534	650
15	CSPE PURCHASE	101	101	101	101	101	101	101	101	101	85	85	85	85	85
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	237	237	237	237	237	237	237	237	237	237	237	237
18	IMPORTS	0	0	0	0	225	225	225	225	0	0	0	0	0	0
19	CONTRACTS IN	264	264	264	264	378	438	438	438	296	290	290	208	258	178
20	LARGE THERMAL	657	657	657	657	657	657	657	657	657	640	640	323	657	657
21	NON-UTILITY GENERATION	16	16	16	20	28	31	29	28	28	29	29	27	21	16
22	TOTAL RESOURCES	2923	2923	3160	3164	3511	3574	3572	3571	3204	3169	2635	2234	3030	3060
23	HYD, SM THRM & MISC RES.	-96	-96	-108	-108	-109	-109	-108	-109	-109	-109	-82	-82	-103	-108
24	LARGE THERMAL RESERVES	-99	-99	-99	-99	-99	-98	-99	-99	-98	-96	-96	-48	-98	-99
25	HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
26	NET RESOURCES	2549	2544	2815	2880	3273	3341	3342	3331	2928	2883	2368	1989	2710	2702
27	SURPLUS/DEFICIT	-580	-585	-146	-187	-56	-240	-476	-96	-337	-245	-760	-920	-214	-317
28	DEDICATED RESOURCES	1499	1499	1736	1736	1961	1961	1961	1961	1736	1700	1617	1634	1712	1716
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-580	-585	-146	-187	-56	-240	-476	-96	-337	-245	-760	-920	-214	-317
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-442	-477	-510	-456	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-580	-585	-146	-187	-498	-717	-986	-552	-337	-245	-760	-920	-214	-317

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2845	2845	2654	2991	3239	3503	3740	3336	3174	3034	3034	2818	2623	2727
2	EXPORTS	395	395	395	170	170	170	170	170	170	170	170	170	395	395
3	CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	TOTAL LOADS	3243	3243	3052	3164	3412	3676	3913	3509	3347	3207	3207	2991	3021	3125
RESOURCES															
5	REGULATED HYDRO	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
6	INDEPENDENT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	35
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1243	1243	1243	1243	1243	1243	1243	1243	1243	1245	1245	1245	1245	1244
13	SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	COMBUSTION TURBINES	650	650	650	650	650	650	650	650	650	650	116	116	534	650
15	CSPE PURCHASE	35	35	35	35	35	35	35	35	35	34	34	34	34	34
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	237	237	237	237	237	237	237	237	237	237	237	237	237	237
18	IMPORTS	0	0	0	0	225	225	225	225	0	0	0	0	0	0
19	CONTRACTS IN	156	156	156	156	270	330	330	330	188	184	184	102	152	62
20	LARGE THERMAL	657	657	657	657	657	657	657	657	657	657	640	323	657	657
21	NON-UTILITY GENERATION	16	16	16	20	28	31	29	29	28	29	29	27	21	16
22	TOTAL RESOURCES	3000	3000	3000	3004	3351	3414	3412	3412	3044	3042	2491	2090	2886	2906
23	HYD, SM THRM & MISC RES.	-108	-108	-108	-108	-109	-109	-109	-109	-109	-109	-82	-82	-102	-108
24	LARGE THERMAL RESERVES	-99	-99	-98	-99	-99	-99	-99	-99	-99	-99	-96	-49	-99	-99
25	HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
26	NET RESOURCES	2614	2609	2656	2720	3113	3180	3181	3172	2767	2753	2224	1844	2566	2548
27	SURPLUS/DEFICIT	-629	-634	-396	-444	-299	-496	-732	-337	-580	-454	-983	-1147	-455	-577
28	DEDICATED RESOURCES	1656	1656	1656	1656	1881	1881	1881	1881	1656	1653	1553	1570	1648	1652
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-629	-634	-396	-444	-299	-496	-732	-337	-580	-454	-983	-1147	-455	-577
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-453	-490	-524	-467	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-629	-634	-396	-444	-752	-986	-1256	-804	-580	-454	-983	-1147	-455	-577

TABLE U-4

PORTLAND GENERAL ELECTRIC
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	3019	3019	2802	3153	3390	3673	3937	3510	3348	3193	3193	2974	2790	2909
2	EXPORTS	395	395	395	170	170	170	170	170	170	170	170	170	395	395
3	CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	TOTAL LOADS	3417	3417	3200	3326	3563	3846	4110	3683	3521	3366	3366	3147	3188	3307
RESOURCES															
5	REGULATED HYDRO	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215	1215
6	INDEPENDENT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	35
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1250
13	SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	COMBUSTION TURBINES	650	650	650	650	650	650	650	650	650	650	116	116	534	650
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	237	237	237	237	237	237	237	237	237	237	237	237	237	237
18	IMPORTS	0	0	0	0	225	225	225	225	0	0	0	0	0	0
19	CONTRACTS IN	50	50	50	50	164	164	164	164	82	82	82	0	50	50
20	LARGE THERMAL	657	657	657	657	657	657	657	657	657	640	657	323	657	657
21	NON-UTILITY GENERATION	16	16	16	20	28	31	29	28	28	29	29	27	21	16
22	TOTAL RESOURCES	2867	2867	2867	2871	3218	3221	3219	3218	2911	2895	2378	1960	2756	2866
23	HYD, SM THRM & MISC RES.	-108	-108	-108	-108	-109	-109	-109	-109	-109	-109	-82	-82	-102	-108
24	LARGE THERMAL RESERVES	-99	-99	-99	-99	-99	-99	-99	-98	-99	-96	-98	-48	-99	-99
25	HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
26	NET RESOURCES	2481	2476	2522	2587	2980	2987	2988	2979	2634	2609	2109	1715	2436	2508
27	SURPLUS/DEFICIT	-936	-941	-678	-739	-583	-859	-1122	-704	-887	-757	-1257	-1432	-752	-799
28	DEDICATED RESOURCES	1613	1613	1613	1613	1838	1838	1838	1838	1613	1596	1530	1530	1608	1612
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-936	-941	-678	-739	-583	-859	-1122	-704	-887	-757	-1257	-1432	-752	-799
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-475	-514	-551	-491	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-936	-941	-678	-739	-1058	-1373	-1673	-1195	-887	-757	-1257	-1432	-752	-799

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2459	2459	2668	3428	3709	4212	4371	4291	3964	3560	3560	3090	2895	2511
2	EXPORTS	300	300	300	0	0	0	0	0	0	0	0	0	300	300
3	CONTRACTS OUT	30	30	65	65	65	65	65	65	65	65	65	30	30	30
4	TOTAL LOADS	2789	2789	3033	3493	3774	4277	4436	4356	4029	3625	3625	3120	3225	2841
RESOURCES															
5	REGULATED HYDRO	1700	1699	1698	1697	1696	1685	1659	1642	1642	1636	1645	1544	1700	1696
6	INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-32	-32	-32	-32	-32	-32	-32	-32	-32	-26	-26	-26	-26	-26
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1740	1739	1738	1737	1736	1725	1699	1682	1682	1682	1691	1590	1746	1742
13	SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	698	698	698	698	0	0	0	0	0	0
15	CSPE PURCHASE	101	101	101	101	101	101	101	101	101	85	85	85	85	85
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	4	4	4	4	304	304	304	304	4	4	4	4	4	4
19	CONTRACTS IN	548	548	630	931	940	943	943	941	933	526	526	537	618	456
20	LARGE THERMAL	773	773	773	773	773	773	773	773	773	567	726	614	773	773
21	NON-UTILITY GENERATION	725	725	725	725	724	724	725	725	725	725	725	179	565	725
22	TOTAL RESOURCES	3891	3890	3971	4271	5367	5359	5334	5315	4218	3589	3757	3009	3791	3785
23	HYD, SM THRM & MISC RES.	-125	-125	-125	-125	-164	-163	-162	-161	-122	-122	-122	-90	-117	-125
24	LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-85	-109	-92	-116	-116
25	HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
26	NET RESOURCES	3520	3515	3635	3967	5055	5046	5032	5013	3864	3231	3382	2735	3500	3444
27	SURPLUS/DEFICIT	731	726	602	474	1281	769	596	657	-165	-394	-243	-385	275	603
28	DEDICATED RESOURCES	2444	2443	2442	2441	2804	2793	2767	2750	2386	2152	2320	2107	2422	2338
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	731	726	602	474	1281	769	596	657	-165	-394	-243	-385	275	603
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-593	-674	-699	-687	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	731	726	602	474	688	95	-103	-30	-165	-394	-243	-385	275	603

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	2713	2713	2946	3782	4093	4648	4775	4688	4330	3890	3890	3376	3163	2744
2 EXPORTS	300	300	300	0	0	0	0	0	0	0	0	0	300	300
3 CONTRACTS OUT	30	30	65	65	65	65	65	65	65	65	65	30	30	30
4 TOTAL LOADS	3043	3043	3311	3847	4158	4713	4840	4753	4395	3955	3955	3406	3493	3074
RESOURCES														
5 REGULATED HYDRO	1678	1678	1676	1675	1674	1664	1637	1620	1620	1614	1625	1524	1680	1643
6 INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-10
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	1739	1739	1737	1736	1735	1725	1698	1681	1681	1675	1686	1585	1741	1705
13 SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	698	698	698	698	0	0	0	0	0	0
15 CSPE PURCHASE	35	35	35	35	35	35	35	35	35	34	34	34	34	34
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	4	4	4	4	304	304	304	304	4	4	4	4	4	4
19 CONTRACTS IN	426	426	508	809	818	821	821	819	811	416	416	427	508	424
20 LARGE THERMAL	773	773	773	773	773	773	773	773	774	614	726	614	774	773
21 NON-UTILITY GENERATION	711	711	711	711	711	711	711	711	711	711	711	166	551	711
22 TOTAL RESOURCES	3688	3688	3768	4068	5165	5158	5131	5112	4016	3454	3577	2830	3612	3651
23 HYD, SM THRM & MISC RES.	-123	-123	-123	-123	-162	-162	-160	-160	-120	-120	-120	-88	-115	-121
24 LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-92	-109	-92	-116	-116
25 HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
26 NET RESOURCES	3319	3315	3434	3766	4855	4846	4831	4811	3664	3091	3204	2558	3323	3314
27 SURPLUS/DEFICIT	276	272	123	-81	697	133	-9	58	-731	-864	-751	-848	-170	240
28 DEDICATED RESOURCES	2255	2255	2253	2252	2615	2605	2578	2561	2197	2031	2154	1941	2256	2218
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	276	272	123	-81	697	133	-9	58	-731	-864	-751	-848	-170	240
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-655	-744	-764	-750	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	276	272	123	-81	42	-611	-773	-692	-731	-864	-751	-848	-170	240

TABLE U-5

PUGET SOUND POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	2912	2912	3161	4061	4395	4991	5140	5048	4663	4189	4189	3636	3406	2954
2	EXPORTS	300	300	300	0	0	0	0	0	0	0	0	0	300	300
3	CONTRACTS OUT	300	300	300	300	0	0	0	0	0	0	0	0	0	300
4	TOTAL LOADS	3512	3512	3761	4361	4395	4991	5140	5048	4663	4189	4189	3636	3706	3554
RESOURCES															
5	REGULATED HYDRO	1502	1502	1502	1501	1498	1488	1464	1446	1446	1440	1441	1341	1497	1502
6	INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1574	1574	1574	1573	1570	1560	1536	1518	1518	1512	1513	1413	1569	1574
13	SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	698	698	698	698	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	4	4	4	4	304	304	304	304	4	4	4	4	4	4
19	CONTRACTS IN	98	98	180	180	480	480	480	480	180	86	86	98	180	98
20	LARGE THERMAL	773	773	773	773	773	773	774	774	773	567	773	614	773	773
21	NON-UTILITY GENERATION	711	711	711	711	711	711	711	711	711	711	711	166	551	711
22	TOTAL RESOURCES	3160	3160	3242	3241	4627	4617	4594	4576	3186	2880	3087	2295	3077	3160
23	HYD, SM THRM & MISC RES.	-114	-114	-114	-114	-153	-153	-152	-151	-111	-111	-111	-79	-106	-114
24	LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-85	-116	-92	-116	-116
25	HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
26	NET RESOURCES	2800	2796	2917	2948	4326	4314	4302	4284	2843	2533	2716	2032	2797	2830
27	SURPLUS/DEFICIT	-712	-716	-844	-1413	-69	-677	-838	-764	-1820	-1656	-1473	-1604	-909	-724
28	DEDICATED RESOURCES	2033	2033	2033	2032	2393	2383	2359	2341	1977	1765	1972	1713	2028	2033
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	-712	-716	-844	-1413	-69	-677	-838	-764	-1820	-1656	-1473	-1604	-909	-724
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-703	-799	-822	-808	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-712	-716	-844	-1413	-772	-1476	-1660	-1572	-1820	-1656	-1473	-1604	-909	-724

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	419	419	323	252	227	211	258	256	233	220	220	252	438	495
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	419	419	323	252	227	211	258	256	233	220	220	252	438	495
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	419	419	323	252	227	211	258	256	233	220	220	252	438	495
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	419	419	323	252	227	211	258	256	233	220	220	252	438	495
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	419	419	323	252	227	211	258	256	233	220	220	252	438	495
27 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	436	436	337	263	236	219	270	268	244	231	231	264	459	519
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	436	436	337	263	236	219	270	268	244	231	231	264	459	519
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	436	436	337	263	236	219	270	268	244	231	231	264	459	519
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	436	436	337	263	236	219	270	268	244	231	231	264	459	519
23 HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	436	436	337	263	236	219	270	268	244	231	231	264	459	519
27 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH POWER & LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	490	490	378	296	265	246	304	302	275	260	260	297	516	566
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	490	490	378	296	265	246	304	302	275	260	260	297	516	566
RESOURCES															
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	490	490	378	296	265	246	304	302	275	260	260	297	516	566
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	490	490	378	296	265	246	304	302	275	260	260	297	516	566
23	HYD, SM THRM & MISC RES.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	490	490	378	296	265	246	304	302	275	260	260	297	516	566
27	SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1137	1137	1118	1243	1345	1449	1556	1531	1304	1212	1212	1134	1122	1155
2	EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3	CONTRACTS OUT	415	415	415	415	416	416	361	361	361	361	361	361	361	361
4	TOTAL LOADS	1702	1702	1683	1808	1761	1865	1917	1892	1665	1573	1573	1495	1633	1666
RESOURCES															
5	REGULATED HYDRO	1153	1143	1150	1157	1157	1156	1138	1110	1105	1114	1138	1159	1164	1166
6	INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1147	1137	1144	1151	1151	1150	1132	1104	1099	1108	1132	1153	1158	1160
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	CSPE PURCHASE	29	29	29	29	29	29	29	29	29	24	24	24	24	24
16	RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	150	150	150	150	150	0	0	0	0	0
19	CONTRACTS IN	144	144	144	144	226	226	226	226	185	185	185	144	144	64
20	LARGE THERMAL	419	419	419	419	419	419	419	419	419	318	318	419	419	419
21	NON-UTILITY GENERATION	242	242	243	243	244	246	246	247	249	250	250	224	225	245
22	TOTAL RESOURCES	2096	2086	2094	2101	2334	2335	2317	2290	2246	2000	2024	2032	2038	2027
23	HYD, SM THRM & MISC RES.	-75	-75	-75	-76	-76	-76	-75	-74	-73	-74	-75	-73	-73	-76
24	LARGE THERMAL RESERVES	-63	-63	-63	-63	-63	-63	-63	-63	-63	-48	-48	-63	-63	-63
25	HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
26	NET RESOURCES	1790	1791	1815	1867	2159	2174	2170	1979	1961	1801	1851	1877	1889	1818
27	SURPLUS/DEFICIT	88	89	132	59	398	309	253	87	296	228	278	382	256	152
28	DEDICATED RESOURCES	1506	1496	1503	1510	1509	1508	1495	1467	1462	1365	1389	1511	1516	1518
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	88	89	132	59	398	309	253	87	296	228	278	382	256	152
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-229	-246	-265	-260	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	88	89	132	59	169	63	-12	-173	296	228	278	382	256	152

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1156	1156	1130	1246	1346	1450	1556	1531	1308	1218	1218	1147	1137	1172
2	EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3	CONTRACTS OUT	250	250	250	250	250	250	250	250	250	250	250	250	250	250
4	TOTAL LOADS	1556	1556	1530	1646	1596	1700	1806	1781	1558	1468	1468	1397	1537	1572
RESOURCES															
5	REGULATED HYDRO	1153	1143	1150	1157	1157	1156	1138	1110	1105	1114	1138	1159	1164	1166
6	INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1152	1142	1149	1156	1156	1155	1137	1109	1104	1113	1137	1158	1163	1165
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	150	150	150	150	150	0	0	0	0	0
19	CONTRACTS IN	54	54	54	54	136	136	136	136	95	95	95	54	54	54
20	LARGE THERMAL	419	419	419	419	419	419	419	419	419	419	318	419	419	419
21	NON-UTILITY GENERATION	242	242	243	243	244	246	246	247	249	250	250	224	225	245
22	TOTAL RESOURCES	1992	1982	1990	1997	2230	2231	2213	2186	2142	2002	1925	1933	1939	2008
23	HYD, SM THRM & MISC RES.	-76	-75	-75	-76	-76	-76	-75	-74	-73	-74	-75	-73	-73	-76
24	LARGE THERMAL RESERVES	-63	-63	-63	-63	-63	-63	-63	-63	-63	-63	-48	-63	-63	-63
25	HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
26	NET RESOURCES	1685	1687	1711	1763	2055	2070	2066	1875	1857	1788	1752	1778	1790	1799
27	SURPLUS/DEFICIT	129	131	181	117	459	370	260	94	299	320	284	381	253	227
28	DEDICATED RESOURCES	1486	1476	1483	1490	1490	1489	1471	1443	1438	1447	1370	1492	1497	1499
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	129	131	181	117	459	370	260	94	299	320	284	381	253	227
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-229	-247	-265	-260	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	129	131	181	117	230	123	-5	-166	299	320	284	381	253	227

TABLE U-7

WASHINGTON WATER POWER
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1168	1168	1136	1245	1349	1456	1565	1537	1313	1224	1224	1156	1150	1184
2	EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3	CONTRACTS OUT	150	150	150	150	150	150	150	150	150	150	150	150	150	150
4	TOTAL LOADS	1468	1468	1436	1545	1499	1606	1715	1687	1463	1374	1374	1306	1450	1484
RESOURCES															
5	REGULATED HYDRO	1153	1143	1150	1157	1157	1156	1138	1110	1105	1114	1138	1159	1164	1166
6	INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1154	1144	1151	1158	1158	1157	1139	1111	1106	1115	1139	1160	1165	1167
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	0	0	47
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	150	150	150	150	150	0	0	0	0	0
19	CONTRACTS IN	50	50	50	50	132	132	132	132	91	91	91	50	50	50
20	LARGE THERMAL	419	419	419	419	419	419	419	419	419	318	419	419	419	419
21	NON-UTILITY GENERATION	182	182	182	181	182	181	181	182	182	184	184	182	183	182
22	TOTAL RESOURCES	1920	1910	1917	1923	2156	2154	2136	2109	2063	1823	1948	1879	1885	1933
23	HYD, SM THRM & MISC RES.	-72	-72	-72	-73	-73	-73	-72	-70	-70	-71	-72	-70	-71	-73
24	LARGE THERMAL RESERVES	-63	-63	-63	-63	-63	-63	-63	-63	-63	-48	-63	-63	-63	-63
25	HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
26	NET RESOURCES	1617	1618	1641	1692	1984	1996	1992	1802	1781	1627	1763	1727	1738	1727
27	SURPLUS/DEFICIT	149	150	205	147	485	390	277	115	318	253	389	421	288	243
28	DEDICATED RESOURCES	1474	1464	1471	1478	1478	1477	1459	1431	1426	1334	1459	1480	1485	1487
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	149	150	205	147	485	390	277	115	318	253	389	421	288	243
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-229	-248	-266	-261	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	149	150	205	147	256	142	11	-146	318	253	389	421	288	243

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	163	163	163	195	207	222	238	224	209	190	190	173	162	172
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	52	52	52	52	2	2	2	2	2	2	2	2	52	52
4 TOTAL LOADS	215	215	215	247	209	224	240	226	211	192	192	175	214	224
RESOURCES														
5 REGULATED HYDRO	356	357	358	357	355	355	356	356	355	355	346	309	328	359
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6	-6
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	349	350	351	350	348	348	349	349	348	349	340	303	322	353
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	6	6	6	6	6	6	6	6	6	5	5	5	5	5
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	20	20	20	20	20	20	20	20	20	18	18	18	18	18
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	375	376	377	376	374	374	375	375	374	372	363	326	345	376
23 HYD, SM THRM & MISC RES.	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-17	-15	-16	-18
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
26 NET RESOURCES	343	344	349	348	352	352	357	357	344	339	330	293	317	343
27 SURPLUS/DEFICIT	128	129	133	100	143	128	117	131	132	147	138	117	103	118
28 DEDICATED RESOURCES	363	363	364	363	362	361	361	361	360	358	351	313	332	363
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	128	129	133	100	143	128	117	131	132	147	138	117	103	118
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-27	-29	-31	-29	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	128	129	133	100	116	99	86	102	132	147	138	117	103	118
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	128	129	133	100	116	99	86	102	132	147	138	117	103	118

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	191	191	189	225	238	256	273	257	240	218	218	198	187	196
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	52	52	52	52	2	2	2	2	2	2	2	2	52	52
4	TOTAL LOADS	243	243	241	277	240	258	275	259	242	220	220	200	239	248
RESOURCES															
5	REGULATED HYDRO	378	378	380	379	377	376	378	378	377	377	366	329	348	412
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	376	376	378	377	375	374	376	376	375	375	364	327	346	409
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	10	10	10	10	10	10	10	10	10	10	10	10	10	12
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	388	388	390	389	387	386	388	388	387	387	376	339	358	423
23	HYD, SM THRM & MISC RES.	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-18	-16	-17	-21
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
26	NET RESOURCES	355	355	361	360	364	363	369	369	356	353	342	305	329	387
27	SURPLUS/DEFICIT	112	112	119	82	124	105	94	110	113	133	122	104	90	138
28	DEDICATED RESOURCES	375	375	377	376	374	373	374	374	373	373	363	326	345	410
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	112	112	119	82	124	105	94	110	113	133	122	104	90	138
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-31	-33	-35	-34	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	112	112	119	82	93	72	59	76	113	133	122	104	90	138
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	112	112	119	82	93	72	59	76	113	133	122	104	90	138

TABLE U-8

CHELAN COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	212	212	212	250	263	282	300	284	264	241	241	220	208	219
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	52	52	52	52	2	2	2	2	2	2	2	2	52	52
4	TOTAL LOADS	264	264	264	302	265	284	302	286	266	243	243	222	260	271
RESOURCES															
5	REGULATED HYDRO	554	554	554	553	553	552	551	552	551	551	550	512	531	553
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	554	554	554	553	553	552	551	552	551	551	550	512	531	553
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	560	560	560	559	559	558	557	558	557	557	556	518	537	559
23	HYD, SM THRM & MISC RES.	-28	-28	-28	-28	-28	-28	-27	-28	-27	-27	-27	-26	-27	-28
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
26	NET RESOURCES	518	518	522	521	527	526	530	530	518	515	513	474	498	516
27	SURPLUS/DEFICIT	254	254	257	218	262	242	228	244	251	272	270	251	238	244
28	DEDICATED RESOURCES	547	547	547	546	546	545	544	544	543	543	543	505	524	547
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	254	254	257	218	262	242	228	244	251	272	270	251	238	244
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-34	-37	-39	-37	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	254	254	257	218	228	205	189	207	251	272	270	251	238	244
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	254	254	257	218	228	205	189	207	251	272	270	251	238	244

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	599	599	604	679	725	727	749	711	727	700	700	669	628	612
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	599	599	604	679	725	727	749	711	727	700	700	669	628	612
RESOURCES															
5	REGULATED HYDRO	127	118	129	128	121	117	113	115	121	122	120	55	127	127
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	125	116	127	126	119	115	111	113	119	120	118	53	125	125
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	14	14	14	14	14	14	14	14	14	12	12	12	12	12
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	143	134	145	144	137	133	129	131	137	136	134	69	141	141
23	HYD, SM THRM & MISC RES.	-6	-6	-7	-6	-6	-6	-6	-6	-6	-6	-6	-3	-6	-6
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12	-29
26	NET RESOURCES	100	107	119	129	124	122	118	118	120	117	118	55	123	106
27	SURPLUS/DEFICIT	-499	-492	-485	-550	-601	-605	-631	-593	-607	-583	-582	-614	-505	-506
28	DEDICATED RESOURCES	143	134	145	144	137	133	129	131	137	136	134	69	141	141
29	BPA PWR SLE CNTRCT PURCH	499	492	485	550	601	605	631	593	607	583	582	614	505	506
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-196	-196	-202	-192	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	-196	-196	-202	-192	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	196	196	202	192	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	654	654	659	735	774	771	789	753	773	750	750	721	680	658
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	654	654	659	735	774	771	789	753	773	750	750	721	680	658
RESOURCES															
5	REGULATED HYDRO	127	118	129	128	121	117	113	115	121	122	120	55	127	127
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	127	118	129	128	121	117	113	115	121	121	119	54	126	126
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	2	2	2	2	2
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	132	123	134	133	126	122	118	120	126	128	126	61	133	133
23	HYD, SM THRM & MISC RES.	-6	-6	-7	-6	-6	-6	-6	-6	-6	-6	-6	-3	-6	-6
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12	-29
26	NET RESOURCES	89	96	108	118	113	111	107	107	109	109	110	47	115	98
27	SURPLUS/DEFICIT	-565	-558	-551	-617	-661	-660	-682	-646	-664	-641	-640	-674	-565	-560
28	DEDICATED RESOURCES	132	123	134	133	126	122	118	120	126	128	126	61	133	133
29	BPA PWR SLE CNTRCT PURCH	565	558	551	617	661	660	682	646	664	641	640	674	565	560
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-209	-208	-213	-203	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	-209	-208	-213	-203	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	209	208	213	203	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	687	687	691	761	791	783	799	767	792	775	775	751	711	691
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	687	687	691	761	791	783	799	767	792	775	775	751	711	691
RESOURCES															
5	REGULATED HYDRO	127	118	129	128	121	117	113	115	121	122	120	55	127	127
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	127	118	129	128	121	117	113	115	121	122	120	55	127	127
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	127	118	129	128	121	117	113	115	121	122	120	55	127	127
23	HYD, SM THRM & MISC RES.	-6	-6	-7	-6	-6	-6	-6	-6	-6	-6	-6	-3	-6	-6
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12	-29
26	NET RESOURCES	84	91	103	113	108	106	102	102	104	103	104	41	109	92
27	SURPLUS/DEFICIT	-603	-596	-588	-648	-683	-677	-697	-665	-688	-672	-671	-710	-602	-599
28	DEDICATED RESOURCES	127	118	129	128	121	117	113	115	121	122	120	55	127	127
29	BPA PWR SLE CNTRCT PURCH	603	596	588	648	683	677	697	665	688	672	671	710	602	599
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-214	-211	-216	-207	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	-214	-211	-216	-207	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	214	211	216	207	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	97	97	91	113	128	134	145	132	125	112	112	97	99	105
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	97	97	91	113	128	134	145	132	125	112	112	97	99	105
RESOURCES															
5	REGULATED HYDRO	228	228	228	228	228	228	228	228	228	228	228	228	228	228
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	220	220	220	220	220	220	220	220	220	222	222	222	222	222
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	18	18	18	18	18	18	18	18	18	14	14	14	14	14
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	239	239	239	239	239	239	239	239	239	237	237	237	237	237
23	HYD, SM THRM & MISC RES.	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-12
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
26	NET RESOURCES	210	206	206	226	228	224	225	225	211	210	219	223	224	222
27	SURPLUS/DEFICIT	113	109	115	113	100	90	80	93	86	98	107	126	125	117
28	DEDICATED RESOURCES	239	239	239	239	239	239	239	239	239	237	237	237	237	237
29	BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	113	109	115	113	100	90	80	93	86	98	107	126	125	117
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-8	-8	-9	-8	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	113	109	115	113	92	82	71	85	86	98	107	126	125	117
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	113	109	115	113	92	82	71	85	86	98	107	126	125	117

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	133	133	123	153	174	180	195	178	169	150	150	130	133	137
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	133	133	123	153	174	180	195	178	169	150	150	130	133	137
RESOURCES														
5 REGULATED HYDRO	228	228	228	228	228	228	228	228	228	228	228	228	228	228
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	226	226	226	226	226	226	226	226	226	226	226	226	226	226
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	232	232	232	232	232	232	232	232	232	232	232	232	232	232
23 HYD, SM THRM & MISC RES.	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-12
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
26 NET RESOURCES	203	199	199	219	221	217	218	218	204	205	214	218	219	217
27 SURPLUS/DEFICIT	70	66	76	66	47	37	23	40	35	55	64	88	86	80
28 DEDICATED RESOURCES	232	232	232	232	232	232	232	232	232	232	232	232	232	232
29 BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	70	66	76	66	47	37	23	40	35	55	64	88	86	80
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-10	-11	-12	-11	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	70	66	76	66	37	26	11	29	35	55	64	88	86	80
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	70	66	76	66	37	26	11	29	35	55	64	88	86	80

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-10

DOUGLAS COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	164	164	150	189	214	222	241	219	208	185	185	159	164	166
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	164	164	150	189	214	222	241	219	208	185	185	159	164	166
RESOURCES														
5 REGULATED HYDRO	228	228	228	228	228	228	228	228	228	228	228	228	228	228
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	228	228	228	228	228	228	228	228	228	228	228	228	228	228
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	230	230	230	230	230	230	230	230	230	230	230	230	230	230
23 HYD, SM THRM & MISC RES.	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-12
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
26 NET RESOURCES	201	197	197	217	219	215	216	216	202	203	212	216	217	215
27 SURPLUS/DEFICIT	37	33	47	28	5	-7	-25	-3	-6	18	27	57	53	49
28 DEDICATED RESOURCES	230	230	230	230	230	230	230	230	230	230	230	230	230	230
29 BPA PWR SLE CNTRCT PURCH 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	37	33	47	28	5	-7	-25	-3	-6	18	27	57	53	49
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-13	-13	-15	-13	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	37	33	47	28	-8	-20	-40	-16	-6	18	27	57	53	49
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	37	33	47	28	-8	-20	-40	-16	-6	18	27	57	53	49

1/ DOUGLAS HAS REQUESTED ZERO PURCHASE FROM BPA THROUGH THE STUDY HORIZON

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	318	318	345	433	481	520	541	538	490	456	456	403	340	317
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	318	318	345	433	481	520	541	538	490	456	456	403	340	317
RESOURCES															
5	REGULATED HYDRO	82	79	78	73	70	92	83	98	88	89	71	76	82	77
6	INDEPENDENT HYDRO	12	10	8	11	11	22	17	21	20	15	14	17	13	10
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	92	87	84	82	79	112	98	117	106	103	84	92	94	86
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	32	32	32	32	32	32	32	32	32	27	27	27	27	27
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	4	4	4	4	4	4	4	4	4	2	2	2	2	2
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	5	5	4	0	1	1	9	9	37	37	11
22	TOTAL RESOURCES	148	143	140	143	140	152	154	174	163	161	142	178	180	126
23	HYD, SM THRM & MISC RES.	-6	-5	-5	-5	-5	-6	-6	-7	-6	-7	-6	-8	-8	-5
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
26	NET RESOURCES	125	128	119	131	129	144	146	163	149	145	125	161	166	109
27	SURPLUS/DEFICIT	-193	-190	-226	-302	-352	-376	-395	-375	-341	-311	-331	-242	-174	-208
28	DEDICATED RESOURCES	122	117	114	117	114	146	128	148	137	135	116	152	154	120
29	BPA PWR SLE CNTRCT PURCH	219	216	252	328	379	382	421	401	368	337	357	268	200	214
30	SURPLUS/DEFICIT W/PURCHASE	26	26	26	26	26	6	26	26	26	26	26	26	26	6
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-72	-78	-81	-81	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	26	26	26	26	-46	-72	-55	-55	26	26	26	26	26	6
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	46	72	55	55	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	26	26	26	26	0	0	0	0	26	26	26	26	26	6

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	348	348	378	472	518	558	576	576	526	492	492	437	369	343
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	348	348	378	472	518	558	576	576	526	492	492	437	369	343
RESOURCES														
5 REGULATED HYDRO	82	79	78	73	70	92	83	98	88	89	71	76	82	77
6 INDEPENDENT HYDRO	12	10	8	11	11	22	17	21	20	15	14	17	13	10
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	94	89	86	84	81	114	100	119	108	104	85	93	95	87
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	11	11	11	11	11	11	11	11	11	10	10	10	10	10
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	27	27	27	33	34	35	31	32	32	39	39	64	64	38
22 TOTAL RESOURCES	152	147	144	148	146	160	162	182	171	173	154	187	189	135
23 HYD, SM THRM & MISC RES.	-7	-7	-7	-7	-7	-7	-8	-8	-8	-8	-7	-9	-9	-6
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
26 NET RESOURCES	128	130	121	134	133	151	152	170	155	156	136	169	174	117
27 SURPLUS/DEFICIT	-220	-218	-257	-338	-385	-407	-424	-406	-371	-336	-356	-268	-195	-226
28 DEDICATED RESOURCES	126	121	118	122	120	154	136	156	145	147	128	161	163	129
29 BPA PWR SLE CNTRCT PURCH	246	244	283	364	412	413	450	432	398	362	382	294	221	232
30 SURPLUS/DEFICIT W/PURCHASE	26	26	26	26	26	6	26	26	26	26	26	26	26	6
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-78	-84	-86	-86	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	26	26	26	26	-52	-78	-60	-60	26	26	26	26	26	6
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	52	78	60	60	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	26	26	26	26	0	0	0	0	26	26	26	26	26	6

TABLE U-11

EUGENE WATER & ELECTRIC BOARD
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	375	375	408	504	549	588	606	607	558	525	525	468	397	370
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	375	375	408	504	549	588	606	607	558	525	525	468	397	370
RESOURCES														
5 REGULATED HYDRO	82	79	78	73	70	92	83	98	88	89	71	76	82	77
6 INDEPENDENT HYDRO	12	10	8	11	11	22	17	21	20	15	14	17	13	10
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	94	89	86	84	81	114	100	119	108	104	85	93	95	87
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	27	27	27	33	34	35	31	32	33	39	39	64	64	38
22 TOTAL RESOURCES	141	136	133	137	135	149	151	171	161	163	144	177	179	125
23 HYD, SM THRM & MISC RES.	-7	-7	-7	-7	-7	-7	-8	-9	-8	-8	-7	-9	-9	-6
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
26 NET RESOURCES	117	119	110	123	122	140	141	158	145	146	126	159	164	107
27 SURPLUS/DEFICIT	-258	-256	-298	-381	-427	-448	-465	-449	-413	-379	-399	-309	-233	-263
28 DEDICATED RESOURCES	115	110	107	111	109	143	125	145	135	137	118	151	153	119
29 BPA PWR SLE CNTRCT PURCH	284	282	324	407	454	454	491	475	440	405	425	335	259	269
30 SURPLUS/DEFICIT W/PURCHASE	26	26	26	26	26	6	26	26	26	26	26	26	26	6
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-82	-88	-91	-91	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	26	26	26	26	-56	-82	-65	-65	26	26	26	26	26	6
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	56	82	65	65	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	26	26	26	26	0	0	0	0	26	26	26	26	26	6

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	479	479	462	429	462	497	523	521	446	439	439	497	513	487
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	493	493	476	443	476	511	537	535	460	453	453	511	527	501
RESOURCES														
5 REGULATED HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-25	-25	-25	-25	-25	-25	-25	-25	-25	-21	-21	-21	-21	-21
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	634	634	634	634	634	634	634	634	634	638	638	638	638	638
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	50	50	50	50	50	50	50	50	50	42	42	42	42	42
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
22 TOTAL RESOURCES	700	700	697	694	686	686	686	686	694	695	695	698	697	697
23 HYD, SM THRM & MISC RES.	-34	-34	-34	-33	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
26 NET RESOURSES	599	599	598	599	609	615	614	598	582	576	575	604	607	614
27 SURPLUS/DEFICIT	106	106	122	156	133	104	77	63	122	123	122	93	80	113
28 DEDICATED RESOURCES	607	607	607	607	607	607	607	607	607	603	603	603	603	603
28A BPA PWR SLE CN PURCH(METR)	4	4	6	10	14	17	18	17	11	9	9	6	4	4
28B BPA PWR SLE CN PUR(COMPTE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	110	110	128	166	147	121	95	79	132	132	131	99	83	117
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-69	-75	-78	-78	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	110	110	128	166	78	46	17	1	132	132	131	99	83	117
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	110	110	128	166	78	46	17	1	132	132	131	99	83	117

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	534	534	514	473	505	540	571	571	491	485	485	553	573	542
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	548	548	528	487	519	554	585	585	505	499	499	567	587	556
RESOURCES														
5 REGULATED HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	-8
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	650	650	650	650	650	650	650	650	650	651	651	651	651	651
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	18	18	18	18	18	18	18	18	18	16	16	16	16	16
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
22 TOTAL RESOURCES	683	683	680	677	669	669	669	669	677	681	681	684	683	683
23 HYD, SM THRM & MISC RES.	-34	-34	-34	-33	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
26 NET RESOURSES	582	582	581	582	592	598	597	581	565	562	561	590	593	600
27 SURPLUS/DEFICIT	34	34	53	95	73	44	12	-4	60	63	62	23	6	44
28 DEDICATED RESOURCES	590	590	590	590	590	590	590	590	590	589	589	589	589	589
28A BPA PWR SLE CN PURCH(METR)	5	5	8	15	21	25	26	24	16	13	13	9	5	6
28B BPA PWR SLE CN PUR(COMPTE)	40	40	15	0	0	0	27	45	0	2	3	49	69	30
30 SURPLUS/DEFICIT W/PURCHASE	79	79	76	110	94	69	65	65	75	78	78	81	80	80
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-76	-81	-86	-86	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	79	79	76	110	18	-12	-21	-21	75	78	78	81	80	80
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	12	21	21	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	79	79	76	110	18	0	0	0	75	78	78	81	80	80

TABLE U-12

GRANT COUNTY PUD #2
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	591	591	568	517	547	583	599	601	519	516	516	593	616	592
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	605	605	582	531	561	597	613	615	533	530	530	607	630	606
RESOURCES														
5 REGULATED HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
22 TOTAL RESOURCES	673	673	670	667	659	659	659	659	667	672	672	675	674	674
23 HYD, SM THRM & MISC RES.	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34	-34
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
26 NET RESOURSES	572	572	571	572	582	588	587	571	555	552	552	581	584	591
27 SURPLUS/DEFICIT	-33	-33	-11	41	21	-9	-26	-44	22	22	22	-26	-46	-15
28 DEDICATED RESOURCES	580	580	580	580	580	580	580	580	580	580	580	580	580	580
28A BPA PWR SLE CN PURCH(METR)	8	8	13	23	34	40	41	38	26	21	21	15	9	10
28B BPA PWR SLE CN PUR(COMPTE)	104	104	74	8	11	34	50	71	26	35	35	93	118	86
30 SURPLUS/DEFICIT W/PURCHASE	79	79	76	73	65	65	65	65	73	78	78	81	80	80
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-82	-87	-90	-90	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	79	79	76	73	-17	-22	-25	-25	73	78	78	81	80	80
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	17	22	25	25	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	79	79	76	73	0	0	0	0	73	78	78	81	80	80

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1A SYSTEM LOADS PF PURCHASE	43	43	46	52	59	69	74	69	66	59	59	50	43	42
1B PONDERAY FIBRE MILL	75	75	75	75	75	75	75	75	75	75	75	75	75	75
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	16	16	16	16	16	16	16	16	16	16	16	16	16	16
4 TOTAL LOADS 1/	134	134	137	143	150	160	165	160	157	150	150	141	134	133
RESOURCES														
5 REGULATED HYDRO	80	82	82	80	81	81	81	80	80	80	77	78	80	82
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	81	83	83	81	82	82	82	81	81	81	78	79	81	83
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	43	43	43	43	43	43	43	43	43	43	43	43	43	43
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	125	127	127	125	126	126	126	125	125	125	122	123	125	127
23 HYD, SM THRM & MISC RES.	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	121	123	123	121	122	122	122	121	121	121	118	119	121	123
27 SURPLUS/DEFICIT	-13	-11	-14	-22	-28	-38	-43	-39	-36	-29	-32	-22	-13	-10
28 DEDICATED RESOURCES 2/	23	25	25	23	24	24	24	23	23	23	20	21	23	25
29 BPA PWR SLE CNTRCT PURCH	24	36	42	33	42	49	54	50	47	40	43	33	26	32
30 SURPLUS/DEFICIT W/PURCHASE	11	25	28	11	14	11	11	11	11	11	11	11	13	22
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-20	-22	-22	-22	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	11	25	28	11	-7	-11	-11	-11	11	11	11	11	13	22
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	7	11	11	11	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	11	25	28	11	0	0	0	0	11	11	11	11	13	22

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD BEGINNING JULY 1989
2/ DEDICATED RESOURCES ARE REDUCED TO MEET PONDERAY FIBRE MILL BEGINNING JULY 1989

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1A SYSTEM LOADS PF PURCHASE		47	47	50	55	62	72	76	72	69	62	62	53	45	46
1B PONDERAY FIBRE MILL		75	75	75	75	75	75	75	75	75	75	75	75	75	75
2 EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT		16	16	16	16	16	16	16	16	16	16	16	16	16	16
4 TOTAL LOADS	1/	138	138	141	146	153	163	167	163	160	153	153	144	136	137
RESOURCES															
5 REGULATED HYDRO		80	82	82	80	81	81	81	80	80	80	77	78	80	82
6 INDEPENDENT HYDRO		1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 MAY WATER BUDGET		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO		81	83	83	81	82	82	82	81	81	81	78	79	81	83
13 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE		1	1	1	1	1	1	1	1	1	0	0	0	0	0
16 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN		32	32	32	32	32	32	32	32	32	32	32	32	32	32
20 LARGE THERMAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES		114	116	116	114	115	115	115	114	114	113	110	111	113	115
23 HYD, SM THRM & MISC RES.		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
24 LARGE THERMAL RESERVES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES		110	112	112	110	111	111	111	110	110	109	106	107	109	111
27 SURPLUS/DEFICIT		-28	-26	-29	-36	-42	-52	-56	-53	-50	-44	-47	-37	-27	-26
28 DEDICATED RESOURCES	2/	23	25	25	23	24	24	24	23	23	22	19	20	22	24
29 BPA PWR SLE CNTRCT PURCH		28	40	45	36	45	52	56	53	50	44	47	37	28	36
30 SURPLUS/DEFICIT W/PURCHASE		0	14	16	0	3	0	0	0	0	0	0	0	1	10
31 EXTREME WEATHER ADJUSTMENT		0	0	0	0	-21	-22	-23	-22	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX		0	14	16	0	-19	-22	-23	-22	0	0	0	0	1	10
33 BPA POSSIBLE EXTRM WX OBLG		0	0	0	0	19	22	23	22	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB		0	14	16	0	0	0	0	0	0	0	0	0	1	10

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD BEGINNING JULY 1989
2/ DEDICATED RESOURCES ARE REDUCED TO MEET PONDERAY FIBRE MILL BEGINNING JULY 1989

TABLE U-13

PEND OREILLE COUNTY PUD #1

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1A SYSTEM LOADS PF PURCHASE	52	52	56	60	66	77	80	77	74	67	67	58	49	51
1B PONDERAY FIBRE MILL	75	75	75	75	75	75	75	75	75	75	75	75	75	75
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4 TOTAL LOADS 1/	139	139	143	147	153	164	167	164	161	154	154	145	136	138
RESOURCES														
5 REGULATED HYDRO	80	82	82	80	81	81	81	80	80	80	77	78	80	82
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	81	83	83	81	82	82	82	81	81	81	78	79	81	83
13 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	36	36	36	36	36	36	36	36	36	36	36	36	36	36
20 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RESOURCES	117	119	119	117	118	118	118	117	117	117	114	115	117	119
23 HYD, SM THRM & MISC RES.	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
24 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 NET RESOURCES	113	115	115	113	114	114	114	113	113	113	110	111	113	115
27 SURPLUS/DEFICIT	-26	-24	-28	-34	-39	-50	-53	-51	-48	-41	-44	-34	-23	-23
28 DEDICATED RESOURCES 2/	30	32	32	30	31	31	31	30	30	30	27	28	30	32
29 BPA PWR SLE CNTRCT PURCH	26	41	41	34	39	50	53	51	48	41	44	34	23	35
30 SURPLUS/DEFICIT W/PURCHASE	0	17	13	0	0	0	0	0	0	0	0	0	0	12
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-21	-23	-23	-23	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	0	17	13	0	-21	-23	-23	-23	0	0	0	0	0	12
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	21	23	23	23	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	0	17	13	0	0	0	0	0	0	0	0	0	0	12

1/ LOADS INCLUDE PONDERAY FIBRE MILL LOAD BEGINNING JULY 1989
2/ DEDICATED RESOURCES ARE REDUCED TO MEET PONDERAY FIBRE MILL BEGINNING JULY 1989

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1207	1207	1212	1499	1708	1718	1788	1705	1672	1540	1540	1385	1232	1222
2	EXPORTS	160	160	160	129	0	0	0	0	0	0	0	0	160	160
3	CONTRACTS OUT	32	32	32	82	32	32	32	32	32	32	32	32	32	32
4	TOTAL LOADS	1399	1399	1404	1710	1740	1750	1820	1737	1704	1572	1572	1417	1424	1414
RESOURCES															
5	REGULATED HYDRO	1476	1581	1534	1677	1658	1634	1603	1579	1563	1566	1753	1704	1673	1695
6	INDEPENDENT HYDRO	30	30	30	30	37	10	37	37	37	30	30	30	30	10
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1503	1608	1561	1704	1692	1641	1637	1613	1597	1594	1781	1732	1701	1703
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	72	72	72	72	72	72	72	72	72	61	61	61	61	61
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19	CONTRACTS IN	72	72	22	22	22	22	22	22	22	20	20	20	20	20
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	54	54	107	107	107
21	NON-UTILITY GENERATION	120	120	76	27	4	5	10	12	27	88	88	134	141	138
22	TOTAL RESOURCES	2018	2123	1982	2076	2052	2045	2081	2093	2111	1973	2160	2198	2174	2173
23	HYD, SM THRM & MISC RES.	-81	-87	-82	-87	-85	-82	-82	-81	-81	-84	-94	-93	-92	-92
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
25	HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
26	NET RESOURCES	1724	1854	1666	1955	1935	1944	1961	1971	1952	1816	1985	2014	1959	2027
27	SURPLUS/DEFICIT	325	455	262	245	195	194	141	234	248	244	413	597	535	613
28	DEDICATED RESOURCES	1935	2040	1949	2043	1994	1966	2002	2014	2032	1928	2115	2165	2141	2140
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	325	455	262	245	195	194	141	234	248	244	413	597	535	613
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-188	-189	-197	-188	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	325	455	262	245	7	5	-56	46	248	244	413	597	535	613
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	56	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	325	455	262	245	7	5	0	46	248	244	413	597	535	613

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1237	1237	1241	1524	1719	1719	1796	1720	1693	1568	1568	1417	1263	1257
2	EXPORTS	160	160	160	129	0	0	0	0	0	0	0	0	160	160
3	CONTRACTS OUT	32	32	32	82	32	32	32	32	32	32	32	32	32	32
4	TOTAL LOADS	1429	1429	1433	1735	1751	1751	1828	1752	1725	1600	1600	1449	1455	1449
RESOURCES															
5	REGULATED HYDRO	1476	1581	1534	1677	1658	1634	1603	1579	1563	1566	1753	1704	1673	1695
6	INDEPENDENT HYDRO	30	30	30	30	37	10	37	37	37	30	30	30	30	10
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1505	1610	1563	1706	1694	1643	1639	1615	1599	1595	1782	1733	1702	1704
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	25	25	25	25	25	25	25	25	25	24	24	24	24	24
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19	CONTRACTS IN	68	68	18	18	18	18	18	18	18	18	18	18	18	18
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	54	107	107	107
21	NON-UTILITY GENERATION	121	121	76	28	4	5	10	12	27	88	88	134	141	138
22	TOTAL RESOURCES	1970	2075	1933	2028	2003	1996	2032	2044	2062	1988	2122	2160	2136	2135
23	HYD, SM THRM & MISC RES.	-81	-87	-82	-87	-85	-83	-82	-81	-81	-84	-94	-93	-92	-92
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16
25	HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
26	NET RESOURCES	1676	1806	1617	1907	1886	1894	1912	1922	1903	1823	1947	1976	1921	1989
27	SURPLUS/DEFICIT	247	377	184	172	135	143	84	170	178	223	347	527	466	540
28	DEDICATED RESOURCES	1887	1992	1900	1995	1945	1917	1953	1965	1983	1943	2077	2127	2103	2102
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	247	377	184	172	135	143	84	170	178	223	347	527	466	540
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-189	-189	-198	-189	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	247	377	184	172	-54	-46	-114	-19	178	223	347	527	466	540
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	54	46	114	19	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	247	377	184	172	0	0	0	0	178	223	347	527	466	540

TABLE U-14

SEATTLE CITY LIGHT
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1280	1280	1282	1561	1744	1735	1813	1743	1725	1606	1606	1461	1305	1304
2	EXPORTS	60	60	60	29	0	0	0	0	0	0	0	0	60	60
3	CONTRACTS OUT	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4	TOTAL LOADS	1376	1376	1378	1626	1780	1771	1849	1779	1761	1642	1642	1497	1401	1400
RESOURCES															
5	REGULATED HYDRO	1476	1581	1534	1677	1658	1634	1603	1579	1563	1566	1753	1704	1673	1695
6	INDEPENDENT HYDRO	30	30	30	30	37	10	37	37	37	30	30	30	30	10
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	1506	1611	1564	1707	1695	1644	1640	1616	1600	1596	1783	1734	1703	1705
13	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19	CONTRACTS IN	12	12	12	12	12	12	12	12	12	12	12	12	12	12
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	54	107	107	107	107
21	NON-UTILITY GENERATION	120	120	75	28	4	5	10	12	27	88	88	134	141	138
22	TOTAL RESOURCES	1889	1994	1902	1998	1973	1966	2002	2014	2032	1906	2146	2131	2107	2106
23	HYD, SM THRM & MISC RES.	-81	-87	-82	-87	-85	-82	-82	-81	-81	-84	-94	-93	-92	-92
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16	-16
25	HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
26	NET RESOURCES	1595	1725	1586	1877	1856	1865	1882	1892	1873	1749	1963	1947	1892	1960
27	SURPLUS/DEFICIT	219	349	208	251	76	94	33	113	112	107	321	450	491	560
28	DEDICATED RESOURCES	1852	1957	1865	1961	1911	1883	1919	1931	1949	1857	2097	2094	2070	2069
29	BPA PWR SLE CNTRCT PURCH	0	0	0	0	0	0	14	0	0	0	0	0	0	0
30	SURPLUS/DEFICIT W/PURCHASE	219	349	208	251	76	94	47	113	112	107	321	450	491	560
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-192	-191	-199	-192	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	219	349	208	251	-116	-97	-152	-79	112	107	321	450	491	560
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	116	97	152	79	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	219	349	208	251	0	0	0	0	112	107	321	450	491	560

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	645	645	738	1014	1162	1285	1259	1313	1148	1049	1049	906	804	634
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	5	5	5	6	8	10	10	8	8	7	7	6	5	5
4	TOTAL LOADS	650	650	743	1020	1170	1295	1269	1321	1156	1056	1056	912	809	639
RESOURCES															
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	9	9	9	9	9	9	9	9	9	7	7	7	7	7
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	27	27	27	38	38	38	38	38
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	53	53	107	107	107
21	NON-UTILITY GENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	TOTAL RESOURCES	220	220	220	220	220	220	247	247	247	202	202	256	256	256
23	HYD, SM THRM & MISC RES.	-5	-5	-5	-5	-5	-5	-6	-6	-7	-7	-7	-7	-7	-7
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
25	HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
26	NET RESOURCES	149	183	194	199	199	199	225	225	224	170	170	216	233	217
27	SURPLUS/DEFICIT	-501	-467	-549	-821	-971	-1096	-1044	-1096	-932	-886	-886	-696	-576	-422
28	DEDICATED RESOURCES	220	220	220	220	220	220	220	220	220	164	164	218	218	218
29	BPA PWR SLE CNTRCT PURCH	502	467	550	821	971	1096	1071	1124	959	924	924	734	614	460
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	27	27	27	38	38	38	38	38
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-267	-296	-290	-302	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	-267	-296	-263	-275	27	38	38	38	38	38
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	267	296	263	275	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	27	38	38	38	38	38

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	718	718	822	1122	1272	1400	1354	1418	1245	1144	1144	993	881	705
2	EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
3	CONTRACTS OUT	5	5	5	6	8	10	10	8	8	7	7	6	5	5
4	TOTAL LOADS	759	759	863	1154	1306	1436	1390	1452	1279	1177	1177	1025	919	743
RESOURCES															
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	38	38	27	27	27	27	27	27	27	38	38	38	38	38
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	53	107	107	107
21	NON-UTILITY GENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	TOTAL RESOURCES	252	252	241	241	241	241	241	241	241	252	198	252	252	252
23	HYD, SM THRM & MISC RES.	-7	-7	-7	-7	-6	-7	-6	-6	-6	-7	-7	-7	-7	-7
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16
25	HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
26	NET RESOURCES	179	213	213	218	219	218	219	219	219	212	166	212	229	213
27	SURPLUS/DEFICIT	-580	-546	-650	-936	-1087	-1218	-1171	-1233	-1060	-965	-1011	-813	-690	-530
28	DEDICATED RESOURCES	214	214	214	214	214	214	214	214	214	214	160	214	214	214
29	BPA PWR SLE CNTRCT PURCH	619	584	678	963	1114	1245	1198	1261	1087	1003	1049	851	728	568
30	SURPLUS/DEFICIT W/PURCHASE	38	38	27	27	27	27	27	27	27	38	38	38	38	38
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-293	-322	-311	-326	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	38	38	27	27	-266	-295	-284	-299	27	38	38	38	38	38
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	266	295	284	299	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	38	38	27	27	0	0	0	0	27	38	38	38	38	38

TABLE U-15

SNOHOMISH COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	820	820	938	1269	1426	1562	1510	1588	1400	1293	1293	1130	1006	807
2	EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	856	856	974	1295	1452	1588	1536	1614	1426	1319	1319	1156	1039	840
RESOURCES															
5	REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	38	38	27	27	27	27	27	27	27	38	38	38	38	38
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	53	107	107	107	107
21	NON-UTILITY GENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	TOTAL RESOURCES	249	249	238	238	238	238	238	238	238	195	249	249	249	249
23	HYD, SM THRM & MISC RES.	-7	-7	-7	-7	-6	-7	-6	-6	-7	-7	-7	-7	-7	-7
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16	-16
25	HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
26	NET RESOURCES	176	210	210	215	216	215	216	216	215	163	209	209	226	210
27	SURPLUS/DEFICIT	-680	-646	-764	-1080	-1236	-1373	-1320	-1398	-1211	-1156	-1110	-947	-813	-630
28	DEDICATED RESOURCES	211	211	211	211	211	211	211	211	211	157	211	211	211	211
29	BPA PWR SLE CNTRCT PURCH	719	684	792	1107	1263	1400	1347	1425	1238	1194	1148	985	851	668
30	SURPLUS/DEFICIT W/PURCHASE	38	38	27	27	27	27	27	27	27	38	38	38	38	38
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-328	-359	-347	-365	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	38	38	27	27	-301	-332	-320	-338	27	38	38	38	38	38
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	301	332	320	338	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	38	38	27	27	0	0	0	0	27	38	38	38	38	38

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	655	655	711	858	971	1036	1029	1016	951	898	898	805	696	657
2 EXPORTS	41	41	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	746	746	785	932	1045	1077	1070	1057	992	939	939	846	737	698
RESOURCES														
5 REGULATED HYDRO	764	834	878	873	841	780	750	618	732	630	668	782	742	693
6 INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	772	842	886	882	850	789	759	627	741	640	678	792	752	702
13 SMALL THERMAL & MISC	38	38	38	38	38	38	38	38	38	38	38	0	38	38
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	72	72	72	72	72	72	72	72	72	61	61	61	61	61
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	6	6	6	56	6	6	6	6	6	4	4	4	4	4
20 LARGE THERMAL	107	107	107	107	107	107	107	107	107	54	53	107	107	107
21 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59
22 TOTAL RESOURCES	1048	1118	1142	1170	1073	1012	982	850	968	832	869	1013	1017	971
23 HYD, SM THRM & MISC RES.	-44	-47	-48	-47	-45	-42	-41	-34	-40	-36	-38	-42	-43	-40
24 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
25 HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
26 NET RESOURCES	811	833	953	1101	1009	951	922	794	891	767	797	909	904	825
27 SURPLUS/DEFICIT	65	87	168	169	-36	-126	-148	-263	-101	-172	-142	63	167	127
28 DEDICATED RESOURCES	903	973	1017	1012	980	919	889	757	871	715	752	920	880	831
29 BPA PWR SLE CNTRCT PURCH	0	0	0	0	54	177	199	314	157	248	217	0	0	0
30 SURPLUS/DEFICIT W/PURCHASE	65	87	168	169	19	52	52	52	56	76	76	63	167	127
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-194	-207	-206	-203	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	65	87	168	169	-175	-155	-154	-152	56	76	76	63	167	127
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	65	87	168	169	-175	-155	-154	-152	56	76	76	63	167	127

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	712	712	774	926	1037	1100	1081	1072	1008	956	956	862	746	706
2	EXPORTS	41	41	74	74	74	41	41	41	41	41	41	41	41	41
3	CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	803	803	848	1000	1111	1141	1122	1113	1049	997	997	903	787	747
RESOURCES															
5	REGULATED HYDRO	764	834	878	873	841	780	750	618	732	630	668	782	742	693
6	INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	774	844	888	884	852	791	761	629	743	641	679	793	753	703
13	SMALL THERMAL & MISC	38	38	38	38	38	38	38	38	38	38	38	0	38	38
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	25	25	25	25	25	25	25	25	25	24	24	24	24	24
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	2	2	2	52	2	2	2	2	2	2	2	2	2	2
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	53	107	107	107
21	NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59
22	TOTAL RESOURCES	999	1069	1093	1121	1024	963	933	801	919	847	831	975	979	933
23	HYD, SM THRM & MISC RES.	-44	-47	-48	-47	-45	-42	-41	-34	-40	-36	-38	-42	-43	-40
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16
25	HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
26	NET RESOURCES	762	784	904	1052	960	902	873	745	842	774	759	871	866	787
27	SURPLUS/DEFICIT	-41	-20	56	52	-151	-239	-249	-368	-207	-223	-238	-32	79	40
28	DEDICATED RESOURCES	901	971	1015	1010	978	917	887	755	869	767	751	919	879	830
29	BPA PWR SLE CNTRCT PURCH	47	26	0	0	122	243	253	372	216	262	276	47	0	22
30	SURPLUS/DEFICIT W/PURCHASE	6	6	56	52	-28	5	5	5	9	39	39	15	79	62
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-207	-220	-216	-214	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	6	6	56	52	-235	-215	-211	-210	9	39	39	15	79	62
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	6	6	56	52	-235	-215	-211	-210	9	39	39	15	79	62

TABLE U-16

TACOMA PUBLIC UTILITIES
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	759	759	824	978	1085	1146	1131	1126	1064	1016	1016	921	799	755
2	EXPORTS	41	41	74	74	74	41	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	TOTAL LOADS	800	800	898	1052	1159	1187	1131	1126	1064	1016	1016	921	799	755
RESOURCES															
5	REGULATED HYDRO	764	834	878	873	841	780	750	618	732	630	668	782	742	693
6	INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	775	845	889	885	853	792	762	630	744	642	680	794	754	704
13	SMALL THERMAL & MISC	38	38	38	38	38	38	38	38	38	38	38	0	38	38
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	107	107	107	107	107	107	107	107	107	53	107	107	107	107
21	NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59
22	TOTAL RESOURCES	973	1043	1067	1045	998	937	907	775	893	768	860	950	954	908
23	HYD, SM THRM & MISC RES.	-44	-47	-48	-47	-45	-42	-41	-34	-40	-36	-38	-42	-43	-40
24	LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16	-16	-16
25	HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
26	NET RESOURCES	736	758	878	976	934	876	847	719	816	703	780	846	841	762
27	SURPLUS/DEFICIT	-64	-42	-20	-76	-225	-311	-284	-407	-248	-313	-236	-75	42	7
28	DEDICATED RESOURCES	882	952	996	991	959	898	868	736	850	694	786	900	860	811
29	BPA PWR SLE CNTRCT PURCH	114	92	17	56	190	309	323	446	291	387	310	125	52	90
30	SURPLUS/DEFICIT W/PURCHASE	50	50	-3	-20	-35	-2	39	39	43	74	74	50	94	97
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-217	-229	-226	-225	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	50	50	-3	-20	-252	-231	-187	-186	43	74	74	50	94	97
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	50	50	-3	-20	-252	-231	-187	-186	43	74	74	50	94	97

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	ADJUSTED SYSTEM LOADS	4529	4529	4582	5165	5686	6103	6423	6064	5775	5519	5519	5119	4747	4765
2	EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3	CONTRACTS OUT	5	5	5	5	6	6	6	6	6	5	5	5	5	5
4	TOTAL LOADS	4554	4554	4587	5170	5692	6109	6429	6070	5781	5524	5524	5124	4773	4792
RESOURCES															
5	REGULATED HYDRO	102	102	102	102	102	102	102	102	102	102	102	102	102	102
6	INDEPENDENT HYDRO	45	45	42	39	39	41	41	39	47	48	48	46	47	48
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	145	145	142	139	139	141	141	139	147	148	148	146	147	148
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	79	79	79	79	79	79	79	79	79	66	66	66	66	66
16	RENEWABLES	2	2	2	2	2	2	3	3	3	3	3	3	3	3
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	98	98	133	133	133	133	133	133	133	133	133	98	98	87
20	LARGE THERMAL	54	54	54	54	54	54	54	54	54	27	27	54	54	54
21	NON-UTILITY GENERATION	11	11	11	11	11	11	11	11	11	11	11	11	11	11
22	TOTAL RESOURCES	389	389	421	418	418	420	421	419	427	388	388	378	379	369
23	HYD, SM THRM & MISC RES.	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
24	LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-4	-8	-8	-8
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	373	373	405	402	402	404	405	403	411	376	376	362	363	353
27	SURPLUS/DEFICIT	-4181	-4181	-4182	-4769	-5290	-5705	-6024	-5667	-5370	-5149	-5149	-4763	-4410	-4439
28	DEDICATED RESOURCES	365	365	417	414	414	416	417	415	423	384	384	374	354	343
29	BPA PWR SLE CNTRCT PURCH	4180	4180	4181	4767	5288	5703	6022	5665	5368	5147	5147	4761	4409	4438
30	SURPLUS/DEFICIT W/PURCHASE	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-950	-1019	-1073	-1013	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-1	-1	-1	-1	-951	-1021	-1075	-1015	-1	-1	-1	-1	-1	-1
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	950	1019	1073	1013	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	ADJUSTED SYSTEM LOADS	4828	4828	4909	5507	6001	6404	6732	6384	6102	5856	5856	5451	5056	5088
2	EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3	CONTRACTS OUT	13	13	13	13	14	14	14	14	14	13	13	13	13	13
4	TOTAL LOADS	4861	4861	4922	5520	6015	6418	6746	6398	6116	5869	5869	5464	5090	5123
RESOURCES															
5	REGULATED HYDRO	102	102	102	102	102	102	102	102	102	102	102	102	102	102
6	INDEPENDENT HYDRO	53	53	50	47	47	49	49	47	55	56	56	54	55	56
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	154	154	151	148	148	150	150	148	156	157	157	155	156	157
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15	CSPE PURCHASE	27	27	27	27	27	27	27	27	27	26	26	26	26	26
16	RENEWABLES	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	85	85	120	120	120	120	120	120	120	120	120	85	85	85
20	LARGE THERMAL	54	54	54	54	54	54	54	54	54	54	27	54	54	54
21	NON-UTILITY GENERATION	11	11	11	11	11	11	11	11	11	11	11	11	11	11
22	TOTAL RESOURCES	555	555	587	584	584	586	586	584	592	592	565	555	556	557
23	HYD, SM THRM & MISC RES.	-19	-19	-19	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20	-20
24	LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-8	-8	-8
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	528	528	560	557	557	559	559	557	564	564	541	527	528	529
27	SURPLUS/DEFICIT	-4333	-4333	-4362	-4963	-5458	-5859	-6187	-5841	-5552	-5305	-5328	-4937	-4562	-4594
28	DEDICATED RESOURCES	523	523	575	572	572	574	574	572	580	580	553	543	523	523
29	BPA PWR SLE CNTRCT PURCH	4332	4332	4361	4962	5456	5857	6185	5839	5550	5304	5327	4936	4561	4593
30	SURPLUS/DEFICIT W/PURCHASE	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1002	-1069	-1124	-1066	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	-1	-1	-1	-1	-1003	-1071	-1126	-1068	-1	-1	-1	-1	-1	-1
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	1002	1069	1124	1066	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES
INCLUDING CLARK COUNTY PUD #1 AND GRAY HARBOR COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	ADJUSTED SYSTEM LOADS	5163	5163	5282	5920	6377	6761	7108	6775	6501	6257	6257	5844	5424	5415
2	EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3	CONTRACTS OUT	12	12	12	12	12	12	12	12	12	12	12	12	12	12
4	TOTAL LOADS	5195	5195	5294	5932	6389	6773	7120	6787	6513	6269	6269	5856	5457	5449
RESOURCES															
5	REGULATED HYDRO	102	102	102	102	102	102	102	102	102	102	102	102	102	102
6	INDEPENDENT HYDRO	53	53	50	47	47	49	49	47	55	56	56	54	55	56
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	155	155	152	149	149	151	151	149	157	158	158	156	157	158
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	53	53	53	53	53	53	53	53	53	53	53	53	53	53
20	LARGE THERMAL	54	54	54	54	54	54	54	54	54	27	54	54	54	54
21	NON-UTILITY GENERATION	11	11	11	11	11	11	11	11	11	11	11	11	11	11
22	TOTAL RESOURCES	498	498	495	492	492	494	494	492	500	474	501	499	500	501
23	HYD, SM THRM & MISC RES.	-20	-20	-19	-19	-19	-19	-19	-19	-20	-20	-20	-20	-20	-20
24	LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-8	-8	-8	-8
25	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	NET RESOURCES	470	470	468	465	465	467	467	465	472	450	473	471	472	473
27	SURPLUS/DEFICIT	-4725	-4725	-4826	-5467	-5924	-6306	-6653	-6322	-6041	-5819	-5796	-5385	-4985	-4976
28	DEDICATED RESOURCES	466	466	483	480	480	482	482	480	488	462	489	487	467	467
29	BPA PWR SLE CNTRCT PURCH	4725	4725	4826	5467	5924	6306	6653	6322	6041	5819	5796	5385	4985	4976
30	SURPLUS/DEFICIT W/PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1065	-1129	-1187	-1132	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	0	0	0	0	-1065	-1129	-1187	-1132	0	0	0	0	0	0
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	1065	1129	1187	1132	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	4281	4281	4447	5347	5978	6283	6421	6304	5909	5518	5518	5060	4592	4323
2	EXPORTS	201	201	234	203	74	41	41	41	41	41	41	41	201	201
3	CONTRACTS OUT	170	170	119	170	72	74	74	73	72	71	71	70	119	119
4	TOTAL LOADS	4652	4652	4800	5720	6124	6398	6536	6418	6022	5630	5630	5171	4912	4643
RESOURCES															
5	REGULATED HYDRO	3772	3938	3946	4075	4013	3946	3873	3733	3826	3729	3922	3891	3919	3920
6	INDEPENDENT HYDRO	157	155	153	157	164	148	170	174	173	161	160	163	159	135
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-50	-50	-50	-50	-50	-50	-50	-50	-50	-40	-40	-40	-40	-40
10	CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	3879	4043	4049	4182	4127	4044	3993	3857	3949	3850	4042	4014	4038	4015
13	SMALL THERMAL & MISC	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	209	209	209	209	209	209	209	209	209	177	177	177	177	177
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	20	20	20	20	20	0	47	47	47	58	58	58	58	38
18	IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19	CONTRACTS IN	218	218	167	217	167	167	167	167	167	147	147	147	147	147
20	LARGE THERMAL	321	321	321	321	321	321	321	321	321	161	160	321	321	321
21	NON-UTILITY GENERATION	188	188	121	56	10	10	11	14	41	146	146	237	249	224
22	TOTAL RESOURCES	5017	5181	5069	5187	5047	4987	5019	4920	5058	4733	4924	5098	5172	5104
23	HYD, SM THRM & MISC RES.	-209	-217	-214	-216	-212	-207	-207	-200	-206	-206	-217	-217	-221	-218
24	LARGE THERMAL RESERVES	-48	-48	-48	-48	-48	-48	-48	-48	-48	-24	-24	-48	-48	-48
25	HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26	NET RESOURCES	4182	4378	4326	4809	4706	4673	4690	4572	4593	4262	4438	4593	4655	4584
27	SURPLUS/DEFICIT	-470	-274	-475	-911	-1418	-1725	-1846	-1846	-1429	-1368	-1192	-578	-258	-59
28	DEDICATED RESOURCES	4555	4718	4681	4769	4677	4615	4600	4501	4627	4300	4492	4699	4730	4679
29	BPA PWR SLE CNTRCT PURCH	1247	1215	1334	1742	2060	2327	2394	2498	2148	2140	2132	1656	1349	1217
30	SURPLUS/DEFICIT W/PURCHASE	778	941	859	831	642	602	548	652	719	772	940	1078	1091	1158
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1041	-1100	-1116	-1103	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	778	941	859	831	-399	-498	-568	-451	719	772	940	1078	1091	1158
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	515	575	587	533	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	778	941	859	831	116	77	19	82	719	772	940	1078	1091	1158

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	4649	4649	4825	5760	6374	6671	6786	6692	6289	5900	5900	5439	4952	4665
2 EXPORTS	237	237	270	229	100	67	67	67	67	67	67	67	234	234
3 CONTRACTS OUT	170	170	119	170	72	74	74	73	72	71	71	70	119	119
4 TOTAL LOADS	5056	5056	5214	6159	6546	6812	6927	6832	6428	6038	6038	5576	5305	5018
RESOURCES														
5 REGULATED HYDRO	3794	3959	3968	4097	4035	3967	3895	3755	3848	3751	3942	3911	3939	3973
6 INDEPENDENT HYDRO	157	155	153	157	164	148	170	174	173	161	160	163	159	135
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-16
10 CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	3936	4099	4106	4239	4184	4100	4050	3914	4006	3897	4087	4059	4083	4092
13 SMALL THERMAL & MISC	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	73	73	73	73	73	73	73	73	73	69	69	69	69	69
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	58	58	47	47	47	27	47	47	47	58	58	58	58	38
18 IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19 CONTRACTS IN	137	137	86	136	86	86	86	86	86	86	86	86	86	88
20 LARGE THERMAL	321	321	321	321	321	321	321	321	321	321	160	321	321	321
21 NON-UTILITY GENERATION	216	216	148	85	39	41	42	45	72	176	176	264	276	251
22 TOTAL RESOURCES	4923	5086	4963	5083	4943	4884	4890	4791	4929	4801	4830	5001	5075	5041
23 HYD, SM THRM & MISC RES.	-213	-222	-219	-221	-216	-212	-210	-202	-208	-208	-219	-219	-223	-222
24 LARGE THERMAL RESERVES	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-24	-48	-48	-48
25 HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26 NET RESOURCES	4084	4278	4215	4700	4598	4565	4558	4441	4462	4304	4342	4494	4556	4517
27 SURPLUS/DEFICIT	-972	-778	-1000	-1459	-1948	-2247	-2369	-2391	-1966	-1734	-1696	-1082	-750	-501
28 DEDICATED RESOURCES	4481	4644	4606	4696	4604	4544	4529	4430	4556	4416	4446	4650	4681	4664
29 BPA PWR SLE CNTRCT PURCH	1550	1497	1579	1995	2374	2639	2692	2833	2430	2326	2410	1961	1616	1455
30 SURPLUS/DEFICIT W/PURCHASE	578	719	580	536	426	392	323	442	464	592	714	879	867	954
31 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1114	-1170	-1180	-1171	0	0	0	0	0	0
32 SURPLUS/DEFICIT W/EXTRM WX	578	719	580	536	-688	-778	-857	-729	464	592	714	879	867	954
33 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	599	660	715	624	0	0	0	0	0	0
34 SURPLUS/DEFICIT AFTR BPA OB	578	719	580	536	-89	-118	-142	-105	464	592	714	879	867	954

TABLE U-18

GENERATING PUBLIC AGENCIES
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	5015	5015	5204	6164	6760	7053	7154	7087	6679	6299	6299	5836	5330	5030
2	EXPORTS	137	137	170	129	100	67	26	26	26	26	26	26	93	93
3	CONTRACTS OUT	114	114	114	114	64	64	64	64	64	64	64	64	114	114
4	TOTAL LOADS	5266	5266	5488	6407	6924	7184	7244	7177	6769	6389	6389	5926	5537	5237
RESOURCES															
5	REGULATED HYDRO	3970	4135	4142	4271	4211	4143	4068	3929	4022	3925	4126	4094	4122	4114
6	INDEPENDENT HYDRO	157	155	153	157	164	148	170	174	173	161	160	163	159	135
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	4127	4290	4295	4428	4375	4291	4238	4103	4195	4086	4286	4257	4281	4249
13	SMALL THERMAL & MISC	39	39	39	39	39	39	39	39	39	39	39	1	39	39
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	58	58	47	47	47	27	47	47	47	58	58	58	58	38
18	IMPORTS	143	143	143	143	154	197	232	266	285	155	155	143	143	143
19	CONTRACTS IN	56	56	56	56	56	56	56	56	56	56	56	56	56	56
20	LARGE THERMAL	321	321	321	321	321	321	321	321	321	160	321	321	321	321
21	NON-UTILITY GENERATION	215	215	147	85	39	41	42	45	73	176	176	264	276	251
22	TOTAL RESOURCES	4959	5122	5048	5119	5031	4972	4975	4877	5016	4730	5091	5100	5174	5097
23	HYD, SM THRM & MISC RES.	-222	-231	-228	-230	-225	-220	-218	-212	-217	-217	-228	-229	-233	-229
24	LARGE THERMAL RESERVES	-48	-48	-48	-48	-48	-48	-48	-48	-48	-24	-48	-48	-48	-48
25	HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
26	NET RESOURCES	4112	4305	4291	4727	4677	4645	4635	4517	4540	4248	4570	4583	4645	4566
27	SURPLUS/DEFICIT	-1155	-961	-1198	-1680	-2247	-2539	-2609	-2661	-2230	-2142	-1819	-1343	-893	-671
28	DEDICATED RESOURCES	4574	4737	4697	4788	4698	4638	4621	4522	4649	4350	4712	4754	4785	4726
29	BPA PWR SLE CNTRCT PURCH	1857	1807	1849	2283	2673	2964	3016	3171	2756	2755	2654	2297	1913	1758
30	SURPLUS/DEFICIT W/PURCHASE	703	846	651	603	425	425	407	511	527	613	835	954	1021	1087
31	EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1183	-1238	-1246	-1243	0	0	0	0	0	0
32	SURPLUS/DEFICIT W/EXTRM WX	703	846	651	603	-758	-813	-839	-732	527	613	835	954	1021	1087
33	BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	725	766	801	737	0	0	0	0	0	0
34	SURPLUS/DEFICIT AFTR BPA OB	703	846	651	603	-33	-46	-39	4	527	613	835	954	1021	1087

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SECTION XIV - MISCELLANEOUS (FOR OYs 1995-96, 1999-2000, AND 2004-05)

Monthly Energy Analysis

Section XIV: Miscellaneous (for OYs 1995-96, 1999-2000 and 2004-05)	Table	Page
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Montana Power Company, Total System	M-2	TA-1-533
Non-Pacific Northwest Utilities Resources	M-3	TA-1-536
Pend Oreille PUD #1 Service to Ponderay Fibre Mill	M-4	TA-1-539

TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	183	183	183	183	183	183	183	183	183	183	183	183	183	183
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	109	109	109	109	109	109	109	109	109	109	109	109	109	109
4	TOTAL LOADS	292	292	292	292	292	292	292	292	292	292	292	292	292	292
RESOURCES															
5	REGULATED HYDRO	299	298	298	298	299	299	298	298	298	298	299	300	299	299
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-7	-7	-7	-7	-7
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	290	289	289	289	290	290	289	289	289	291	292	293	292	292
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	18	18	18	18	18	18	18	18	18	14	14	14	14	14
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	308	307	307	307	308	308	307	307	307	305	306	307	306	306
23	HYD, SM THRM & MISC RES.	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16	-26
26	NET RESOURCES	272	271	276	282	287	287	292	292	276	269	269	264	275	265
27	SURPLUS/DEFICIT	-20	-21	-16	-10	-5	-5	0	0	-16	-23	-23	-27	-17	-27

TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	183	183	183	183	183	183	183	183	183	183	183	183	183	183
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	109	109	109	109	109	109	109	109	109	109	109	109	109	109
4	TOTAL LOADS	292	292	292	292	292	292	292	292	292	292	292	292	292	292
RESOURCES															
5	REGULATED HYDRO	299	298	298	298	299	299	298	298	298	298	299	300	299	299
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	296	295	295	295	296	296	295	295	295	295	296	297	296	296
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	302	301	301	301	302	302	301	301	301	301	302	303	302	302
23	HYD, SM THRM & MISC RES.	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16	-26
26	NET RESOURCES	266	265	270	276	281	281	286	286	270	265	265	260	271	261
27	SURPLUS/DEFICIT	-26	-27	-22	-16	-11	-11	-6	-6	-22	-27	-27	-31	-21	-31

TABLE M-1

COLOCKUM TRANSMISSION COMPANY
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	183	183	183	183	183	183	183	183	183	183	183	183	183	183
2	EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	TOTAL LOADS	189	189	189	189	189	189	189	189	189	189	189	189	189	189
RESOURCES															
5	REGULATED HYDRO	299	298	298	298	299	299	298	298	298	298	299	300	299	299
6	INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	299	298	298	298	299	299	298	298	298	298	299	300	299	299
13	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL RESOURCES	299	298	298	298	299	299	298	298	298	298	299	300	299	299
23	HYD, SM THRM & MISC RES.	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
24	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	HYDRO MAINTENANCE	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16	-26
26	NET RESOURCES	263	262	267	273	278	278	283	283	267	262	262	257	268	258
27	SURPLUS/DEFICIT	74	73	78	84	89	89	94	94	78	73	73	68	79	69

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1233	1233	1183	1233	1344	1435	1414	1317	1199	1105	1105	1095	1187	1221
2	EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	CONTRACTS OUT	179	179	104	104	104	104	94	94	94	0	0	94	94	169
4	TOTAL LOADS	1523	1523	1398	1448	1559	1650	1619	1522	1404	1216	1216	1300	1392	1501
RESOURCES															
5	REGULATED HYDRO	200	200	200	199	198	195	239	237	233	232	229	236	242	245
6	INDEPENDENT HYDRO	280	280	293	234	251	262	271	250	268	270	270	261	292	285
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	480	480	493	433	449	457	510	487	501	502	499	497	534	530
13	SMALL THERMAL & MISC	160	160	160	160	160	160	160	160	160	160	160	160	0	160
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	205	205	205	255	255	305	305	305	255	180	180	180	180	100
20	LARGE THERMAL	644	644	644	644	644	644	644	644	644	485	644	485	644	644
21	NON-UTILITY GENERATION	106	106	107	110	108	107	107	107	109	110	110	110	110	108
22	TOTAL RESOURCES	1595	1595	1609	1601	1616	1673	1726	1703	1669	1437	1593	1432	1468	1542
23	HYD, SM THRM & MISC RES.	-32	-32	-33	-30	-30	-31	-34	-32	-33	-33	-33	-33	-27	-35
24	LARGE THERMAL RESERVES	97	97	97	97	97	97	97	97	97	73	97	73	97	97
25	HYDRO MAINTENANCE	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1	-5
26	NET RESOURCES	1625	1625	1673	1668	1682	1739	1789	1757	1713	1477	1657	1472	1537	1599
27	SURPLUS/DEFICIT	102	102	275	220	123	89	170	235	309	261	441	172	144	99

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS														
1 SYSTEM LOADS	1175	1175	1180	1198	1318	1400	1431	1337	1209	1120	1120	1090	1183	1224
2 EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3 CONTRACTS OUT	169	169	94	94	94	94	94	94	94	0	0	94	94	169
4 TOTAL LOADS	1455	1455	1385	1403	1523	1605	1636	1542	1414	1231	1231	1295	1388	1504
RESOURCES														
5 REGULATED HYDRO	200	200	200	199	198	195	239	237	233	232	229	236	242	245
6 INDEPENDENT HYDRO	280	280	293	234	251	262	271	250	268	270	270	261	292	285
7 MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL HYDRO	480	480	493	433	449	457	510	487	501	502	499	497	534	530
13 SMALL THERMAL & MISC	160	160	160	160	220	220	220	220	160	160	160	160	0	160
14 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 CONTRACTS IN	100	100	100	100	100	150	150	150	100	100	100	100	100	100
20 LARGE THERMAL	644	644	644	644	644	644	644	644	644	485	644	485	644	644
21 NON-UTILITY GENERATION	106	106	107	110	108	107	107	107	109	110	110	110	110	108
22 TOTAL RESOURCES	1490	1490	1504	1446	1521	1578	1631	1608	1514	1357	1513	1352	1388	1542
23 HYD, SM THRM & MISC RES.	-32	-32	-33	-30	-33	-34	-37	-35	-33	-33	-33	-33	-27	-35
24 LARGE THERMAL RESERVES	97	97	97	97	97	97	97	97	97	73	97	73	97	97
25 HYDRO MAINTENANCE	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1	-5
26 NET RESOURCES	1520	1520	1568	1513	1584	1641	1691	1659	1558	1397	1577	1392	1457	1599
27 SURPLUS/DEFICIT	65	65	183	110	61	36	55	117	144	166	346	97	69	95

TABLE M-2

MONTANA POWER COMPANY TOTAL
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS															
1	SYSTEM LOADS	1176	1176	1193	1200	1322	1413	1441	1347	1223	1143	1143	1103	1196	1244
2	EXPORTS	111	111	111	111	111	111	111	111	111	111	111	111	111	111
3	CONTRACTS OUT	169	169	94	94	94	94	94	94	94	0	0	94	94	169
4	TOTAL LOADS	1456	1456	1398	1405	1527	1618	1646	1552	1428	1254	1254	1308	1401	1524
RESOURCES															
5	REGULATED HYDRO	200	200	200	199	198	195	239	237	233	232	229	236	242	245
6	INDEPENDENT HYDRO	280	280	293	234	251	262	271	250	268	270	270	261	292	285
7	MAY WATER BUDGET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	JUNE COL. RIVER FLOW AUG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	TOTAL HYDRO	480	480	493	433	449	457	510	487	501	502	499	497	534	530
13	SMALL THERMAL & MISC	160	160	160	160	220	220	220	220	160	160	160	160	0	160
14	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	CONTRACTS IN	0	0	0	0	0	50	50	50	0	0	0	0	0	0
20	LARGE THERMAL	644	644	644	644	644	644	644	644	644	485	644	485	644	644
21	NON-UTILITY GENERATION	106	106	107	110	108	107	107	107	109	110	110	110	110	108
22	TOTAL RESOURCES	1390	1390	1404	1346	1421	1478	1531	1508	1414	1257	1413	1252	1288	1442
23	HYD, SM THRM & MISC RES.	-32	-32	-33	-30	-33	-34	-37	-35	-33	-33	-33	-33	-27	-35
24	LARGE THERMAL RESERVES	97	97	97	97	97	97	97	97	97	73	97	73	97	97
25	HYDRO MAINTENANCE	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1	-5
26	NET RESOURCES	1420	1420	1468	1413	1484	1541	1591	1559	1458	1297	1477	1292	1357	1499
27	SURPLUS/DEFICIT	-36	-36	70	8	-43	-77	-55	7	30	43	223	-16	-44	-25

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COGENERATION														
1 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
THERMAL														
2 SDG&E SHARE OF BOARDMAN	72	72	72	72	72	72	72	72	72	72	72	0	72	72
3 TURLOCK SHARE OF BOARDMAN	51	51	51	51	51	51	51	51	51	51	51	0	51	51
4 TOTAL	168	168	168	168	168	168	168	168	168	168	168	45	168	168

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COGENERATION														
1 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
THERMAL														
2 SDG&E SHARE OF BOARDMAN	72	72	72	72	72	72	72	72	72	72	72	0	72	72
3 TURLOCK SHARE OF BOARDMAN	51	51	51	51	51	51	51	51	51	51	51	0	51	51
4 TOTAL	168	168	168	168	168	168	168	168	168	168	168	45	168	168

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COGENERATION														
1 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	0	0	0	0	0	0	0	0
THERMAL														
2 SDG&E SHARE OF BOARDMAN	72	72	72	72	72	72	72	72	72	72	72	0	72	72
3 TURLOCK SHARE OF BOARDMAN	51	51	51	51	51	51	51	51	51	51	51	0	51	51
4 TOTAL	168	168	168	168	168	168	123	123	123	123	123	0	123	123

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESOURCES AVAILABLE TO SERVE LOAD															
1	BOX CANYON	43	43	43	43	43	43	43	43	43	43	43	43	43	43
2	SEATTLE TO P.O.(BOUNDARY)	32	32	32	32	32	32	32	32	32	32	32	32	32	32
3	TOTAL RESOURCES	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4	PONDERAY FIBRE MILL	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5	SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESOURCES AVAILABLE TO SERVE LOAD															
1	BOX CANYON	43	43	43	43	43	43	43	43	43	43	43	43	43	43
2	SEATTLE TO P.O.(BOUNDARY)	32	32	32	32	32	32	32	32	32	32	32	32	32	32
3	TOTAL RESOURCES	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4	PONDERAY FIBRE MILL	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5	SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE COUNTY PUD #1
LOADS AND RESOURCES

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
RESOURCES AVAILABLE TO SERVE LOAD															
1	BOX CANYON	39	39	39	39	39	39	39	39	39	39	39	39	39	39
2	SEATTLE TO P.O.(BOUNDARY)	36	36	36	36	36	36	36	36	36	36	36	36	36	36
3	TOTAL RESOURCES	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4	PONDERAY FIBRE MILL	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5	SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SECTION XV - SUPPORTING TABLES (FOR OYs 1995-96, 1999-2000, AND 2004-05)

Monthly Capacity Analysis

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TABLE A-1

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS														
1A FEDERAL AGENCIES	191	191	182	191	199	228	213	220	209	195	195	184	186	187
1B FEDERAL + GEN PUB LOSSES	209	209	242	305	351	388	401	363	319	291	291	253	208	204
1C USBR	199	199	157	75	7	4	4	3	9	99	99	169	197	204
1D DSI ALUMINUM FIRM	1886	1886	1886	1927	1927	1927	1965	1971	1970	1971	1971	1971	1970	1971
1E DSI NON-ALUMINUM FIRM	189	189	189	193	210	201	210	218	218	218	218	218	218	210
1F DSI FIRM LOSSES	60	60	62	68	75	79	85	83	79	74	74	72	66	63
1 BPA NON UTILITY LOADS	2734	2734	2718	2759	2769	2827	2878	2858	2804	2848	2848	2867	2845	2839
2 CHELAN COUNTY PUD #1	163	163	163	195	207	222	238	224	209	190	190	173	162	172
3 COLOCKUM TRANSMISSION CO.	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ COUNTY PUD #1	599	599	604	679	725	727	749	711	727	700	700	669	628	612
5 DOUGLAS COUNTY PUD #1	97	97	91	113	128	134	145	132	125	112	112	97	99	105
6 EUGENE WATER & ELEC BOARD	318	318	345	433	481	520	541	538	490	456	456	403	340	317
7 GRANT COUNTY PUD #2	479	479	462	429	462	497	523	521	446	439	439	497	513	487
8 IDAHO POWER COMPANY	2266	2266	2058	1918	2061	2115	2179	2100	1927	1928	1928	2136	2414	2422
9 MONTANA POWER CO. REGIONAL	431	431	414	431	470	502	494	460	419	386	386	383	415	427
10 PACIFIC POWER & LIGHT	3025	3025	2868	3092	3372	3839	3911	3888	3505	3169	3169	2847	2834	3006
11 PEND OREILLE COUNTY PUD #1	118	118	121	127	134	144	149	144	141	134	134	125	118	117
12 PORTLAND GENERAL ELECTRIC	2731	2731	2563	2894	3156	3408	3645	3254	3092	2955	2955	2736	2526	2621
13 PUGET SOUND POWER & LIGHT	2459	2459	2668	3428	3709	4212	4371	4291	3964	3560	3560	3090	2895	2511
14 SEATTLE CITY LIGHT	1207	1207	1212	1499	1708	1718	1788	1705	1672	1540	1540	1385	1232	1222
15 SMALL & NON GEN PUBLICS	4529	4529	4582	5165	5686	6103	6423	6064	5775	5519	5519	5119	4747	4765
16 SNOHOMISH COUNTY PUD #1	645	645	738	1014	1162	1285	1259	1313	1148	1049	1049	906	804	634
17 TACOMA PUBLIC UTILITIES	655	655	711	858	971	1036	1029	1016	951	898	898	805	696	657
18 UTAH POWER & LIGHT	419	419	323	252	227	211	258	256	233	220	220	252	438	495
19 WASHINGTON WATER POWER	1137	1137	1118	1243	1345	1449	1556	1531	1304	1212	1212	1134	1122	1155
20 REGIONAL FIRM LOADS	24195	24195	23942	26712	28956	31132	32319	31189	29115	27498	27498	25807	25011	24747
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2734	2734	2718	2759	2769	2827	2878	2858	2804	2848	2848	2867	2845	2839
22 PUBLIC AGENCIES W/COLOCKUM	8993	8993	9212	10695	11847	12569	13027	12551	11867	11220	11220	10362	9522	9271
23 INVESTOR-OWNED UTILITIES	12468	12468	12012	13258	14340	15736	16414	15780	14444	13430	13430	12578	12644	12637
24 REGIONAL FIRM LOADS	24195	24195	23942	26712	28956	31132	32319	31189	29115	27498	27498	25807	25011	24747

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
INTERRUPTIBLE LOADS														
25 DSI ALUMINUM TOP QUARTILE	173	173	173	173	173	173	173	558	558	558	558	558	558	558
26 DSI NON-ALUM TOP QUARTILE	63	63	63	63	69	66	69	71	71	71	71	71	71	69
27 OTHER INTERRUPTIBLE (UTAH)	109	109	102	92	130	62	154	124	154	112	112	117	125	123
28 DSI TOP QUARTILE LOSSES	7	7	7	8	8	9	9	24	23	21	21	21	19	18
29 REGIONAL INTERRUPT. LOADS	352	352	345	335	379	309	404	778	806	763	763	768	773	768
REGIONAL INTERRUPTIBLE LOADS														
30 FEDERAL SYSTEM	243	243	243	243	250	247	251	654	652	651	651	651	649	645
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	109	109	102	92	130	62	154	124	154	112	112	117	125	123
33 REGIONAL INTERRUPT. LOADS	352	352	345	335	379	309	404	778	806	763	763	768	773	768
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	2977	2977	2961	3002	3019	3074	3129	3512	3456	3499	3499	3518	3494	3484
35 PUBLIC AGENCIES	8993	8993	9212	10695	11847	12569	13027	12551	11867	11220	11220	10362	9522	9271
36 INVESTOR-OWNED UTILITIES	12577	12577	12114	13350	14470	15798	16568	15904	14598	13542	13542	12695	12769	12760
37 REGIONAL TOTAL LOADS	24547	24547	24287	27047	29335	31441	32723	31967	29921	28261	28261	26575	25784	25515

TABLE A-1

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS														
1A FEDERAL AGENCIES	196	196	186	197	205	235	219	226	215	199	199	189	190	192
1B FEDERAL + GEN PUB LOSSES	202	202	235	305	352	393	403	361	320	290	290	248	212	205
1C USBR	199	199	157	76	7	4	4	3	9	99	99	169	197	204
1D DSI ALUMINUM FIRM	1970	1970	1971	1970	1971	1971	1971	1971	1970	1971	1971	1971	1971	1971
1E DSI NON-ALUMINUM FIRM	216	216	214	212	210	182	188	205	204	202	202	200	199	177
1F DSI FIRM LOSSES	63	63	65	70	76	79	84	83	78	74	74	72	65	62
1 BPA NON UTILITY LOADS	2846	2846	2828	2830	2821	2864	2869	2849	2796	2835	2835	2849	2834	2811
2 CHELAN COUNTY PUD #1	191	191	189	225	238	256	273	257	240	218	218	198	187	196
3 COLOCKUM TRANSMISSION CO.	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ COUNTY PUD #1	654	654	659	735	774	771	789	753	773	750	750	721	680	658
5 DOUGLAS COUNTY PUD #1	133	133	123	153	174	180	195	178	169	150	150	130	133	137
6 EUGENE WATER & ELEC BOARD	348	348	378	472	518	558	576	576	526	492	492	437	369	343
7 GRANT COUNTY PUD #2	534	534	514	473	505	540	571	571	491	485	485	553	573	542
8 IDAHO POWER COMPANY	2369	2369	2161	2005	2148	2206	2269	2186	2010	2011	2011	2243	2529	2540
9 MONTANA POWER CO. REGIONAL	411	411	413	419	461	489	501	468	423	392	392	381	414	428
10 PACIFIC POWER & LIGHT	3234	3234	3067	3304	3603	4102	4134	4142	3734	3375	3375	3033	3018	3203
11 PEND OREILLE COUNTY PUD #1	122	122	125	130	137	147	151	147	144	137	137	128	120	121
12 PORTLAND GENERAL ELECTRIC	2845	2845	2654	2991	3239	3503	3740	3336	3174	3034	3034	2818	2623	2727
13 PUGET SOUND POWER & LIGHT	2713	2713	2946	3782	4093	4648	4775	4688	4330	3890	3890	3376	3163	2744
14 SEATTLE CITY LIGHT	1237	1237	1241	1524	1719	1719	1796	1720	1693	1568	1568	1417	1263	1257
15 SMALL & NON GEN PUBLICS	4828	4828	4909	5507	6001	6404	6732	6384	6102	5856	5856	5451	5056	5088
16 SNOHOMISH COUNTY PUD #1	718	718	822	1122	1272	1400	1354	1418	1245	1144	1144	993	881	705
17 TACOMA PUBLIC UTILITIES	712	712	774	926	1037	1100	1081	1072	1008	956	956	862	746	706
18 UTAH POWER & LIGHT	436	436	337	263	236	219	270	268	244	231	231	264	459	519
19 WASHINGTON WATER POWER	1156	1156	1130	1246	1346	1450	1556	1531	1308	1218	1218	1147	1137	1172
20 REGIONAL FIRM LOADS	25670	25670	25453	28290	30505	32739	33815	32727	30593	28925	28925	27184	26368	26080
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2846	2846	2828	2830	2821	2864	2869	2849	2796	2835	2835	2849	2834	2811
22 PUBLIC AGENCIES W/COLOCKUM	9660	9660	9917	11450	12558	13258	13701	13259	12574	11939	11939	11073	10191	9936
23 INVESTOR-OWNED UTILITIES	13164	13164	12708	14010	15126	16617	17245	16619	15223	14151	14151	13262	13343	13333
24 REGIONAL FIRM LOADS	25670	25670	25453	28290	30505	32739	33815	32727	30593	28925	28925	27184	26368	26080

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
INTERRUPTIBLE LOADS														
25 DSI ALUMINUM TOP QUARTILE	558	558	558	558	558	558	558	558	558	558	558	558	558	558
26 DSI NON-ALUM TOP QUARTILE	71	71	70	69	69	59	62	67	67	66	66	66	65	58
27 OTHER INTERRUPTIBLE (UTAH)	122	122	103	72	130	66	151	124	133	109	109	117	141	124
28 DSI TOP QUARTILE LOSSES	18	18	19	20	22	23	24	24	23	21	21	21	19	18
29 REGIONAL INTERRUPT. LOADS	769	769	750	720	779	706	795	774	780	755	755	762	783	759
REGIONAL INTERRUPTIBLE LOADS														
30 FEDERAL SYSTEM	647	647	647	648	649	641	644	649	648	646	646	645	642	634
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	122	122	103	72	130	66	151	124	133	109	109	117	141	124
33 REGIONAL INTERRUPT. LOADS	769	769	750	720	779	706	795	774	780	755	755	762	783	759
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3493	3493	3475	3478	3470	3505	3513	3498	3444	3481	3481	3494	3476	3445
35 PUBLIC AGENCIES	9660	9660	9917	11450	12558	13258	13701	13259	12574	11939	11939	11073	10191	9936
36 INVESTOR-OWNED UTILITIES	13286	13286	12811	14082	15256	16683	17396	16743	15356	14260	14260	13379	13484	13457
37 REGIONAL TOTAL LOADS	26439	26439	26203	29010	31284	33445	34610	33501	31373	29680	29680	27946	27151	26839

TABLE A-1

SHEET 1 OF 2

MEDIUM LOADS
INCLUDING ADDITIONAL CONSERVATION REDUCTIONS
1994 BPA LOAD FORECAST

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
FIRM LOADS														
1A FEDERAL AGENCIES	202	202	191	203	211	243	226	234	222	205	205	195	196	197
1B FEDERAL + GEN PUB LOSSES	205	205	232	312	361	401	414	362	326	296	296	254	216	211
1C USBR	200	200	158	76	7	4	4	3	9	100	100	170	198	205
1D DSI ALUMINUM FIRM	1971	1971	1971	1971	1971	1970	1971	1971	1971	1971	1971	1971	1971	1971
1E DSI NON-ALUMINUM FIRM	182	182	182	182	182	156	164	182	182	183	183	182	182	174
1F DSI FIRM LOSSES	62	62	65	69	75	79	83	82	77	73	73	71	65	62
1 BPA NON UTILITY LOADS	2822	2822	2799	2813	2807	2853	2862	2834	2787	2828	2828	2843	2828	2820
2 CHELAN COUNTY PUD #1	212	212	212	250	263	282	300	284	264	241	241	220	208	219
3 COLOCKUM TRANSMISSION CO.	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ COUNTY PUD #1	687	687	691	761	791	783	799	767	792	775	775	751	711	691
5 DOUGLAS COUNTY PUD #1	164	164	150	189	214	222	241	219	208	185	185	159	164	166
6 EUGENE WATER & ELEC BOARD	375	375	408	504	549	588	606	607	558	525	525	468	397	370
7 GRANT COUNTY PUD #2	591	591	568	517	547	583	599	601	519	516	516	593	616	592
8 IDAHO POWER COMPANY	2478	2478	2275	2085	2229	2287	2356	2299	2088	2087	2087	2346	2632	2645
9 MONTANA POWER CO. REGIONAL	411	411	417	420	462	494	504	471	428	400	400	386	418	435
10 PACIFIC POWER & LIGHT	3532	3532	3349	3608	3934	4479	4526	4515	4069	3679	3679	3305	3290	3438
11 PEND OREILLE COUNTY PUD #1	127	127	131	135	141	152	155	152	149	142	142	133	124	126
12 PORTLAND GENERAL ELECTRIC	3019	3019	2802	3153	3390	3673	3937	3510	3348	3193	3193	2974	2790	2909
13 PUGET SOUND POWER & LIGHT	2912	2912	3161	4061	4395	4991	5140	5048	4663	4189	4189	3636	3406	2954
14 SEATTLE CITY LIGHT	1280	1280	1282	1561	1744	1735	1813	1743	1725	1606	1606	1461	1305	1304
15 SMALL & NON GEN PUBLICS	5163	5163	5282	5920	6377	6761	7108	6775	6501	6257	6257	5844	5424	5415
16 SNOHOMISH COUNTY PUD #1	820	820	938	1269	1426	1562	1510	1588	1400	1293	1293	1130	1006	807
17 TACOMA PUBLIC UTILITIES	759	759	824	978	1085	1146	1131	1126	1064	1016	1016	921	799	755
18 UTAH POWER & LIGHT	490	490	378	296	265	246	304	302	275	260	260	297	516	566
19 WASHINGTON WATER POWER	1168	1168	1136	1245	1349	1456	1565	1537	1313	1224	1224	1156	1150	1184
20 REGIONAL FIRM LOADS	27193	27193	26986	29948	32151	34476	35639	34561	32334	30599	30599	28806	27967	27579
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2822	2822	2799	2813	2807	2853	2862	2834	2787	2828	2828	2843	2828	2820
22 PUBLIC AGENCIES W/COLOCKUM	10361	10361	10669	12267	13320	13997	14445	14045	13363	12739	12739	11863	10937	10628
23 INVESTOR-OWNED UTILITIES	14010	14010	13518	14868	16024	17626	18332	17682	16184	15032	15032	14100	14202	14131
24 REGIONAL FIRM LOADS	27193	27193	26986	29948	32151	34476	35639	34561	32334	30599	30599	28806	27967	27579

TABLE A-1 (CONTINUED)

MEDIUM LOADS
INCLUDING CONSERVATION AND TIERED RATE REDUCTIONS
1994 BPA LOAD FORECAST

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
INTERRUPTIBLE LOADS														
25 DSI ALUMINUM TOP QUARTILE	558	558	558	558	558	558	558	558	558	558	558	558	558	558
26 DSI NON-ALUM TOP QUARTILE	61	61	61	61	61	52	55	61	61	61	61	61	61	58
27 OTHER INTERRUPTIBLE (UTAH)	131	131	104	71	134	84	151	101	148	109	109	94	135	122
28 DSI TOP QUARTILE LOSSES	18	18	19	20	22	23	24	24	22	21	21	20	19	18
29 REGIONAL INTERRUPT. LOADS	768	768	742	710	775	716	788	743	790	749	749	733	772	756
REGIONAL INTERRUPTIBLE LOADS														
30 FEDERAL SYSTEM	637	637	638	639	641	633	637	643	641	640	640	640	638	634
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 INVESTOR-OWNED UTILITIES	131	131	104	71	134	84	151	101	148	109	109	94	135	122
33 REGIONAL INTERRUPT. LOADS	768	768	742	710	775	716	788	743	790	749	749	733	772	756
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3459	3459	3437	3452	3448	3486	3499	3477	3428	3468	3468	3483	3466	3454
35 PUBLIC AGENCIES	10361	10361	10669	12267	13320	13997	14445	14045	13363	12739	12739	11863	10937	10628
36 INVESTOR-OWNED UTILITIES	14141	14141	13622	14939	16158	17710	18483	17783	16332	15141	15141	14194	14337	14253
37 REGIONAL TOTAL LOADS	27961	27961	27728	30658	32926	35192	36427	35304	33124	31348	31348	29539	28739	28335

TABLE A-2

EXPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EXPORTS TO EAST														
1 CITYIDFL TO UT, GEM ST HYD	20	20	0	0	0	0	0	0	0	0	0	0	21	22
2 EXPORTS TO EAST	20	20	0	0	0	0	0	0	0	0	0	0	21	22
INTRA-COMPANY TRANSFERS TO PSW														
3 PP&L TO PP&L N. CALIF.	15	15	-48	-37	-25	-4	-1	-25	-29	-31	-31	-22	-14	32
4 INTRA-CO TRANSFERS TO PSW	15	15	-48	-37	-25	-4	-1	-25	-29	-31	-31	-22	-14	32
EXPORTS TO PSW														
5 BPA TO ANAHEIM C/NX	24	24	24	24	0	0	0	0	0	0	0	0	24	24
6 BPA TO ANAHEIM CAP S	0	0	0	0	16	16	16	16	16	16	16	24	0	0
7 BPA TO BURBANK PWR S,C/NX	40	40	40	40	20	20	20	20	20	20	20	40	40	40
8 BPA TO GLENDALE PWR S,C/NX	20	20	20	20	10	10	10	10	10	10	10	20	20	20
9 BPA TO MSR PWR S,C/NX	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10 BPA TO PASADENA PWR S,C/NX1	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 BPA TO PASADENA C/NX2	15	15	15	0	0	0	0	0	0	0	0	15	15	15
12 BPA TO RIVERSIDE C/NX	23	23	23	23	0	0	0	0	0	0	0	0	23	23
13 BPA TO RIVERSIDE CAP S	0	0	0	0	16	16	16	16	16	16	16	23	0	0
14 BPA TO RIVERSIDE DIV XCHG	0	0	0	0	0	0	0	0	0	0	0	50	50	50
15 BPA TO SDG&E PWR X,C/NX	300	300	300	0	0	0	0	0	0	0	0	300	300	300
16 BPA TO SMUD PWR X,C/NX	50	50	50	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	250	250	250	250	250	250	250	250	250	250	250	250	250	250
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	50	50	50	50
19 BPA TO SCE OPT CAP	250	250	250	250	0	0	0	0	0	0	0	0	250	250
20 BPA NW-SW INTERTIE LOSSES	32	32	32	21	13	13	13	12	13	12	14	26	33	33
21 IPC TO SIERRA PAC PWR S1	16	16	16	16	16	16	16	16	16	16	16	16	16	16
22 IPC TO SIERRA PAC PWR S2	78	78	78	52	52	78	78	78	78	78	78	78	78	78
23 IPC TO UAMPS PWR S	76	76	66	66	62	76	76	67	50	47	47	62	70	76
24 IPC TO AZUSA,BAN,CLTN PWR S	7	7	7	7	7	7	7	7	7	7	7	7	7	7
25 IPC TO CTY OF WASH,UT PWR S	5	5	4	5	6	6	7	6	6	3	3	5	4	5
26 MPC TO LADWP PWR S	111	111	111	111	111	111	111	111	111	111	111	111	111	111
27 PP&L TO CDWR PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28 PP&L TO PG&E PWR S	80	80	80	80	100	100	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30 PP&L TO SCE PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31 PP&L TO WAPA PWR S	175	175	175	175	175	175	175	175	175	175	175	175	175	175
32 PGE TO BURBANK PWR S	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33 PGE TO GLENDALE PWR S	20	20	20	20	20	20	20	20	20	20	20	20	20	20
34 PGE TO SCE PWR S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
35 PGE TO SCE SPX	225	225	225	0	0	0	0	0	0	0	0	0	225	225
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	300	300	300	0	0	0	0	0	0	0	0	0	300	300
38 SCL TO PG&E SPX	100	100	100	100	0	0	0	0	0	0	0	0	100	100
39 SCL TO NCPA SPX	60	60	60	29	0	0	0	0	0	0	0	0	60	60
40 SNOH TO SMUD PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TCL TO WAPA PWR S	41	41	74	74	74	41	41	41	41	41	41	41	41	41
42 WWP TO PG&E SPX	150	150	150	150	0	0	0	0	0	0	0	0	150	150

TABLE A-2

EXPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
43 BOARDMAN(14.2%) TO SDG&E *	72	72	72	72	72	72	72	72	72	72	72	0	72	72
44 BOARDMAN(10.2%) TO TURLOCK*	51	51	51	51	51	51	51	51	51	51	51	0	51	51
45 LONGVIEW FIBRE TO WAPA *	45	45	45	45	45	45	45	45	45	45	45	45	45	45
46 TOTAL	168	168	168	168	168	168	168	168	168	168	168	45	168	168
47 EXPORTS TO PSW	3172	3172	3194	2237	1672	1679	1580	1569	1553	1546	1598	1914	3136	3143
EXPORTS TO CANADA														
48 BPA CAN. ENT. TO BC HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 EXPORTS TO CANADA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 TOTAL EXPORTS	3207	3207	3146	2200	1647	1675	1579	1544	1524	1515	1567	1892	3143	3197
TOTAL EXPORTS														
51 FEDERAL SYSTEM	1110	1110	1110	734	431	431	431	430	431	430	482	904	1161	1161
52 PUBLIC AGENCIES	221	221	234	203	74	41	41	41	41	41	41	41	222	223
53 INVESTOR-OWNED UTILITIES	1708	1708	1634	1095	974	1035	939	905	884	876	876	902	1592	1645
54 NON-NORTHWEST UTILITIES *	168	168	168	168	168	168	168	168	168	168	168	45	168	168
55 TOTAL EXPORTS	3207	3207	3146	2200	1647	1675	1579	1544	1524	1515	1567	1892	3143	3197

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-2

SHEET 1 OF 2

EXPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EXPORTS TO EAST														
1 CITYIDFL TO UT, GEM ST HYD	20	20	0	0	0	0	0	0	0	0	0	0	21	22
2 EXPORTS TO EAST	20	20	0	0	0	0	0	0	0	0	0	0	21	22
INTRA-COMPANY TRANSFERS TO PSW														
3 PP&L TO PP&L N. CALIF.	20	20	-44	-32	-20	1	6	-20	-24	-26	-26	-17	-9	38
4 INTRA-CO TRANSFERS TO PSW	20	20	-44	-32	-20	1	6	-20	-24	-26	-26	-17	-9	38
EXPORTS TO PSW														
5 BPA TO ANAHEIM C/NX	24	24	24	24	0	0	0	0	0	0	0	0	24	24
6 BPA TO ANAHEIM CAP S	0	0	0	0	16	16	16	16	16	16	16	24	0	0
7 BPA TO BURBANK PWR S,C/NX	40	40	40	40	20	20	20	20	20	20	20	40	40	40
8 BPA TO GLENDALE PWR S,C/NX	20	20	20	20	10	10	10	10	10	10	10	20	20	20
9 BPA TO MSR PWR S,C/NX	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 BPA TO PASADENA PWR S,C/NX1	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 BPA TO PASADENA C/NX2	15	15	15	0	0	0	0	0	0	0	0	15	15	15
12 BPA TO RIVERSIDE C/NX	23	23	23	23	0	0	0	0	0	0	0	0	23	23
13 BPA TO RIVERSIDE CAP S	0	0	0	0	16	16	16	16	16	16	16	23	0	0
14 BPA TO RIVERSIDE DIV XCHG	60	60	60	60	15	15	15	15	15	15	15	60	60	60
15 BPA TO SDG&E PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	250	250	250	250	250	250	250	250	250	250	250	250	250	250
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	50	50	50	50
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	17	17	17	17	14	15	15	14	15	14	16	18	19	19
21 IPC TO SIERRA PAC PWR S1	16	16	16	16	16	16	16	16	16	16	16	16	16	0
22 IPC TO SIERRA PAC PWR S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 IPC TO UAMPS PWR S	76	76	72	61	69	76	76	70	54	50	50	68	75	76
24 IPC TO AZUSA,BAN,CLTN PWR S	7	7	7	7	7	7	7	7	7	7	7	7	7	7
25 IPC TO CTY OF WASH,UT PWR S	6	6	5	6	7	7	8	7	7	3	3	6	5	6
26 MPC TO LADWP PWR S	111	111	111	111	111	111	111	111	111	111	111	111	111	111
27 PP&L TO CDWR PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28 PP&L TO PG&E PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30 PP&L TO SCE PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31 PP&L TO WAPA PWR S	175	175	175	175	175	175	175	175	175	175	175	175	175	175
32 PGE TO BURBANK PWR S	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33 PGE TO GLENDALE PWR S	20	20	20	20	20	20	20	20	20	20	20	20	20	20
34 PGE TO SCE PWR S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
35 PGE TO SCE SPX	225	225	225	0	0	0	0	0	0	0	0	0	225	225
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	300	300	300	0	0	0	0	0	0	0	0	0	300	300
38 SCL TO PG&E SPX	100	100	100	100	0	0	0	0	0	0	0	0	100	100
39 SCL TO NCPA SPX	60	60	60	29	0	0	0	0	0	0	0	0	60	60
40 SNOH TO SMUD PWR S	36	36	36	26	26	26	26	26	26	26	26	26	33	33
41 TCL TO WAPA PWR S	41	41	74	74	74	41	41	41	41	41	41	41	41	41
42 WWP TO PG&E SPX	150	150	150	150	0	0	0	0	0	0	0	0	150	150

TABLE A-2

EXPORTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST															
43 BOARDMAN(14.2%) TO SDG&E	*	72	72	72	72	72	72	72	72	72	72	72	0	72	72
44 BOARDMAN(10.2%) TO TURLOCK	*	51	51	51	51	51	51	51	51	51	51	51	0	51	51
45 LONGVIEW FIBRE TO WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
46 TOTAL		168	168	168	168	168	168	168	168	168	168	168	45	168	168
47 EXPORTS TO PSW		2546	2546	2574	1983	1620	1595	1596	1588	1573	1564	1616	1621	2593	2579
EXPORTS TO CANADA															
48 BPA CAN. ENT. TO BC HYDRO		521	521	521	521	521	521	521	521	521	521	521	521	521	521
49 EXPORTS TO CANADA		521	521	521	521	521	521	521	521	521	521	521	521	521	521
50 TOTAL EXPORTS		3107	3107	3051	2472	2121	2117	2123	2089	2070	2059	2111	2125	3126	3160
TOTAL EXPORTS															
51 FEDERAL SYSTEM		1126	1126	1126	1111	1018	1019	1019	1018	1019	1018	1070	1177	1178	1178
52 PUBLIC AGENCIES		257	257	270	229	100	67	67	67	67	67	67	67	255	256
53 INVESTOR-OWNED UTILITIES		1556	1556	1487	964	835	863	869	836	816	806	806	836	1525	1558
54 NON-NORTHWEST UTILITIES	*	168	168	168	168	168	168	168	168	168	168	168	45	168	168
55 TOTAL EXPORTS		3107	3107	3051	2472	2121	2117	2123	2089	2070	2059	2111	2125	3126	3160

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
B. BPA TO GLEN, POWER SALE & CAPACITY/ENERGY EXCHANGE
C. BPA TO MSR, POWER SALE & CAPACITY/ENERGY EXCHANGE
D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-2

SHEET 1 OF 2

EXPORTS

1994 WHITEBOOK: 12/20/94

2004- 5 OPERATING YEAR

RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EXPORTS TO EAST														
1 CITYIDFL TO UT, GEM ST HYD	20	20	0	0	0	0	0	0	0	0	0	0	21	22
2 EXPORTS TO EAST	20	20	0	0	0	0	0	0	0	0	0	0	21	22
INTRA-COMPANY TRANSFERS TO PSW														
3 PP&L TO PP&L N. CALIF.	29	29	-37	-24	-11	11	17	-10	-14	-17	-17	-7	2	49
4 INTRA-CO TRANSFERS TO PSW	29	29	-37	-24	-11	11	17	-10	-14	-17	-17	-7	2	49
EXPORTS TO PSW														
5 BPA TO ANAHEIM C/NX	24	24	24	24	0	0	0	0	0	0	0	0	24	24
6 BPA TO ANAHEIM CAP S	0	0	0	0	16	16	16	16	16	16	16	24	0	0
7 BPA TO BURBANK PWR S,C/NX	40	40	40	40	20	20	20	20	20	20	20	40	40	40
8 BPA TO GLENDALE PWR S,C/NX	20	20	20	20	10	10	10	10	10	10	10	20	20	20
9 BPA TO MSR PWR S,C/NX	150	150	150	150	150	150	150	150	150	150	150	150	150	150
10 BPA TO PASADENA PWR S,C/NX1	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 BPA TO PASADENA C/NX2	15	15	15	0	0	0	0	0	0	0	0	15	15	15
12 BPA TO RIVERSIDE C/NX	23	23	23	23	0	0	0	0	0	0	0	0	23	23
13 BPA TO RIVERSIDE CAP S	0	0	0	0	16	16	16	16	16	16	16	23	0	0
14 BPA TO RIVERSIDE DIV XCHG	60	60	60	60	15	15	15	15	15	15	15	60	60	60
15 BPA TO SDG&E PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BPA TO SMUD PWR X,C/NX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 BPA TO SCE PWR S&C/NX	250	250	250	250	250	250	250	250	250	250	250	250	250	250
18 BPA TO SCE ENV STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 BPA TO SCE OPT CAP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 BPA NW-SW INTERTIE LOSSES	17	17	17	17	14	14	14	14	14	14	14	17	17	17
21 IPC TO SIERRA PAC PWR S1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 IPC TO SIERRA PAC PWR S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 IPC TO UAMPS PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 IPC TO AZUSA,BAN,CLTN PWR S	7	7	7	7	7	7	7	7	7	7	7	7	7	7
25 IPC TO CTY OF WASH,UT PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 MPC TO LADWP PWR S	111	111	111	111	111	111	111	111	111	111	111	111	111	111
27 PP&L TO CDWR PWR S	100	100	100	100	100	100	0	0	0	0	0	0	0	0
28 PP&L TO PG&E PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PP&L TO SMUD PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30 PP&L TO SCE PWR S	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31 PP&L TO WAPA PWR S	175	175	175	175	175	175	175	175	175	175	175	175	175	175
32 PGE TO BURBANK PWR S	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33 PGE TO GLENDALE PWR S	20	20	20	20	20	20	20	20	20	20	20	20	20	20
34 PGE TO SCE PWR S	75	75	75	75	75	75	75	75	75	75	75	75	75	75
35 PGE TO SCE SPX	225	225	225	0	0	0	0	0	0	0	0	0	225	225
36 PGE TO WAPA PWR S	65	65	65	65	65	65	65	65	65	65	65	65	65	65
37 PSP&L TO PG&E SPX	300	300	300	0	0	0	0	0	0	0	0	0	300	300
38 SCL TO PG&E SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 SCL TO NCPA SPX	60	60	60	29	0	0	0	0	0	0	0	0	60	60
40 SNOH TO SMUD PWR S	36	36	36	26	26	26	26	26	26	26	26	26	33	33
41 TCL TO WAPA PWR S	41	41	74	74	74	41	0	0	0	0	0	0	0	0
42 WWP TO PG&E SPX	150	150	150	150	0	0	0	0	0	0	0	0	150	150

TABLE A-2

SHEET 2 OF 2

EXPORTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
43 BOARDMAN(14.2%) TO SDG&E *	72	72	72	72	72	72	72	72	72	72	72	0	72	72
44 BOARDMAN(10.2%) TO TURLOCK*	51	51	51	51	51	51	51	51	51	51	51	0	51	51
45 LONGVIEW FIBRE TO WAPA *	45	45	45	45	45	45	0	0	0	0	0	0	0	0
46 TOTAL	168	168	168	168	168	168	123	123	123	123	123	0	123	123
47 EXPORTS TO PSW	2348	2348	2381	1800	1528	1495	1309	1309	1309	1309	1309	1294	2159	2159
EXPORTS TO CANADA														
48 BPA CAN. ENT. TO BC HYDRO	950	950	950	950	950	950	950	950	950	950	950	950	950	950
49 EXPORTS TO CANADA	950	950	950	950	950	950	950	950	950	950	950	950	950	950
50 TOTAL EXPORTS	3347	3347	3294	2726	2467	2456	2276	2249	2245	2242	2242	2237	3132	3180
TOTAL EXPORTS														
51 FEDERAL SYSTEM	1555	1555	1555	1540	1447	1447	1447	1447	1447	1447	1447	1555	1555	1555
52 PUBLIC AGENCIES	157	157	170	129	100	67	26	26	26	26	26	26	114	115
53 INVESTOR-OWNED UTILITIES	1467	1467	1401	889	752	774	680	653	649	646	646	656	1340	1387
54 NON-NORTHWEST UTILITIES *	168	168	168	168	168	168	123	123	123	123	123	0	123	123
55 TOTAL EXPORTS	3347	3347	3294	2726	2467	2456	2276	2249	2245	2242	2242	2237	3132	3180

NOTE: 1. THE FOLLOWING BPA CONTRACTS ARE SHOWN ASSURPLUS FIRM POWER SALES UNTIL THEY EXPIRE. IN ACTUAL OPERATION, THESE CONTRACTS MAY CONVERT ANNUALLY, ON AN INDIVIDUAL BASIS, TO CAPACITY/ENERGY EXCHANGES TO MEET LOADS.

A. BPA TO BURB, POWER SALE & CAPACITY/ENERGY EXCHANGE
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D. BPA TO PASA, POWER SALE & CAPACITY/ENERGY EXCHANGE 1
E. BPA TO SCE, POWER SALE & CAPACITY/ENERGY EXCHANGE

2. BPA OPTION CAPACITY SALE TO SCE IS INCLUDED THROUGH OY 1996-97

TABLE A-3

SHEET 1 OF 2

REGULATED HYDRO PROJECTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
REGULATED HYDRO PROJECTS																
1	ALBENI FLS AFTER ENC.	FED	50	50	49	38	25	20	21	18	19	20	20	32	45	50
2	ALDER	TCL	52	51	51	48	44	43	40	42	48	50	51	51	50	48
3	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
4	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	1004	965	845	845
5	BOX CANYON AFTER ENC.	PENDO	80	82	82	80	81	81	81	80	80	80	77	78	80	82
6	BROWNLEE	ID	675	675	675	659	675	675	675	675	675	675	675	675	675	675
7	CABINET GORGE	WWP	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8	CARMEN-SMITH	EUG	42	39	38	33	30	52	43	58	48	49	31	36	42	37
9	CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58
10	CHIEF JOSEPH AFT ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
11	CUSHMAN 1	TCL	19	45	46	44	42	42	41	17	42	18	26	46	37	19
12	CUSHMAN 2	TCL	0	45	88	88	88	64	88	6	88	2	15	84	32	0
13	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
14	DWORSHAK	FED	448	448	448	448	448	448	448	448	448	449	449	449	449	448
15	FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
16	GORGE	SCL	176	177	177	177	177	177	177	177	177	176	176	176	177	177
17	GRAND COULEE-LDS+TRB	FED	6059	6132	6178	6263	6658	6664	6685	6704	6583	6193	5897	5579	5754	5986
18	HELLS CANYON	ID	217	217	432	377	253	265	450	369	358	322	366	450	244	360
19	HUNGRY HORSE	FED	397	389	375	361	349	329	291	255	211	0	0	0	0	0
20	ICE HARBOR	FED	624	693	693	693	693	693	693	693	693	693	693	693	693	407
21	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
22	KERR REGIONAL	MPC	39	39	27	24	29	26	23	19	19	27	24	28	32	48
23	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
24	LIBBY	FED	599	597	595	593	587	576	561	541	528	525	528	566	586	598
25	LITTLE FALLS	WWP	34	34	35	34	34	34	34	34	34	34	33	34	34	34
26	LITTLE GOOSE	FED	904	928	928	928	928	928	928	928	928	923	917	917	917	918
27	LONG LAKE	WWP	73	73	72	72	72	71	69	66	64	69	72	72	72	73
28	LOWER BAKER	PSP&L	71	71	71	71	71	64	54	53	53	51	51	14	66	71
29	LOWER GRANITE	FED	920	930	930	930	930	930	930	930	930	920	912	912	912	912
30	LOWER MONUMENTAL	FED	863	922	923	922	922	922	922	922	923	918	912	912	912	912
31	MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
32	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
33	MERWIN	PP&L	148	147	145	143	143	143	143	143	143	147	148	148	147	147
34	MONROE STREET	WWP	10	10	10	10	10	10	13	13	13	13	13	13	13	13
35	MOSSY ROCK	TCL	384	384	384	384	358	322	272	244	245	251	267	292	314	317
36	NINE MILE	WWP	26	26	26	26	26	26	27	25	25	25	24	25	25	26
37	NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
38	NOXON	WWP	544	534	541	549	549	549	529	506	503	509	532	551	554	554
39	OAK GROVE	PGE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
40	OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	10	30	30	30
42	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	15	15	15	16	16
45	PRST RPDS AFTER ENC.	GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-3 (CONTINUED)

REGULATED HYDRO

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
REGULATED HYDRO PROJECTS															
46 RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
47 ROCK ISLAND	CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598
48 RKY REACH AFTER ENC.	CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
49 ROSS	SCL	224	328	281	424	405	381	350	326	310	314	342	332	420	442
50 ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
51 SWIFT 1	PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
52 SWIFT 2	COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58
53 THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
54 THOMPSON FLS REGIONAL	MPC	10	10	7	6	7	7	12	11	11	15	13	15	17	26
55 TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56 UPPER BAKER	PSP&L	101	101	101	100	97	95	87	80	80	80	79	0	101	101
57 UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	9	9	9	10	10
58 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
59 WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
60 WHITE	PSP&L	64	64	64	64	64	63	56	47	47	43	45	61	64	64
61 YALE	PP&L	133	133	129	124	124	124	124	124	113	107	123	133	133	133
HYDRO EFFICIENCY IMPROVEMENTS															
62 HYDRO EFFICIENCY IMP.	FED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 REGULATED HYDRO W/ENC.		30620	30975	31239	31345	31528	31414	31444	31138	31045	30305	30250	29805	30208	30311
TOTAL REGULATED HYDRO W/ENCROACHMENTS															
64 FEDERAL SYSTEM		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
65 PUBLIC AGENCIES		4173	4338	4346	4475	4414	4347	4273	4133	4226	4129	4323	4293	4320	4321
66 INVESTOR-OWNED UTILITIES		6178	6143	6369	6289	6169	6152	6287	6161	6151	6130	6214	6047	6215	6354
67 TOTAL REGULATED HYDRO W/ENC		30620	30975	31239	31345	31528	31414	31444	31138	31045	30305	30250	29805	30208	30311
HYDRO INDEPENDENTS (FROM TABLE A-4)															
68 FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
69 PUBLIC AGENCIES		202	200	195	196	203	189	211	213	220	209	208	209	206	183
70 INVESTOR-OWNED UTILITIES		947	918	878	840	868	898	863	856	894	907	913	901	923	948
71 TOTAL HYDRO INDEPENDENTS		1836	1799	1757	1730	1745	1723	1706	1829	1879	1908	1913	1800	1812	1800
TOTAL REGIONAL HYDRO															
72 FEDERAL SYSTEM		20956	21175	21208	21275	21619	21551	21516	21604	21433	20838	20505	20155	20356	20305
73 PUBLIC AGENCIES		4375	4538	4541	4671	4617	4536	4484	4346	4446	4338	4531	4502	4526	4504
74 INVESTOR-OWNED UTILITIES		7125	7061	7247	7129	7037	7050	7150	7017	7045	7037	7127	6948	7138	7302
75 TOTAL REGIONAL HYDRO		32456	32774	32996	33075	33273	33137	33150	32967	32924	32213	32163	31605	32020	32111

TABLE A-3

REGULATED HYDRO PROJECTS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	REGULATED HYDRO PROJECTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	ALBENI FLS AFTER ENC.	FED	50	50	49	38	25	20	21	18	19	20	20	32	45	50
2	ALDER	TCL	52	51	51	48	44	43	40	42	48	50	51	51	50	48
3	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
4	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	1004	965	845	845
5	BOX CANYON AFTER ENC.	PENDO	80	82	82	80	81	81	81	80	80	80	77	78	80	82
6	BROWNLEE	ID	675	675	675	659	675	675	675	675	675	675	675	675	675	675
7	CABINET GORGE	WWP	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8	CARMEN-SMITH	EUG	42	39	38	33	30	52	43	58	48	49	31	36	42	37
9	CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58
10	CHIEF JOSEPH AFT ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
11	CUSHMAN 1	TCL	19	45	46	44	42	42	41	17	42	18	26	46	37	19
12	CUSHMAN 2	TCL	0	45	88	88	88	64	88	6	88	2	15	84	32	0
13	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
14	DWORSHAK	FED	448	448	448	448	448	448	448	448	448	449	449	449	449	448
15	FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
16	GORGE	SCL	176	177	177	177	177	177	177	177	177	176	176	176	177	177
17	GRAND COULEE-LDS+TRB	FED	6059	6132	6178	6263	6658	6664	6685	6704	6583	6193	5897	5579	5754	5986
18	HELLS CANYON	ID	217	217	432	377	253	265	450	369	358	322	366	450	244	360
19	HUNGRY HORSE	FED	397	389	375	361	349	329	291	255	211	0	0	0	0	0
20	ICE HARBOR	FED	624	693	693	693	693	693	693	693	693	693	693	693	693	407
21	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
22	KERR REGIONAL	MPC	49	49	39	41	44	40	40	36	37	38	33	38	43	49
23	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
24	LIBBY	FED	599	597	595	593	587	576	561	541	528	525	528	566	586	598
25	LITTLE FALLS	WWP	34	34	35	34	34	34	34	34	34	34	33	34	34	34
26	LITTLE GOOSE	FED	904	928	928	928	928	928	928	928	928	923	917	917	917	918
27	LONG LAKE	WWP	73	73	72	72	72	71	69	66	64	69	72	72	72	73
28	LOWER BAKER	PSP&L	71	71	71	71	71	64	54	53	53	51	51	14	66	71
29	LOWER GRANITE	FED	920	930	930	930	930	930	930	930	930	920	912	912	912	912
30	LOWER MONUMENTAL	FED	863	922	923	922	922	922	922	922	923	918	912	912	912	912
31	MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
32	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
33	MERWIN	PP&L	148	147	145	143	143	143	143	143	143	147	148	148	147	147
34	MONROE STREET	WWP	10	10	10	10	10	10	13	13	13	13	13	13	13	13
35	MOSSY ROCK	TCL	384	384	384	384	358	322	272	244	245	251	267	292	314	317
36	NINE MILE	WWP	26	26	26	26	26	26	27	25	25	25	24	25	25	26
37	NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
38	NOXON	WWP	544	534	541	549	549	549	529	506	503	509	532	551	554	554
39	OAK GROVE	PGE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
40	OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	10	30	30	30
42	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	15	15	15	16	16
45	PRST RPDS AFTER ENC.	GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-3 (CONTINUED)

REGULATED HYDRO

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
REGULATED HYDRO PROJECTS															
46 RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
47 ROCK ISLAND	CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598
48 RKY REACH AFTER ENC.	CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
49 ROSS	SCL	224	328	281	424	405	381	350	326	310	314	342	332	420	442
50 ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
51 SWIFT 1	PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
52 SWIFT 2	COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58
53 THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
54 THOMPSON FLS REGIONAL	MPC	12	12	10	11	11	11	22	20	21	22	18	21	23	26
55 TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56 UPPER BAKER	PSP&L	101	101	101	100	97	95	87	80	80	80	79	0	101	101
57 UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	9	9	9	10	10
58 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
59 WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
60 WHITE	PSP&L	64	64	64	64	64	63	56	47	47	43	45	61	64	64
61 YALE	PP&L	133	133	129	124	124	124	124	124	113	107	123	133	133	133
HYDRO EFFICIENCY IMPROVEMENTS															
62 HYDRO EFFICIENCY IMP.	FED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 REGULATED HYDRO W/ENC.		30632	30987	31254	31367	31547	31432	31471	31164	31073	30323	30264	29821	30225	30312
TOTAL REGULATED HYDRO W/ENCROACHMENTS															
64 FEDERAL SYSTEM		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
65 PUBLIC AGENCIES		4195	4359	4368	4497	4436	4368	4295	4155	4248	4151	4343	4313	4340	4374
66 INVESTOR-OWNED UTILITIES		6168	6134	6362	6289	6166	6149	6292	6165	6157	6126	6208	6043	6212	6302
67 TOTAL REGULATED HYDRO W/ENC		30632	30987	31254	31367	31547	31432	31471	31164	31073	30323	30264	29821	30225	30312
HYDRO INDEPENDENTS (FROM TABLE A-4)															
68 FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
69 PUBLIC AGENCIES		210	208	203	204	211	197	219	221	228	217	216	217	214	191
70 INVESTOR-OWNED UTILITIES		963	934	899	865	892	923	893	886	927	926	932	919	941	948
71 TOTAL HYDRO INDEPENDENTS		1860	1823	1786	1763	1777	1756	1744	1867	1920	1935	1940	1826	1838	1808
TOTAL REGIONAL HYDRO															
72 FEDERAL SYSTEM		20956	21175	21208	21275	21619	21551	21516	21604	21433	20838	20505	20155	20356	20305
73 PUBLIC AGENCIES		4405	4567	4571	4701	4647	4565	4514	4376	4476	4368	4559	4530	4554	4565
74 INVESTOR-OWNED UTILITIES		7131	7068	7261	7154	7058	7072	7185	7051	7084	7052	7140	6962	7153	7250
75 TOTAL REGIONAL HYDRO		32492	32810	33040	33130	33324	33188	33215	33031	32993	32258	32204	31647	32063	32120

TABLE A-3

REGULATED HYDRO PROJECTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
REGULATED HYDRO PROJECTS																
1	ALBENI FLS AFTER ENC.	FED	50	50	49	38	25	20	21	18	19	20	20	32	45	50
2	ALDER	TCL	52	51	51	48	44	43	40	42	48	50	51	51	50	48
3	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
4	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	1004	965	845	845
5	BOX CANYON AFTER ENC.	PENDO	80	82	82	80	81	81	81	80	80	80	77	78	80	82
6	BROWNLEE	ID	675	675	675	659	675	675	675	675	675	675	675	675	675	675
7	CABINET GORGE	WWP	239	239	239	239	239	239	239	239	239	239	239	239	239	239
8	CARMEN-SMITH	EUG	42	39	38	33	30	52	43	58	48	49	31	36	42	37
9	CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58
10	CHIEF JOSEPH AFT ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
11	CUSHMAN 1	TCL	19	45	46	44	42	42	41	17	42	18	26	46	37	19
12	CUSHMAN 2	TCL	0	45	88	88	88	64	88	6	88	2	15	84	32	0
13	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
14	DWORSHAK	FED	448	448	448	448	448	448	448	448	448	449	449	449	449	448
15	FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
16	GORGE	SCL	176	177	177	177	177	177	177	177	177	176	176	176	177	177
17	GRAND COULEE-LDS+TRB	FED	6059	6132	6178	6263	6658	6664	6685	6704	6583	6193	5897	5579	5754	5986
18	HELLS CANYON	ID	217	217	432	377	253	265	450	369	358	322	366	450	244	360
19	HUNGRY HORSE	FED	397	389	375	361	349	329	291	255	211	0	0	0	0	0
20	ICE HARBOR	FED	624	693	693	693	693	693	693	693	693	693	693	693	693	407
21	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
22	KERR REGIONAL	MPC	61	61	52	54	56	52	51	48	49	51	46	52	56	62
23	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
24	LIBBY	FED	599	597	595	593	587	576	561	541	528	525	528	566	586	598
25	LITTLE FALLS	WWP	34	34	35	34	34	34	34	34	34	34	33	34	34	34
26	LITTLE GOOSE	FED	904	928	928	928	928	928	928	928	928	923	917	917	917	918
27	LONG LAKE	WWP	73	73	72	72	72	71	69	66	64	69	72	72	72	73
28	LOWER BAKER	PSP&L	71	71	71	71	71	64	54	53	53	51	51	14	66	71
29	LOWER GRANITE	FED	920	930	930	930	930	930	930	930	930	920	912	912	912	912
30	LOWER MONUMENTAL	FED	863	922	923	922	922	922	922	922	923	918	912	912	912	912
31	MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
32	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
33	MERWIN	PP&L	148	147	145	143	143	143	143	143	143	147	148	148	147	147
34	MONROE STREET	WWP	10	10	10	10	10	10	13	13	13	13	13	13	13	13
35	MOSSY ROCK	TCL	384	384	384	384	358	322	272	244	245	251	267	292	314	317
36	NINE MILE	WWP	26	26	26	26	26	26	27	25	25	25	24	25	25	26
37	NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
38	NOXON	WWP	544	534	541	549	549	549	529	506	503	509	532	551	554	554
39	OAK GROVE	PGE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
40	OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
41	PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	10	30	30	30
42	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
43	PELTON REREGULATING	PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	15	15	15	16	16
45	PRST RPDS AFTER ENC.	GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-3 (CONTINUED)

REGULATED HYDRO

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
REGULATED HYDRO PROJECTS																
46	RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
47	ROCK ISLAND	CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598
48	RKY REACH AFTER ENC.	CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
49	ROSS	SCL	224	328	281	424	405	381	350	326	310	314	342	332	420	442
50	ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
51	SWIFT 1	PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
52	SWIFT 2	COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58
53	THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
54	THOMPSON FLS REGIONAL	MPC	15	15	13	14	14	13	28	27	28	30	25	28	30	33
55	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56	UPPER BAKER	PSP&L	101	101	101	100	97	95	87	80	80	80	79	0	101	101
57	UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	9	9	9	10	10
58	WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
59	WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
60	WHITE	PSP&L	64	64	64	64	64	63	56	47	47	43	45	61	64	64
61	YALE	PP&L	133	133	129	124	124	124	124	124	113	107	123	133	133	133
HYDRO EFFICIENCY IMPROVEMENTS																
62	HYDRO EFFICIENCY IMP.	FED	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	REGULATED HYDRO W/ENC.		30647	31002	31270	31383	31562	31446	31488	31183	31092	30344	30284	29842	30245	30332
TOTAL REGULATED HYDRO W/ENCROACHMENTS																
64	FEDERAL SYSTEM		20269	20494	20524	20581	20945	20915	20884	20844	20668	20046	19713	19465	19673	19636
65	PUBLIC AGENCIES		4371	4535	4542	4671	4612	4544	4468	4329	4422	4325	4527	4496	4523	4515
66	INVESTOR-OWNED UTILITIES		6007	5973	6204	6131	6005	5987	6136	6010	6002	5973	6044	5881	6049	6181
67	TOTAL REGULATED HYDRO W/ENC		30647	31002	31270	31383	31562	31446	31488	31183	31092	30344	30284	29842	30245	30332
HYDRO INDEPENDENTS (FROM TABLE A-4)																
68	FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
69	PUBLIC AGENCIES		210	208	203	204	211	197	219	221	228	217	216	217	214	191
70	INVESTOR-OWNED UTILITIES		986	957	923	884	911	945	914	904	948	952	953	943	969	970
71	TOTAL HYDRO INDEPENDENTS		1883	1846	1810	1782	1796	1778	1765	1885	1941	1961	1961	1850	1866	1830
TOTAL REGIONAL HYDRO																
72	FEDERAL SYSTEM		20956	21175	21208	21275	21619	21551	21516	21604	21433	20838	20505	20155	20356	20305
73	PUBLIC AGENCIES		4581	4743	4745	4875	4823	4741	4687	4550	4650	4542	4743	4713	4737	4706
74	INVESTOR-OWNED UTILITIES		6993	6930	7127	7015	6916	6932	7050	6914	6950	6925	6997	6824	7018	7151
75	TOTAL REGIONAL HYDRO		32530	32848	33080	33165	33358	33224	33253	33068	33033	32305	32245	31692	32111	32162

TABLE A-4

HYDRO INDEPENDENTS

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1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	AMERICAN FALLS	ID	81	55	37	12	9	20	0	0	31	51	64	53	77	79
2	ANDERSON RANCH	FED	37	37	34	33	32	32	31	29	27	31	31	36	38	35
3	BIG CLIFF	FED	10	6	8	13	15	21	21	21	21	21	21	7	7	7
4	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	9	10	10	10	8	7
6	BLACK EAGLE REGIONAL	MPC	4	4	2	2	3	3	2	2	2	3	3	2	4	6
7	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
8	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
9	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
10	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	CASCADE	ID	14	10	6	6	0	0	5	0	0	0	0	0	0	11
12	CEDAR FALLS, NEWHALEM	SCL	30	30	30	30	30	3	30	30	30	30	30	30	30	10
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4
14	COCHRANE REGIONAL	MPC	13	13	9	4	6	6	5	4	5	7	6	9	12	15
15	CNDT,SM PLNTS,BIG FRK	PP&L	34	34	34	35	36	36	35	36	36	37	37	36	37	36
16	COUGAR	FED	17	17	15	25	24	25	25	25	25	25	25	8	8	15
17	COWLITZ FALLS	FED	11	11	13	16	13	17	14	53	29	44	45	36	28	15
18	DETROIT	FED	115	115	115	115	115	96	96	115	115	115	115	115	115	115
19	DEXTER	FED	7	6	8	12	16	17	17	17	17	17	17	5	5	4
21	FELT	PP&L	2	2	2	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	22	22	22	22	22	22	8	8	5
23	GEM STATE HYDRO	CIDFL	20	20	16	13	14	15	15	15	22	22	22	21	21	22
24	GREEN PETER	FED	92	92	92	92	92	79	79	92	92	92	92	92	92	92
25	GREEN SPRINGS - USBR	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18
26	HAUSER REGIONAL	MPC	4	4	3	2	3	3	3	2	2	3	3	3	3	5
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	30	30	30	30	30	30	6	6	6
29	HOLTER REGIONAL	MPC	9	9	9	6	6	6	7	6	5	9	8	6	10	11
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
35	LEABURG	EUG	7	6	5	7	7	13	10	13	13	11	10	10	7	6
36	LOOKOUT POINT	FED	138	138	138	138	114	67	67	114	138	138	138	138	138	138
37	LOST CREEK	FED	56	56	48	45	43	46	50	54	56	56	56	56	56	49
38	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
39	MADISON REGIONAL	MPC	2	2	1	1	2	1	1	1	1	1	1	1	2	3
40	MCNARY FISHWAY NWSCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	MEYERS FALLS WWP		1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	MILL CREEK LEWIS		1	1	1	1	1	1	1	0	1	1	1	1	1	1
43	MLTWN FLT CR REGIONAL	MPC	1	1	1	1	1	0	0	0	0	1	1	1	1	1
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0
45	MINIDOKA	FED	15	15	14	13	13	13	13	14	15	15	15	15	15	15
46	MORONY REGIONAL	MPC	12	12	8	5	7	7	7	4	6	8	7	8	9	15
47	MORSE CREEK PT ANGLS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

1995-96 OPERATING YEAR

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1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	3	3	1	2	2	2	1	0	1	1	0	0	0	4
50	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
51	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
52	RAINBOW REGIONAL	MPC	6	6	6	5	5	5	5	4	4	6	5	6	6	9
53	REEDER GULCH	ASHLD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26
55	ROZA - PUMPING LOAD	FED	8	8	7	-3	0	0	0	5	6	10	9	4	7	8
56	RYAN REGIONAL	MPC	15	15	10	8	11	10	9	7	8	11	9	11	12	18
57	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
58	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
59	SODA CREEK	SODA SPR	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	SOUTH FORK TOLT	SCL	0	0	0	0	7	7	7	7	7	0	0	0	0	0
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26
62	STRAWBERRY	LWVAL	1	1	2	2	1	2	2	1	1	2	2	1	2	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13
65	THE DALLES FISHWAY	NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0
67	UPPER SALMON 1&2	ID	19	19	19	19	19	19	19	19	19	19	19	19	19	19
68	UPPER SALMON 3&4	ID	17	17	17	17	17	17	17	17	17	17	17	17	17	17
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	4	4	7	6	4
70	WYNOCHEE	TCL	11	11	11	11	11	11	11	11	11	11	11	11	11	11
69	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70	TOTAL HYDRO INDEPENDENTS		1836	1799	1757	1730	1745	1723	1706	1829	1879	1908	1913	1800	1812	1800

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
73	PUBLIC AGENCIES		202	200	195	196	203	189	211	213	220	209	208	209	206	183
74	INVESTOR-OWNED UTILITIES		947	918	878	840	868	898	863	856	894	907	913	901	923	948
75	TOTAL HYDRO INDEPENDENTS		1836	1799	1757	1730	1745	1723	1706	1829	1879	1908	1913	1800	1812	1800

TABLE A-4

HYDRO INDEPENDENTS

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1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	AMERICAN FALLS	ID	81	55	37	12	9	20	0	0	31	51	64	53	77	79
2	ANDERSON RANCH	FED	37	37	34	33	32	32	31	29	27	31	31	36	38	35
3	BIG CLIFF	FED	10	6	8	13	15	21	21	21	21	21	21	7	7	7
4	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	9	10	10	10	8	7
6	BLACK EAGLE REGIONAL	MPC	6	6	3	4	5	5	4	3	5	4	4	3	5	6
7	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
8	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
9	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
10	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	CASCADE	ID	14	10	6	6	0	0	5	0	0	0	0	0	0	11
12	CEDAR FALLS, NEWHALEM	SCL	30	30	30	30	30	3	30	30	30	30	30	30	30	10
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4
14	COCHRANE REGIONAL	MPC	16	16	13	7	9	9	8	8	10	10	9	12	15	15
15	CNDT,SM PLNTS,BIG FRK	PP&L	34	34	34	35	36	36	35	36	36	37	37	36	37	36
16	COUGAR	FED	17	17	15	25	24	25	25	25	25	25	25	8	8	15
17	COWLITZ FALLS	FED	11	11	13	16	13	17	14	53	29	44	45	36	28	15
18	DETROIT	FED	115	115	115	115	115	96	96	115	115	115	115	115	115	115
19	DEXTER	FED	7	6	8	12	16	17	17	17	17	17	17	5	5	4
21	FELT	PP&L	2	2	2	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	22	22	22	22	22	22	8	8	5
23	GEM STATE HYDRO	CIDFL	20	20	16	13	14	15	15	15	22	22	22	21	21	22
24	GREEN PETER	FED	92	92	92	92	92	79	79	92	92	92	92	92	92	92
25	GREEN SPRINGS - USBR	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18
26	HAUSER REGIONAL	MPC	5	5	4	4	5	5	4	4	4	4	4	4	4	5
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	30	30	30	30	30	30	6	6	6
29	HOLTER REGIONAL	MPC	11	11	12	10	10	9	13	11	10	12	11	9	14	11
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
35	LEABURG	EUG	7	6	5	7	7	13	10	13	13	11	10	10	7	6
36	LOOKOUT POINT	FED	138	138	138	138	114	67	67	114	138	138	138	138	138	138
37	LOST CREEK	FED	56	56	48	45	43	46	50	54	56	56	56	56	56	49
38	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
39	MADISON REGIONAL	MPC	2	2	2	2	2	2	2	2	2	1	1	2	2	3
40	MCNARY FISHWAY	NWSCO	8	8	8	8	8	8	8	8	8	8	8	8	8	8
41	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	MILL CREEK	LEWIS	1	1	1	1	1	1	1	0	1	1	1	1	1	1
43	MLTWN FLT CR REGIONAL	MPC	1	1	1	1	1	1	1	0	1	1	1	1	1	1
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0
45	MINIDOKA	FED	15	15	14	13	13	13	13	14	15	15	15	15	15	15
46	MORONY REGIONAL	MPC	15	15	11	8	11	10	12	9	11	12	10	11	12	15
47	MORSE CREEK PT	ANGLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

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1930 WATER YEAR
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			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	3	3	1	3	3	3	1	1	1	1	1	0	0	4
50	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
51	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
52	RAINBOW REGIONAL	MPC	8	8	9	9	8	8	9	8	8	9	8	8	8	9
53	REEDER GULCH	ASHLD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26
55	ROZA - PUMPING LOAD	FED	8	8	7	-3	0	0	0	5	6	10	9	4	7	8
56	RYAN REGIONAL	MPC	18	18	15	13	16	16	16	14	15	15	13	15	16	18
57	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
58	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
59	SODA CREEK	SODA SPR	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	SOUTH FORK TOLT	SCL	0	0	0	0	7	7	7	7	7	0	0	0	0	0
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26
62	STRAWBERRY	LWVAL	1	1	2	2	1	2	2	1	1	2	2	1	2	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13
65	THE DALLES FISHWAY	NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0
67	UPPER SALMON 1&2	ID	19	19	19	19	19	19	19	19	19	19	19	19	19	19
68	UPPER SALMON 3&4	ID	17	17	17	17	17	17	17	17	17	17	17	17	17	17
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	4	4	7	6	4
70	WYNOCHEE	TCL	11	11	11	11	11	11	11	11	11	11	11	11	11	11
69	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70	TOTAL HYDRO INDEPENDENTS		1860	1823	1786	1763	1777	1756	1744	1867	1920	1935	1940	1826	1838	1808

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
73	PUBLIC AGENCIES		210	208	203	204	211	197	219	221	228	217	216	217	214	191
74	INVESTOR-OWNED UTILITIES		963	934	899	865	892	923	893	886	927	926	932	919	941	948
75	TOTAL HYDRO INDEPENDENTS		1860	1823	1786	1763	1777	1756	1744	1867	1920	1935	1940	1826	1838	1808

TABLE A-4

HYDRO INDEPENDENTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	AMERICAN FALLS	ID	81	55	37	12	9	20	0	0	31	51	64	53	77	79
2	ANDERSON RANCH	FED	37	37	34	33	32	32	31	29	27	31	31	36	38	35
3	BIG CLIFF	FED	10	6	8	13	15	21	21	21	21	21	21	7	7	7
4	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	BLACK CANYON	FED	10	10	8	9	6	7	9	8	9	10	10	10	8	7
6	BLACK EAGLE REGIONAL	MPC	7	7	4	5	6	6	6	4	6	6	5	5	7	7
7	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
8	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
9	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
10	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	CASCADE	ID	14	10	6	6	0	0	5	0	0	0	0	0	0	11
12	CEDAR FALLS, NEWHALEM	SCL	30	30	30	30	30	3	30	30	30	30	30	30	30	10
13	CHANDLER	FED	5	5	4	4	8	10	7	13	13	12	12	0	0	4
14	COCHRANE REGIONAL	MPC	20	20	18	9	12	12	11	10	13	14	12	16	20	18
15	CNDT,SM PLNTS,BIG FRK	PP&L	34	34	34	35	36	36	35	36	36	37	37	36	37	36
16	COUGAR	FED	17	17	15	25	24	25	25	25	25	25	25	8	8	15
17	COWLITZ FALLS	FED	11	11	13	16	13	17	14	53	29	44	45	36	28	15
18	DETROIT	FED	115	115	115	115	115	96	96	115	115	115	115	115	115	115
19	DEXTER	FED	7	6	8	12	16	17	17	17	17	17	17	5	5	4
21	FELT	PP&L	2	2	2	1	1	1	1	1	1	1	1	1	1	1
22	FOSTER	FED	4	4	4	11	6	22	22	22	22	22	22	8	8	5
23	GEM STATE HYDRO	CIDFL	20	20	16	13	14	15	15	15	22	22	22	21	21	22
24	GREEN PETER	FED	92	92	92	92	92	79	79	92	92	92	92	92	92	92
25	GREEN SPRINGS - USBR	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18
26	HAUSER REGIONAL	MPC	6	6	6	5	6	6	6	5	6	6	5	6	6	7
27	HEBGEN REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	HILLS CREEK	FED	7	6	24	23	27	30	30	30	30	30	30	6	6	6
29	HOLTER REGIONAL	MPC	14	14	16	13	12	12	16	14	13	17	15	12	18	14
30	HOOD STREET	TCL	0	0	0	1	1	1	1	1	1	1	1	1	1	0
31	IDAHO FALLS	FED	21	21	18	15	17	21	18	15	17	21	21	21	19	21
32	ISLAND PARK	FLRV	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
34	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
35	LEABURG	EUG	7	6	5	7	7	13	10	13	13	11	10	10	7	6
36	LOOKOUT POINT	FED	138	138	138	138	114	67	67	114	138	138	138	138	138	138
37	LOST CREEK	FED	56	56	48	45	43	46	50	54	56	56	56	56	56	49
38	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
39	MADISON REGIONAL	MPC	3	3	3	3	3	3	3	2	3	1	1	3	3	3
40	MCNARY FISHWAY	NWSCO	8	8	8	8	8	8	8	8	8	8	8	8	8	8
41	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	MILL CREEK	LEWIS	1	1	1	1	1	1	1	0	1	1	1	1	1	1
43	MLTWN FLT CR REGIONAL	MPC	2	2	1	1	1	1	1	1	0	1	1	1	2	2
44	MILNER	ID	0	0	0	0	13	10	8	7	10	0	0	0	0	0
45	MINIDOKA	FED	15	15	14	13	13	13	13	14	15	15	15	15	15	15
46	MORONY REGIONAL	MPC	19	19	15	11	13	14	15	11	14	16	14	15	17	18
47	MORSE CREEK PT	ANGLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
48	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
49	MYSTICE REGIONAL	MPC	4	4	2	4	4	4	2	1	2	1	1	0	0	5
50	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
51	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
52	RAINBOW REGIONAL	MPC	10	10	11	12	11	11	11	11	11	12	11	11	11	12
53	REEDER GULCH	ASHLD	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	ROGUE	PP&L	30	30	26	27	24	52	41	52	51	51	51	50	39	26
55	ROZA - PUMPING LOAD	FED	8	8	7	-3	0	0	0	5	6	10	9	4	7	8
56	RYAN REGIONAL	MPC	23	23	19	17	21	21	20	19	20	21	18	20	21	23
57	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
58	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
59	SODA CREEK	SODA SPR	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	SOUTH FORK TOLT	SCL	0	0	0	0	7	7	7	7	7	0	0	0	0	0
61	SPRINGS PLANTS	ID	27	28	28	30	31	31	30	30	27	28	28	27	26	26
62	STRAWBERRY	LWVAL	1	1	2	2	1	2	2	1	1	2	2	1	2	2
63	SWAN FALLS	ID	14	14	17	17	20	19	19	19	19	15	15	15	14	13
64	T W SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	13
65	THE DALLES FISHWAY	NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
66	TWIN FALLS	ID	7	7	9	6	18	16	14	11	15	4	4	2	0	0
67	UPPER SALMON 1&2	ID	19	19	19	19	19	19	19	19	19	19	19	19	19	19
68	UPPER SALMON 3&4	ID	17	17	17	17	17	17	17	17	17	17	17	17	17	17
69	WATERVILLE	EUG	5	4	3	4	4	9	7	8	7	4	4	7	6	4
70	WYNOCHEE	TCL	11	11	11	11	11	11	11	11	11	11	11	11	11	11
69	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
70	TOTAL HYDRO INDEPENDENTS		1883	1846	1810	1782	1796	1778	1765	1885	1941	1961	1961	1850	1866	1830

TOTAL HYDRO INDEPENDENTS

72	FEDERAL SYSTEM		687	681	684	694	674	636	632	760	765	792	792	690	683	669
73	PUBLIC AGENCIES		210	208	203	204	211	197	219	221	228	217	216	217	214	191
74	INVESTOR-OWNED UTILITIES		986	957	923	884	911	945	914	904	948	952	953	943	969	970
75	TOTAL HYDRO INDEPENDENTS		1883	1846	1810	1782	1796	1778	1765	1885	1941	1961	1961	1850	1866	1830

TABLE A-5

IMPORTS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS FROM EAST															
1 BASIN ELEC. TO BPA	PWR S	120	120	120	120	118	118	118	118	118	118	0	0	0	0
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	89	89	0	18	34
INTRA-COMPANY TRANSFERS															
3 PP&L WYOMING TO PP&L		1363	1363	878	1137	777	1242	1158	1188	1023	960	960	1082	1385	1336
4 UTAH		419	419	323	252	227	211	258	256	233	220	220	252	438	495
5 IMPORTS FROM EAST		1915	1915	1363	1617	1283	1786	1723	1707	1491	1387	1269	1334	1841	1865
IMPORTS FROM PSW															
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PASADENA TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 RIVERSIDE TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	225	225	225	225	0	0	0	0	0	0
25 PG&E TO PSP&L	SPX	0	0	0	0	300	300	300	300	0	0	0	0	0	0
26 PG&E TO SCL	SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NCPA TO SCL	SPX	0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 PG&E TO WWP	SPX	0	0	0	0	150	150	150	150	150	0	0	0	0	0
29 IMPORTS FROM PSW		0	0	0	0	700	721	721	721	196	12	12	0	0	0
IMPORTS FROM CANADA															
30 BC HYDRO TO PSP&L	PWR S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 BC HYDRO TO SCL	ROSS	143	143	143	143	129	151	186	220	239	143	143	143	143	143
32 BC HYDRO TO BPA	PGE ICP	200	200	200	0	0	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		347	347	347	147	133	155	190	224	243	147	147	147	147	147
35 TOTAL IMPORTS		2262	2262	1710	1764	2116	2662	2634	2652	1930	1546	1428	1481	1988	2012

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	1995-96 OPERATING YEAR AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL IMPORTS														
36 FEDERAL SYSTEM	333	333	362	228	279	333	307	263	235	207	89	0	18	34
37 PUBLIC AGENCIES	143	143	143	143	154	197	232	266	285	155	155	143	143	143
38 INVESTOR-OWNED UTILITIES	1786	1786	1205	1393	1683	2132	2095	2123	1410	1184	1184	1338	1827	1835
39 TOTAL IMPORTS	2262	2262	1710	1764	2116	2662	2634	2652	1930	1546	1428	1481	1988	2012

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS FROM EAST															
1 BASIN ELEC. TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	89	89	0	18	34
INTRA-COMPANY TRANSFERS															
3 PP&L WYOMING TO PP&L		1149	1149	988	928	817	1023	1034	1073	811	853	853	977	1279	1126
4 UTAH		436	436	337	263	236	219	270	268	244	231	231	264	459	519
5 IMPORTS FROM EAST		1598	1598	1367	1299	1214	1457	1493	1486	1172	1173	1173	1241	1756	1679
IMPORTS FROM PSW															
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PASADENA TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 RIVERSIDE TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	225	225	225	225	0	0	0	0	0	0
25 PG&E TO PSP&L	SPX	0	0	0	0	300	300	300	300	0	0	0	0	0	0
26 PG&E TO SCL	SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NCPA TO SCL	SPX	0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 PG&E TO WWP	SPX	0	0	0	0	150	150	150	150	150	0	0	0	0	0
29 IMPORTS FROM PSW		0	0	0	0	700	721	721	721	196	12	12	0	0	0
IMPORTS FROM CANADA															
30 BC HYDRO TO PSP&L	PWR S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 BC HYDRO TO SCL	ROSS	143	143	143	143	129	151	186	220	239	143	143	143	143	143
32 BC HYDRO TO BPA	PGE ICP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		147	147	147	147	133	155	190	224	243	147	147	147	147	147
35 TOTAL IMPORTS		1745	1745	1514	1446	2047	2333	2404	2431	1611	1332	1332	1388	1903	1826

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	1999- 0 OPERATING YEAR SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL IMPORTS														
36 FEDERAL SYSTEM	13	13	42	108	161	215	189	145	117	89	89	0	18	34
37 PUBLIC AGENCIES	143	143	143	143	154	197	232	266	285	155	155	143	143	143
38 INVESTOR-OWNED UTILITIES	1589	1589	1329	1195	1732	1921	1983	2020	1209	1088	1088	1245	1742	1649
39 TOTAL IMPORTS	1745	1745	1514	1446	2047	2333	2404	2431	1611	1332	1332	1388	1903	1826

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-5

IMPORTS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS FROM EAST															
1 BASIN ELEC. TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 PP&L TO BPA	SO ID	13	13	42	108	161	215	189	145	117	89	89	0	18	34
INTRA-COMPANY TRANSFERS															
3 PP&L WYOMING TO PP&L		1006	1006	534	543	425	874	889	929	770	715	715	1189	1143	976
4 UTAH		490	490	378	296	265	246	304	302	275	260	260	297	516	566
5 IMPORTS FROM EAST		1509	1509	954	947	851	1335	1382	1376	1162	1064	1064	1486	1677	1576
IMPORTS FROM PSW															
6 ANAHEIM TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BURBANK TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BGP TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GLENDALE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PASADENA TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PASADENA TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PASADENA TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RIVERSIDE TO BPA	XCH NRG 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 RIVERSIDE TO BPA	XCH NRG 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RIVERSIDE TO BPA	SEAS RPLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SMUD TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SDG&E TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 SDG&E TO BPA	DEF NRG RET	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SCE TO BPA	XCHG NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SCE TO BPA	SUPP NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCE TO BPA	ENV STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 SCE TO BPA	OPT NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCE TO PGE	SPX	0	0	0	0	225	225	225	225	0	0	0	0	0	0
25 PG&E TO PSP&L	SPX	0	0	0	0	300	300	300	300	0	0	0	0	0	0
26 PG&E TO SCL	SPX	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 NCPA TO SCL	SPX	0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 PG&E TO WWP	SPX	0	0	0	0	150	150	150	150	150	0	0	0	0	0
29 IMPORTS FROM PSW		0	0	0	0	700	721	721	721	196	12	12	0	0	0
IMPORTS FROM CANADA															
30 BC HYDRO TO PSP&L	PWR S	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31 BC HYDRO TO SCL	ROSS	143	143	143	143	129	151	186	220	239	143	143	143	143	143
32 BC HYDRO TO BPA	PGE ICP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TRANS ALTA TO BPA	PWR S	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 IMPORTS FROM CANADA		147	147	147	147	133	155	190	224	243	147	147	147	147	147
35 TOTAL IMPORTS		1656	1656	1101	1094	1684	2211	2293	2321	1601	1223	1223	1633	1824	1723

TABLE A-5

IMPORTS

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL IMPORTS														
36 FEDERAL SYSTEM	13	13	42	108	161	215	189	145	117	89	89	0	18	34
37 PUBLIC AGENCIES	143	143	143	143	154	197	232	266	285	155	155	143	143	143
38 INVESTOR-OWNED UTILITIES	1500	1500	916	843	1369	1799	1872	1910	1199	979	979	1490	1663	1546
39 TOTAL IMPORTS	1656	1656	1101	1094	1684	2211	2293	2321	1601	1223	1223	1633	1824	1723

NOTE: THE FOLLOWING BPA CONTRACTS WITH THE PSW ARE INCLUDED AS FEDERAL RESOURCE OPTIONS AND NOT INCLUDED IN THE FEDERAL LOADS AND RESOURCE BALANCE.

A. BURB TO BPA, CAPACITY/ENERGY EXCHANGE
B. BURB TO BPA, SUPPLEMENTAL ENERGY
C. GLEN TO BPA, CAPACITY ENERGY EXCHANGE
D. GLEN TO BPA, SUPPLEMENTAL ENERGY
E. MSR TO BPA, CAPACITY/ENERGY EXCHANGE
F. PASA TO BPA, CAPACITY/ENERGY EXCHANGE 1
G. PASA TO BPA, SUPPLEMENTAL ENERGY
H. SCE TO BPA, CAPACITY/ENERGY EXCHANGE
I. SCE TO BPA, SUPPLEMENTAL ENERGY
J. SCE TO BPA, OPTION ENERGY

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

PEAK IN MEGAWATTS			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	0	38	38
3	SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	3	3	3	3	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	88	88	88	88	0	0	0	0	0	0
7	BIRD REGIONAL	MPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	CORETTE REGIONAL	MPC	39	39	27	24	29	26	23	19	20	29	26	29	0	49
9	SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	TOTAL SMALL THERMAL & MISC.		84	84	72	69	165	162	159	155	65	74	71	36	45	94

TOTAL SMALL THERMAL & MISC.

11	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES	39	39	39	39	39	39	39	39	39	39	39	1	39	39
13	INVESTOR-OWNED UTILITIES	45	45	33	30	126	123	120	116	26	35	32	35	6	55
14	TOTAL SMALL THERMAL & MISC.	84	84	72	69	165	162	159	155	65	74	71	36	45	94

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS — 1999- 0 OPERATING YEAR

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	0	38	38
3	SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	3	3	3	3	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	88	88	88	88	0	0	0	0	0	0
7	BIRD REGIONAL	MPC	0	0	0	0	17	16	15	14	0	0	0	0	0	0
8	CORETTE REGIONAL	MPC	49	49	39	42	44	41	41	38	40	41	36	40	0	49
9	SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	TOTAL SMALL THERMAL & MISC.		94	94	84	87	197	193	192	188	85	86	81	47	45	94

TOTAL SMALL THERMAL & MISC.

11	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES		39	39	39	39	39	39	39	39	39	39	39	1	39	39
13	INVESTOR-OWNED UTILITIES		55	55	45	48	158	154	153	149	46	47	42	46	6	55
14	TOTAL SMALL THERMAL & MISC.		94	94	84	87	197	193	192	188	85	86	81	47	45	94

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

PEAK IN MEGAWATTS			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	DIESEL	CITYIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	0	38	38
3	SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4	ENERGY MANAG SYSTEMS	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	3	3	3	3	0	0	0	0	0	0
6	SHUFFLETON	PSP&L	0	0	0	0	88	88	88	88	0	0	0	0	0	0
7	BIRD REGIONAL	MPC	0	0	0	0	21	20	20	19	0	0	0	0	0	0
8	CORETTE REGIONAL	MPC	61	61	52	55	57	54	53	50	53	56	49	54	0	62
9	SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	TOTAL SMALL THERMAL & MISC.		106	106	97	100	214	210	209	205	98	101	94	61	45	107

TOTAL SMALL THERMAL & MISC.

11	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	PUBLIC AGENCIES	39	39	39	39	39	39	39	39	39	39	39	1	39	39
13	INVESTOR-OWNED UTILITIES	67	67	58	61	175	171	170	166	59	62	55	60	6	68
14	TOTAL SMALL THERMAL & MISC.	106	106	97	100	214	210	209	205	98	101	94	61	45	107

TABLE A-7

COMBUSTION TURBINES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 COGENTRIX	CLRK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BETHEL	PGE	116	116	116	116	116	116	116	116	116	116	116	116	0	116
4 BEAVER	PGE	534	534	534	534	534	534	534	534	534	534	0	0	534	534
5 WHIDBEY ISLAND	PSP&L	0	0	0	0	29	29	29	29	0	0	0	0	0	0
6 WHITEHORN	PSP&L	0	0	0	0	244	244	244	244	0	0	0	0	0	0
7 FREDRICKSON	PSP&L	0	0	0	0	178	178	178	178	0	0	0	0	0	0
8 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	247	247	247	247	0	0	0	0	0	0
9 NORTHEAST UNITS 1&2	WWP	68	68	68	68	68	68	68	68	68	68	68	68	68	68
10 TOTAL COMBUSTION TURBINES		718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
TOTAL COMBUSTION TURBINES															
11 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 INVESTOR-OWNED UTILITIES		718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
14 TOTAL COMBUSTION TURBINES		718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718

TABLE A-7

COMBUSTION TURBINES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 COGENTRIX	CLRK	220	220	220	220	220	220	220	220	220	220	220	220	220	220
2 WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BETHEL	PGE	116	116	116	116	116	116	116	116	116	116	116	116	0	116
4 BEAVER	PGE	534	534	534	534	534	534	534	534	534	534	0	0	534	534
5 WHIDBEY ISLAND	PSP&L	0	0	0	0	29	29	29	29	0	0	0	0	0	0
6 WHITEHORN	PSP&L	0	0	0	0	244	244	244	244	0	0	0	0	0	0
7 FREDRICKSON	PSP&L	0	0	0	0	178	178	178	178	0	0	0	0	0	0
8 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	247	247	247	247	0	0	0	0	0	0
9 NORTHEAST UNITS 1&2	WWP	68	68	68	68	68	68	68	68	68	68	68	68	68	68
10 TOTAL COMBUSTION TURBINES		938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938
TOTAL COMBUSTION TURBINES															
11 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUBLIC AGENCIES		220	220	220	220	220	220	220	220	220	220	220	220	220	220
13 INVESTOR-OWNED UTILITIES		718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
14 TOTAL COMBUSTION TURBINES		938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938

TABLE A-7

COMBUSTION TURBINES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 COGENTRIX	CLRK	220	220	220	220	220	220	220	220	220	220	220	220	220	220
2 WOOD RIVER	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BETHEL	PGE	116	116	116	116	116	116	116	116	116	116	116	116	0	116
4 BEAVER	PGE	534	534	534	534	534	534	534	534	534	534	0	0	534	534
5 WHIDBEY ISLAND	PSP&L	0	0	0	0	29	29	29	29	0	0	0	0	0	0
6 WHITEHORN	PSP&L	0	0	0	0	244	244	244	244	0	0	0	0	0	0
7 FREDRICKSON	PSP&L	0	0	0	0	178	178	178	178	0	0	0	0	0	0
8 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	247	247	247	247	0	0	0	0	0	0
9 NORTHEAST UNITS 1&2	WWP	68	68	68	68	68	68	68	68	68	68	68	68	68	68
10 TOTAL COMBUSTION TURBINES		938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938
TOTAL COMBUSTION TURBINES															
11 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUBLIC AGENCIES		220	220	220	220	220	220	220	220	220	220	220	220	220	220
13 INVESTOR-OWNED UTILITIES		718	718	718	718	1416	1416	1416	1416	718	718	184	184	602	718
14 TOTAL COMBUSTION TURBINES		938	938	938	938	1636	1636	1636	1636	938	938	404	404	822	938

TABLE A-8

RENEWABLE RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 SHORT MOUNTAIN	EMRD	2	2	2	2	2	2	3	3	3	3	3	3	3	3
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	0	0	47
3 TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	50	50	50	50	50	3	3	50
TOTAL RENEWABLE RESOURCES															
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		2	2	2	2	2	2	3	3	3	3	3	3	3	3
6 INVESTOR-OWNED UTILITIES		47	47	47	47	47	47	47	47	47	47	47	0	0	47
7 TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	50	50	50	50	50	3	3	50

TABLE A-8

RENEWABLE RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 SHORT MOUNTAIN	EMRD	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 KETTLE FALLS	WHP	47	47	47	47	47	47	47	47	47	47	47	0	0	47
3 TOTAL RENEWABLE RESOURCES		51	51	51	51	51	51	51	51	51	51	51	4	4	51
TOTAL RENEWABLE RESOURCES															
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		4	4	4	4	4	4	4	4	4	4	4	4	4	4
6 INVESTOR-OWNED UTILITIES		47	47	47	47	47	47	47	47	47	47	47	0	0	47
7 TOTAL RENEWABLE RESOURCES		51	51	51	51	51	51	51	51	51	51	51	4	4	51

TABLE A-8

RENEWABLE RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 SHORT MOUNTAIN	EMRD	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	0	0	47
3 TOTAL RENEWABLE RESOURCES		52	52	52	52	52	52	52	52	52	52	52	5	5	52
TOTAL RENEWABLE RESOURCES															
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		5	5	5	5	5	5	5	5	5	5	5	5	5	5
6 INVESTOR-OWNED UTILITIES		47	47	47	47	47	47	47	47	47	47	47	0	0	47
7 TOTAL RENEWABLE RESOURCES		52	52	52	52	52	52	52	52	52	52	52	5	5	52

TABLE A-9

COGENERATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WEYCO ENERGY CENTER	EWEB	20	20	20	20	20	0	20	20	20	20	20	20	20	0
2 SCOTT PAPER	SNOH	0	0	0	0	0	0	27	27	27	38	38	38	38	38
3 COYOTE SPRINGS	PGE	0	0	237	237	237	237	237	237	237	237	237	237	237	237
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
4 LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
5 TOTAL COGENERATION		65	65	302	302	302	282	329	329	329	340	340	340	340	320
TOTAL COGENERATION															
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		20	20	20	20	20	0	47	47	47	58	58	58	58	38
8 INVESTOR-OWNED UTILITIES		0	0	237	237	237	237	237	237	237	237	237	237	237	237
9 NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
10 TOTAL COGENERATION		65	65	302	302	302	282	329	329	329	340	340	340	340	320

TABLE A-9

COGENERATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WEYCO ENERGY CENTER	EWEB	20	20	20	20	20	0	20	20	20	20	20	20	20	0
2 SCOTT PAPER	SNOH	38	38	27	27	27	27	27	27	27	38	38	38	38	38
3 COYOTE SPRINGS	PGE	237	237	237	237	237	237	237	237	237	237	237	237	237	237
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
4 LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
5 TOTAL COGENERATION		340	340	329	329	329	309	329	329	329	340	340	340	340	320
TOTAL COGENERATION															
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		58	58	47	47	47	27	47	47	47	58	58	58	58	38
8 INVESTOR-OWNED UTILITIES		237	237	237	237	237	237	237	237	237	237	237	237	237	237
9 NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
10 TOTAL COGENERATION		340	340	329	329	329	309	329	329	329	340	340	340	340	320

TABLE A-9

COGENERATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WEYCO ENERGY CENTER	EWEB	20	20	20	20	20	0	20	20	20	20	20	20	20	0
2 SCOTT PAPER	SNOH	38	38	27	27	27	27	27	27	27	38	38	38	38	38
3 COYOTE SPRINGS	PGE	237	237	237	237	237	237	237	237	237	237	237	237	237	237
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
4 LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	0	0	0	0	0	0	0	0
5 TOTAL COGENERATION		340	340	329	329	329	309	284	284	284	295	295	295	295	275
TOTAL COGENERATION															
6 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PUBLIC AGENCIES		58	58	47	47	47	27	47	47	47	58	58	58	58	38
8 INVESTOR-OWNED UTILITIES		237	237	237	237	237	237	237	237	237	237	237	237	237	237
9 NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	0	0	0	0	0	0	0	0
10 TOTAL COGENERATION		340	340	329	329	329	309	284	284	284	295	295	295	295	275

TABLE A-10

LARGE THERMAL

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	51	51	51	51	51	51	51	51	51	51	51	0	51	51
2 PGE SHARE 65.8 %	334	334	334	334	334	334	334	334	334	334	334	0	334	334
3 BOARDMAN 75.8% REGION	385	385	385	385	385	385	385	385	385	385	385	0	385	385
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES														
4 SDG&E SHARE 14.2 % *	72	72	72	72	72	72	72	72	72	72	72	0	72	72
5 TURLOCK SHARE 10.0 % *	51	51	51	51	51	51	51	51	51	51	51	0	51	51
6 BOARDMAN 24.2% NON-REGION	123	123	123	123	123	123	123	123	123	123	123	0	123	123
7 BOARDMAN	508	508	508	508	508	508	508	508	508	508	508	0	508	508
CENTRALIA, COAL														
8 PP&L SHARE 47.5 %	638	638	638	638	638	638	638	638	638	319	319	638	638	638
9 PGE SHARE 2.5 %	34	34	34	34	34	34	34	34	34	17	17	34	34	34
10 PSP&L SHARE 7.0 %	94	94	94	94	94	94	94	94	94	47	47	94	94	94
11 SEATTLE SHARE 8.0 %	107	107	107	107	107	107	107	107	107	54	54	107	107	107
12 TACOMA SHARE 8.0 %	107	107	107	107	107	107	107	107	107	54	53	107	107	107
13 WWP SHARE 15.0 %	202	202	202	202	202	202	202	202	202	101	101	202	202	202
14 SNOHOM SHARE 8.0 %	107	107	107	107	107	107	107	107	107	53	53	107	107	107
15 GHARBOR SHARE 4.0 %	54	54	54	54	54	54	54	54	54	27	27	54	54	54
16 CENTRALIA	1343	1343	1343	1343	1343	1343	1343	1343	1343	672	671	1343	1343	1343
COLSTRIP 1 & 2, COAL														
17 MPC SHARE IN REGION	78	78	54	49	58	53	47	39	41	29	51	29	64	96
18 PSP&L SHARE	318	318	318	318	318	318	318	318	318	159	318	159	318	318
19 COLSTRIP 1 & 2	396	396	372	367	376	371	364	357	359	188	369	188	382	414
COLSTRIP 3, COAL														
20 MPC SHARE IN REGION	53	53	37	33	40	36	32	27	28	40	35	39	44	66
21 PP&L SHARE 10 %	73	73	73	73	73	73	73	73	73	73	73	73	73	73
22 PGE SHARE 20 %	145	145	145	145	145	145	145	145	145	145	145	145	145	145
23 PSP&L SHARE 25 %	181	181	181	181	181	181	181	181	181	181	181	181	181	181
24 WWP SHARE 15 %	109	109	109	109	109	109	109	109	109	109	109	109	109	109
25 COLSTRIP 3	561	561	545	541	548	544	540	535	536	548	543	547	552	574

TABLE A-10 (CONTINUED)

LARGE THERMAL

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COLSTRIP 4, COAL															
26 MPC	SHARE 30 %	216	216	216	216	216	216	216	216	216	216	216	216	216	216
27 PP&L	SHARE 10 %	72	72	72	72	72	72	72	72	72	72	72	72	72	72
28 PGE	SHARE 20 %	144	144	144	144	144	144	144	144	144	144	144	144	144	144
29 PSP&L	SHARE 25 %	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30 WWP	SHARE 15 %	108	108	108	108	108	108	108	108	108	108	108	108	108	108
31 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
JIM BRIDGER, COAL															
32 IDAHO	SHARE 33%	693	693	693	693	692	693	693	520	346	346	520	693	693	693
VALMY, COAL															
33 IDAHO	SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
WNP 2, NUCLEAR															
34 BPA	SHARE 100.0%	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
35 TOTAL LARGE THERMAL		5633	5633	5593	5584	5599	5591	5580	5395	5224	4394	3573	3733	4440	5664
TOTAL LARGE THERMAL															
36 FEDERAL SYSTEM		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
37 PUBLIC AGENCIES		375	375	375	375	375	375	375	375	375	188	187	375	375	375
38 INVESTOR-OWNED UTILITIES		3965	3965	3925	3916	3931	3923	3912	3727	3556	2913	3263	3358	3942	3996
39 NON-NORTHWEST UTILITIES	*	123	123	123	123	123	123	123	123	123	123	123	0	123	123
40 TOTAL LARGE THERMAL		5633	5633	5593	5584	5599	5591	5580	5395	5224	4394	3573	3733	4440	5664

TABLE A-10

LARGE THERMAL

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	51	51	51	51	51	51	51	51	51	51	51	0	51	51
2 PGE SHARE 65.8 %	334	334	334	334	334	334	334	334	334	334	334	0	334	334
3 BOARDMAN 75.8% REGION	385	385	385	385	385	385	385	385	385	385	385	0	385	385
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES														
4 SDG&E SHARE 14.2 % *	72	72	72	72	72	72	72	72	72	72	72	0	72	72
5 TURLOCK SHARE 10.0 % *	51	51	51	51	51	51	51	51	51	51	51	0	51	51
6 BOARDMAN 24.2% NON-REGION	123	123	123	123	123	123	123	123	123	123	123	0	123	123
7 BOARDMAN	508	508	508	508	508	508	508	508	508	508	508	0	508	508
CENTRALIA, COAL														
8 PP&L SHARE 47.5 %	638	638	638	638	638	638	638	638	638	638	319	638	638	638
9 PGE SHARE 2.5 %	34	34	34	34	34	34	34	34	34	34	17	34	34	34
10 PSP&L SHARE 7.0 %	94	94	94	94	94	94	94	94	94	94	47	94	94	94
11 SEATTLE SHARE 8.0 %	107	107	107	107	107	107	107	107	107	107	54	107	107	107
12 TACOMA SHARE 8.0 %	107	107	107	107	107	107	107	107	107	107	53	107	107	107
13 WWP SHARE 15.0 %	202	202	202	202	202	202	202	202	202	202	101	202	202	202
14 SNOHOM SHARE 8.0 %	107	107	107	107	107	107	107	107	107	107	53	107	107	107
15 GHARBOR SHARE 4.0 %	54	54	54	54	54	54	54	54	54	54	27	54	54	54
16 CENTRALIA	1343	1343	1343	1343	1343	1343	1343	1343	1343	1343	671	1343	1343	1343
COLSTRIP 1 & 2, COAL														
17 MPC SHARE IN REGION	97	97	77	83	88	82	82	76	79	41	72	39	85	97
18 PSP&L SHARE	318	318	318	318	318	318	318	318	318	159	318	159	318	318
19 COLSTRIP 1 & 2	414	414	395	401	406	400	400	393	397	200	390	198	403	415
COLSTRIP 3, COAL														
20 MPC SHARE IN REGION	66	66	53	57	60	57	56	52	54	56	49	54	58	66
21 PP&L SHARE 10 %	73	73	73	73	73	73	73	73	73	73	73	73	73	73
22 PGE SHARE 20 %	145	145	145	145	145	145	145	145	145	145	145	145	145	145
23 PSP&L SHARE 25 %	181	181	181	181	181	181	181	181	182	181	181	181	182	181
24 WWP SHARE 15 %	109	109	109	109	109	109	109	109	109	109	109	109	109	109
25 COLSTRIP 3	574	574	561	565	568	565	564	560	563	564	557	562	567	574

TABLE A-10 (CONTINUED)

LARGE THERMAL

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COLSTRIP 4, COAL															
26 MPC	SHARE 30 %	216	216	216	216	216	216	216	216	216	216	216	216	216	216
27 PP&L	SHARE 10 %	72	72	72	72	72	72	72	72	72	72	72	72	72	72
28 PGE	SHARE 20 %	144	144	144	144	144	144	144	144	144	144	144	144	144	144
29 PSP&L	SHARE 25 %	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30 WWP	SHARE 15 %	108	108	108	108	108	108	108	108	108	108	108	108	108	108
31 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
JIM BRIDGER, COAL															
32 IDAHO	SHARE 33%	693	693	693	692	693	693	693	693	519	346	520	693	693	693
VALMY, COAL															
33 IDAHO	SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
WNP 2, NUCLEAR															
34 BPA	SHARE 100.0%	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
35 TOTAL LARGE THERMAL		5664	5664	5632	5641	5650	5641	5640	5629	5462	5093	3608	3758	4476	5665
TOTAL LARGE THERMAL															
36 FEDERAL SYSTEM		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
37 PUBLIC AGENCIES		375	375	375	375	375	375	375	375	375	375	187	375	375	375
38 INVESTOR-OWNED UTILITIES		3996	3996	3964	3973	3982	3973	3972	3961	3794	3425	3298	3383	3978	3997
39 NON-NORTHWEST UTILITIES	*	123	123	123	123	123	123	123	123	123	123	123	0	123	123
40 TOTAL LARGE THERMAL		5664	5664	5632	5641	5650	5641	5640	5629	5462	5093	3608	3758	4476	5665

TABLE A-10

LARGE THERMAL

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BOARDMAN, COAL															
1 IDAHO	SHARE 10.0 %	51	51	51	51	51	51	51	51	51	51	51	0	51	51
2 PGE	SHARE 65.8 %	334	334	334	334	334	334	334	334	334	334	334	0	334	334
3 BOARDMAN	75.8% REGION	385	385	385	385	385	385	385	385	385	385	385	0	385	385
SAN DIEGO GAS AND ELECTRIC AND CITY OF TURLOCK ARE NOT REGIONAL RESOURCES															
4 SDG&E	SHARE 14.2 % *	72	72	72	72	72	72	72	72	72	72	72	0	72	72
5 TURLOCK	SHARE 10.0 % *	51	51	51	51	51	51	51	51	51	51	51	0	51	51
6 BOARDMAN	24.2% NON-REGION	123	123	123	123	123	123	123	123	123	123	123	0	123	123
7 BOARDMAN		508	508	508	508	508	508	508	508	508	508	508	0	508	508
CENTRALIA, COAL															
8 PP&L	SHARE 47.5 %	638	638	638	638	638	638	638	638	638	319	638	638	638	638
9 PGE	SHARE 2.5 %	34	34	34	34	34	34	34	34	34	17	34	34	34	34
10 PSP&L	SHARE 7.0 %	94	94	94	94	94	94	94	94	94	47	94	94	94	94
11 SEATTLE	SHARE 8.0 %	107	107	107	107	107	107	107	107	107	54	107	107	107	107
12 TACOMA	SHARE 8.0 %	107	107	107	107	107	107	107	107	107	53	107	107	107	107
13 WWP	SHARE 15.0 %	202	202	202	202	202	202	202	202	202	101	202	202	202	202
14 SNOHOM	SHARE 8.0 %	107	107	107	107	107	107	107	107	107	53	107	107	107	107
15 GHARBOR	SHARE 4.0 %	54	54	54	54	54	54	54	54	54	27	54	54	54	54
16 CENTRALIA		1343	1343	1343	1343	1343	1343	1343	1343	1343	671	1343	1343	1343	1343
COLSTRIP 1 & 2, COAL															
17 MPC	SHARE IN REGION	121	121	103	109	113	108	106	100	105	56	98	54	114	122
18 PSP&L	SHARE	318	318	318	318	318	318	318	318	318	159	318	159	318	318
19 COLSTRIP 1 & 2		439	439	421	427	431	426	424	418	423	215	416	213	431	440
COLSTRIP 3, COAL															
20 MPC	SHARE IN REGION	83	83	71	74	77	74	72	68	72	76	67	74	78	84
21 PP&L	SHARE 10 %	73	73	73	73	73	73	73	73	73	73	73	73	73	73
22 PGE	SHARE 20 %	145	145	145	145	145	145	145	145	145	145	145	145	145	145
23 PSP&L	SHARE 25 %	181	181	181	181	181	181	182	182	181	181	181	181	181	181
24 WWP	SHARE 15 %	109	109	109	109	109	109	109	109	109	109	109	109	109	109
25 COLSTRIP 3		591	591	579	582	585	582	581	577	580	584	575	582	586	592

TABLE A-10 (CONTINUED)

LARGE THERMAL

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COLSTRIP 4, COAL															
26 MPC	SHARE 30 %	216	216	216	216	216	216	216	216	216	216	216	216	216	216
27 PP&L	SHARE 10 %	72	72	72	72	72	72	72	72	72	72	72	72	72	72
28 PGE	SHARE 20 %	144	144	144	144	144	144	144	144	144	144	144	144	144	144
29 PSP&L	SHARE 25 %	180	180	180	180	180	180	180	180	180	180	180	180	180	180
30 WWP	SHARE 15 %	108	108	108	108	108	108	108	108	108	108	108	108	108	108
31 COLSTRIP 4		720	720	720	720	720	720	720	720	720	720	720	720	720	720
JIM BRIDGER, COAL															
32 IDAHO	SHARE 33%	693	693	692	693	693	692	692	692	519	693	693	693	693	693
VALMY, COAL															
33 IDAHO	SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
WNP 2, NUCLEAR															
34 BPA	SHARE 100.0%	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
35 TOTAL LARGE THERMAL		5706	5706	5675	5685	5692	5683	5680	5670	5505	4803	4497	3793	4523	5708
TOTAL LARGE THERMAL															
36 FEDERAL SYSTEM		1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	0	0	0	1170
37 PUBLIC AGENCIES		375	375	375	375	375	375	375	375	375	187	375	375	375	375
38 INVESTOR-OWNED UTILITIES		4038	4038	4007	4017	4024	4015	4012	4002	3837	3323	3999	3418	4025	4040
39 NON-NORTHWEST UTILITIES	*	123	123	123	123	123	123	123	123	123	123	123	0	123	123
40 TOTAL LARGE THERMAL		5706	5706	5675	5685	5692	5683	5680	5670	5505	4803	4497	3793	4523	5708

TABLE A-11

RESTORATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RESTORATION														
17 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-11

RESTORATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RESTORATION														
17 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-11

RESTORATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RESTORATION														
17 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	438	438	438	438	438	438	438	438	438	371	371	371	371	371
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	4	4	4	4	4	4	4	4	4	4	4	4	4	4
3 PGE CER FOR PRIEST R.	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 PSP&L CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5 SEATTL CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	2	2	2	2	2
6 TACOMA CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	2	2	2	2	2
7 WWP CER FOR PRIEST R.	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8 GRANT CER FOR PRIEST R.	11	11	11	11	11	11	11	11	11	9	9	9	9	9
9 EUGENE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	31	31	31	31	31	31	31	31	31	26	26	26	26	26
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	8	8	8	8	8	8	8	8	8	6	6	6	6	6
17 PGE CER FOR WANAPUM	8	8	8	8	8	8	8	8	8	6	6	6	6	6
18 PSP&L CER FOR WANAPUM	4	4	4	4	4	4	4	4	4	3	3	3	3	3
19 WWP CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	3	3	3	3	3
20 GRANT CER FOR WANAPUM	14	14	14	14	14	14	14	14	14	12	12	12	12	12
21 EUGENE CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 COWLIZ CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	39	39	39	39	39	39	39	39	39	32	32	32	32	32
ROCK ISLAND CANADIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28 PSP&L CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29 ROCK I CANADIAN ENTITLEMENT	2	2	2	2	2	2	2	2	2	2	2	2	2	2

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANADIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
31 PGE CER FOR ROCKY REACH	4	4	4	4	4	4	4	4	4	4	4	4	4	4
32 PSP&L CER FOR ROCKY REACH	15	15	15	15	15	15	15	15	15	12	12	12	12	12
33 WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34 DOUGLS CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 CHELAN CER FOR ROCKY REACH	6	6	6	6	6	6	6	6	6	5	5	5	5	5
36 COLOCK CER FOR ROCKY REACH	9	9	9	9	9	9	9	9	9	7	7	7	7	7
37 ROCKY REACH CANADIAN ENT	38	38	38	38	38	38	38	38	38	32	32	32	32	32
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
39 PGE CER FOR WELLS	6	6	6	6	6	6	6	6	6	5	5	5	5	5
40 PSP&L CER FOR WELLS	10	10	10	10	10	10	10	10	10	8	8	8	8	8
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	7	7	7	7	7	7	7	7	7	5	5	5	5	5
43 OKANOG CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
44 WELLS CANADIAN ENTITLEMENT	28	28	28	28	28	28	28	28	28	23	23	23	23	23
45 TOTAL CANADIAN ENT	576	576	576	576	576	576	576	576	576	486	486	486	486	486
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	438	438	438	438	438	438	438	438	438	371	371	371	371	371
47 PUBLIC AGENCIES W/COLOCKUM	61	61	61	61	61	61	61	61	61	49	49	49	49	49
48 INVESTOR-OWNED UTILITIES	77	77	77	77	77	77	77	77	77	66	66	66	66	66
49 TOTAL	576	576	576	576	576	576	576	576	576	486	486	486	486	486

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	154	154	154	154	154	154	154	154	154	149	149	149	149	149
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 PGE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 PSP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SEATTL CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6 TACOMA CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 WWP CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 GRANT CER FOR PRIEST R.	4	4	4	4	4	4	4	4	4	3	3	3	3	3
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	10	10	10	10	10	10	10	10	10	9	9	9	9	9
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	2	2	2	2	2
17 PGE CER FOR WANAPUM	3	3	3	3	3	3	3	3	3	2	2	2	2	2
18 PSP&L CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 WWP CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20 GRANT CER FOR WANAPUM	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	1	1	1	1	1
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	13	13	13	13	13	13	13	13	13	12	12	12	12	12
ROCK ISLAND CANADIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	1
28 PSP&L CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	1	1	1	1	0
29 ROCK I CANADIAN ENTITLEMENT	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANADIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31 PGE CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	1	1	1	1	1
32 PSP&L CER FOR ROCKY REACH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36 COLOCK CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3
37 ROCKY REACH CANADIAN ENT	13	13	13	13	13	13	13	13	13	12	12	12	12	12
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39 PGE CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40 PSP&L CER FOR WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
43 OKANOG CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44 WELLS CANADIAN ENTITLEMENT	9	9	9	9	9	9	9	9	9	9	9	9	9	9
45 TOTAL CANADIAN ENT	200	200	200	200	200	200	200	200	200	192	192	192	192	192
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	154	154	154	154	154	154	154	154	154	149	149	149	149	149
47 PUBLIC AGENCIES W/COLOCKUM	19	19	19	19	19	19	19	19	19	19	19	19	19	20
48 INVESTOR-OWNED UTILITIES	27	27	27	27	27	27	27	27	27	24	24	24	24	23
49 TOTAL	200	200	200	200	200	200	200	200	200	192	192	192	192	192

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK ISLAND CANADIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CANADIAN ENTITLEMENT RETURN FOR CSPE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANADIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	CHELAN COUNTY PUD #1	6	6	6	6	6	6	6	6	6	5	5	5	5	5
2	CLARK PUBLIC UTILITIES	17	17	17	17	17	17	17	17	17	15	15	15	15	15
3	COWLITZ COUNTY PUD #1	14	14	14	14	14	14	14	14	14	12	12	12	12	12
4	DOUGLAS COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	EUGENE WATER & ELEC BOARD	32	32	32	32	32	32	32	32	32	27	27	27	27	27
6	GRANT COUNTY PUD #1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7	GRAYS HARBOR COUNTY PUD #1	9	9	9	9	9	9	9	9	9	7	7	7	7	7
8	OTHER PUBLIC AGENCIES	53	53	53	53	53	53	53	53	53	44	44	44	44	44
9	PEND OREILLE COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	PORTLAND GENERAL ELECTRIC	101	101	101	101	101	101	101	101	101	85	85	85	85	85
11	PACIFIC POWER & LIGHT	57	57	57	57	57	57	57	57	57	49	49	49	49	49
12	PUGET SOUND POWER & LIGHT	101	101	101	101	101	101	101	101	101	85	85	85	85	85
13	SEATTLE CITY LIGHT	72	72	72	72	72	72	72	72	72	61	61	61	61	61
14	SNOHOMISH COUNTY PUD #1	9	9	9	9	9	9	9	9	9	7	7	7	7	7
15	TACOMA PUBLIC UTILITIES	72	72	72	72	72	72	72	72	72	61	61	61	61	61
16	WASHINGTON WATER POWER	29	29	29	29	29	29	29	29	29	24	24	24	24	24
17	TOTAL CSPE PURCHASE	576	576	576	576	576	576	576	576	576	486	486	486	486	486
	TOTAL CSPE PURCHASE														
18	PUBLIC AGENCIES	288	288	288	288	288	288	288	288	288	243	243	243	243	243
19	INVESTOR-OWNED UTILITIES	288	288	288	288	288	288	288	288	288	243	243	243	243	243
20	TOTAL	576	576	576	576	576	576	576	576	576	486	486	486	486	486

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 CHELAN COUNTY PUD #1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 CLARK PUBLIC UTILITIES	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3 COWLITZ COUNTY PUD #1	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	11	11	11	11	11	11	11	11	11	10	10	10	10	10
6 GRANT COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 GRAYS HARBOR COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8 OTHER PUBLIC AGENCIES	18	18	18	18	18	18	18	18	18	17	17	17	17	17
9 PEND OREILLE COUNTY PUD #1	1	1	1	1	1	1	1	1	1	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	35	35	35	35	35	35	35	35	35	34	34	34	34	34
11 PACIFIC POWER & LIGHT	20	20	20	20	20	20	20	20	20	19	19	19	19	19
12 PUGET SOUND POWER & LIGHT	35	35	35	35	35	35	35	35	35	34	34	34	34	34
13 SEATTLE CITY LIGHT	25	25	25	25	25	25	25	25	25	24	24	24	24	24
14 SNOHOMISH COUNTY PUD #1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15 TACOMA PUBLIC UTILITIES	25	25	25	25	25	25	25	25	25	24	24	24	24	24
16 WASHINGTON WATER POWER	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17 TOTAL CSPE PURCHASE	200	200	200	200	200	200	200	200	200	192	192	192	192	192
TOTAL CSPE PURCHASE														
18 PUBLIC AGENCIES	100	100	100	100	100	100	100	100	100	95	95	95	95	95
19 INVESTOR-OWNED UTILITIES	100	100	100	100	100	100	100	100	100	97	97	97	97	97
20 TOTAL	200	200	200	200	200	200	200	200	200	192	192	192	192	192

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CLARK PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRAYS HARBOR COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CSPE PURCHASE														
18 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 CHELAN COUNTY PUD #1	14	14	14	14	14	14	14	14	14	12	12	12	12	12
2 COLOCKUM TRANSMISSION CO.	18	18	18	18	18	18	18	18	18	14	14	14	14	14
3 COWLITZ COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 DOUGLAS COUNTY PUD #1	16	16	16	16	16	16	16	16	16	12	12	12	12	12
5 EUGENE WATER & ELEC BOARD	4	4	4	4	4	4	4	4	4	2	2	2	2	2
6 GRANT COUNTY PUD #2	50	50	50	50	50	50	50	50	50	42	42	42	42	42
7 OTHER PUBLIC AGENCIES	4	4	4	4	4	4	4	4	4	4	4	4	4	4
8 PORTLAND GENERAL ELECTRIC	44	44	44	44	44	44	44	44	44	38	38	38	38	38
9 PACIFIC POWER & LIGHT	32	32	32	32	32	32	32	32	32	28	28	28	28	28
10 PUGET SOUND POWER & LIGHT	64	64	64	64	64	64	64	64	64	52	52	52	52	52
11 SEATTLE CITY LIGHT	6	6	6	6	6	6	6	6	6	4	4	4	4	4
12 TACOMA PUBLIC UTILITIES	6	6	6	6	6	6	6	6	6	4	4	4	4	4
13 WASHINGTON WATER POWER	14	14	14	14	14	14	14	14	14	14	14	14	14	14
14 TOTAL SUPP & ENT CAPACITY	276	276	276	276	276	276	276	276	276	230	230	230	230	230
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	122	122	122	122	122	122	122	122	122	98	98	98	98	98
16 INVESTOR-OWNED UTILITIES	154	154	154	154	154	154	154	154	154	132	132	132	132	132
17 TOTAL SUPP & ENT CAPACITY	276	276	276	276	276	276	276	276	276	230	230	230	230	230

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 CHELAN COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	6
2 COLOCKUM TRANSMISSION CO.	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	2	2	2	2	2
4 DOUGLAS COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	18	18	18	18	18	18	18	18	18	16	16	16	16	16
7 OTHER PUBLIC AGENCIES	2	2	2	2	2	2	2	2	2	2	2	2	2	2
8 PORTLAND GENERAL ELECTRIC	16	16	16	16	16	16	16	16	16	12	12	12	12	12
9 PACIFIC POWER & LIGHT	12	12	12	12	12	12	12	12	12	10	10	10	10	10
10 PUGET SOUND POWER & LIGHT	22	22	22	22	22	22	22	22	22	22	22	22	22	20
11 SEATTLE CITY LIGHT	2	2	2	2	2	2	2	2	2	2	2	2	2	2
12 TACOMA PUBLIC UTILITIES	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 WASHINGTON WATER POWER	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 TOTAL SUPP & ENT CAPACITY	92	92	92	92	92	92	92	92	92	86	86	86	86	86
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	38	38	38	38	38	38	38	38	38	38	38	38	38	40
16 INVESTOR-OWNED UTILITIES	54	54	54	54	54	54	54	54	54	48	48	48	48	46
17 TOTAL SUPP & ENT CAPACITY	92	92	92	92	92	92	92	92	92	86	86	86	86	86

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY
EXPIRING APRIL 1, 2003

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 OTHER PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TACOMA PUBLIC UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPP & ENT CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK ISLAND CANDIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANDIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	521	521	521	521	521	521	521	521	521	521	521	521	521	521
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCK ISLAND CANDIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANDIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	521	521	521	521	521	521	521	521	521	521	521	521	521	521
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	521	521	521	521	521	521	521	521	521	521	521	521	521	521
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	521	521	521	521	521	521	521	521	521	521	521	521	521	521

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS.

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
	BPA CANADIAN ENTITLEMENT														
1	BPA CANADIAN ENTITLEMENT	950	950	950	950	950	950	950	950	950	950	950	950	950	950
	PRIEST RAPIDS CANADIAN ENTITLEMENT														
2	PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	EUGENE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	COWLIZ CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	F GROV CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	MCMINN CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	M FREE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	KITITS CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PRIEST CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WANAPUM CANADIAN ENTITLEMENT														
16	PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	COWLIZ CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	F GROV CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	MCMINN CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	M FREE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	WANAPUM CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ROCK ISLAND CANDIAN ENTITLEMENT														
27	CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CANADIAN ENTITLEMENT RETURN FOR CANADA
BEGINNING APRIL 1, 1998

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
ROCKY REACH CANDIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	950	950	950	950	950	950	950	950	950	950	950	950	950	950
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	950	950	950	950	950	950	950	950	950	950	950	950	950	950
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 INVESTOR-OWNED UTILITIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 TOTAL	950	950	950	950	950	950	950	950	950	950	950	950	950	950

TABLE A-16

CONTRACTS BETWEEN UTILITIES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	BPA TO CLARK, PKWD LAKE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
2	BPA TO MPC, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	0
3	BPA TO MPC, CAP/NRG XCHG	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	BPA TO OTHER, PKWD LAKE	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	BPA TO PP&L,CAPC SLE,BRIDGE	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6	BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34
7	BPA TO PP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	0
8	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	0
10	BPA TO PGE, WNP3 SETTLE	0	0	0	0	164	164	164	164	82	82	82	0	0	0
11	BPA TO PGE, CAP SALE	90	90	90	90	90	150	150	150	90	90	90	90	90	90
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
13	BPA TO PSP&L, PS & PWR XCHG	0	0	0	300	300	300	300	300	300	0	0	0	0	0
14	BPA TO PSP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	0
15	BPA TO PSP&L, WNP3 SETTLE	0	0	82	82	82	82	82	82	82	82	82	0	82	0
16	BPA TO WWP, SRPLS CAPAC SLE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
17	BPA TO WWP, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	0
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	82	82	82	82	41	41	41	0	0	0
19	BPA TO WWP, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	23
20	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	0	0	0	0	0	0	0	0	50	50
22	COLOCKUM TO PP&L, CAP/NRG X	103	103	103	103	103	103	103	103	103	103	103	103	103	103
23	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	GRANT TO PP&L, PWR SALE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
26	IDAHO TO OR TRAIL, RPLC SLE	11	11	11	11	11	11	11	11	11	11	11	11	11	0
27	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0
29	IDAHO TO MPC, PWR SALE	25	25	25	75	75	75	75	75	75	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	MPC TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
33	MPC TO PP&L, PWR SALE	10	10	10	10	10	10	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	94	94	94	94	94	94	94	94	94	0	0	94	94	94
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	1	1	1	1	2	2	2	2	2	1	1	1	1	1
37	NO WASCO TO PSP&L, SALE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
38	NO WASCO TO BPA, MCNARY FSH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	PP&L TO PSP&L, PWR SALE 2	200	200	200	200	200	200	200	200	200	200	200	200	200	200
42	PEND O TO SCL, PWR SALE	16	16	16	16	16	16	16	16	16	16	16	16	16	16
43	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	PSP&L TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO GRAYSH, CENT CAP X	30	30	65	65	65	65	65	65	65	65	65	30	30	30

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
49 SCL TO PEND O, PWR SALE	32	32	32	32	32	32	32	32	32	32	32	32	32	32
50 SCL TO IDAHO, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	50	0	0	0	0	0	0	0	0	0	0
52 SNOH TO PSP&L, SP PURCHASE	5	5	5	6	8	10	10	8	8	7	7	6	5	5
53 TCL TO SEATTLE,SEAS PWR XCH	50	50	0	0	0	0	0	0	0	0	0	0	0	0
54 WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 WWP TO BPA, DEF PWR XCHG	67	67	67	67	67	67	68	65	68	63	63	10	10	0
56 WWP TO PP&L, PWR SALE	150	150	150	150	150	150	100	100	100	100	100	100	100	100
57 WWP TO PP&L, SANDPOINT PWR	4	4	4	4	5	5	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	11	11	11	11	11	11	11	11	11	11	11	11	11	11
59 WWP TO PGE, CAPACITY SALE	150	150	150	150	150	150	150	150	150	150	150	150	150	150
60 WWP TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
61 TOTAL CONTRACTS	3019	3019	3040	3507	3715	3883	3792	3744	3478	2975	2975	2686	2835	2446
TOTAL CONTRACTS OUT														
62 FEDERAL CONTRACTS OUT	1806	1806	1917	2283	2589	2703	2677	2633	2415	2088	2088	1793	1893	1450
63 PUBLIC CONTRACTS OUT W/CLOK	283	283	233	284	186	189	189	187	186	185	185	184	233	233
64 IOU CONTRACTS OUT	930	930	890	940	941	991	927	924	877	703	703	709	709	763
65 TOTAL CONTRACTS OUT	3019	3019	3040	3507	3715	3883	3792	3744	3478	2975	2975	2686	2835	2446
TOTAL CONTRACTS IN														
66 FEDERAL CONTRACTS IN	67	67	67	67	67	67	68	65	68	63	63	10	10	0
67 PUBLIC CONTRACTS IN W/CLOK	211	211	196	246	196	196	196	196	196	196	196	161	161	150
68 IOU CONTRACTS IN	2741	2741	2777	3194	3452	3620	3528	3483	3214	2716	2716	2515	2664	2295
69 TOTAL CONTRACTS IN	3019	3019	3040	3507	3715	3883	3792	3744	3478	2975	2975	2686	2835	2446

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-16

CONTRACTS BETWEEN UTILITIES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	BPA TO CLARK, PKWD LAKE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
2	BPA TO MPC, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MPC, CAP/NRG XCHG	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	BPA TO OTHER, PKWD LAKE	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	BPA TO PP&L,CAPC SLE,BRIDGE	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6	BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34
7	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	164	164	164	164	82	82	82	0	0	0
9	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP3 SETTLE	0	0	0	0	164	164	164	164	82	82	82	0	0	0
11	BPA TO PGE, CAP SALE	90	90	90	90	90	150	150	150	90	90	90	90	90	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	7	7	7	7	0	0	0	0	0	0
13	BPA TO PSP&L, PS & PWR XCHG	0	0	0	300	300	300	300	300	300	0	0	0	0	0
14	BPA TO PSP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	0	0	82	82	82	82	82	82	82	82	82	0	82	0
16	BPA TO WWP, SRPLS CAPAC SLE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
17	BPA TO WWP, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	82	82	82	82	41	41	41	0	0	0
19	BPA TO WWP, DEF PWR XCHG	35	35	35	35	35	32	32	31	32	29	29	12	13	0
20	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	0	0	0	0	0	0	0	0	50	50
22	COLOCKUM TO PP&L, CAP/NRG X	103	103	103	103	103	103	103	103	103	103	103	103	103	103
23	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	GRANT TO PP&L, PWR SALE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
26	IDAHO TO OR TRAIL, RPLC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0
29	IDAHO TO MPC, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	MPC TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
33	MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	94	94	94	94	94	94	94	94	94	0	0	94	94	94
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	1	1	1	1	2	2	2	2	2	1	1	1	1	1
37	NO WASCO TO PSP&L, SALE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
38	NO WASCO TO BPA, MCNARY FSH	8	8	8	8	8	8	8	8	8	8	8	8	8	8
39	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	PP&L TO PSP&L, PWR SALE 2	200	200	200	200	200	200	200	200	200	200	200	200	200	200
42	PEND O TO SCL, PWR SALE	16	16	16	16	16	16	16	16	16	16	16	16	16	16
43	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	PSP&L TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO GRAYSH, CENT CAP X	30	30	65	65	65	65	65	65	65	65	65	30	30	30

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
49 SCL TO PEND O, PWR SALE	32	32	32	32	32	32	32	32	32	32	32	32	32	32
50 SCL TO IDAHO, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	50	0	0	0	0	0	0	0	0	0	0
52 SNOH TO PSP&L, SP PURCHASE	5	5	5	6	8	10	10	8	8	7	7	6	5	5
53 TCL TO SEATTLE,SEAS PWR XCH	50	50	0	0	0	0	0	0	0	0	0	0	0	0
54 WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 WWP TO BPA, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 WWP TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 WWP TO PGE, CAPACITY SALE	150	150	150	150	150	150	150	150	150	150	150	150	150	150
60 WWP TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
61 TOTAL CONTRACTS	2384	2384	2405	2822	3194	3358	3332	3285	2935	2510	2510	2174	2324	2230
TOTAL CONTRACTS OUT														
62 FEDERAL CONTRACTS OUT	1441	1441	1552	1918	2388	2499	2473	2428	2129	1799	1799	1405	1506	1337
63 PUBLIC CONTRACTS OUT W/CLOK	291	291	241	292	194	197	197	195	194	193	193	192	241	241
64 IOU CONTRACTS OUT	652	652	612	612	612	662	662	662	612	518	518	577	577	652
65 TOTAL CONTRACTS OUT	2384	2384	2405	2822	3194	3358	3332	3285	2935	2510	2510	2174	2324	2230
TOTAL CONTRACTS IN														
66 FEDERAL CONTRACTS IN	8	8	8	8	8	8	8	8	8	8	8	8	8	8
67 PUBLIC CONTRACTS IN W/CLOK	190	190	174	224	174	174	174	174	174	174	174	139	139	139
68 IOU CONTRACTS IN	2187	2187	2223	2590	3011	3176	3149	3103	2753	2327	2327	2027	2177	2082
69 TOTAL CONTRACTS IN	2384	2384	2405	2822	3194	3358	3332	3285	2935	2510	2510	2174	2324	2230

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-16

CONTRACTS BETWEEN UTILITIES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

	PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	BPA TO CLARK, PKWD LAKE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
2	BPA TO MPC, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MPC, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	BPA TO OTHER, PKWD LAKE	20	20	20	20	20	20	20	20	20	20	20	20	20	20
5	BPA TO PP&L,CAPC SLE,BRIDGE	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
6	BPA TO PP&L, SOUTHERN IDAHO	13	13	42	108	161	215	189	145	117	90	90	0	18	34
7	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	164	164	164	164	82	82	82	0	0	0
9	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP3 SETTLE	0	0	0	0	164	164	164	164	82	82	82	0	0	0
11	BPA TO PGE, CAP SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	BPA TO PSP&L, PS & PWR XCHG	0	0	0	0	300	300	300	300	0	0	0	0	0	0
14	BPA TO PSP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	0	0	82	82	82	82	82	82	82	82	82	0	82	0
16	BPA TO WWP, SRPLS CAPAC SLE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
17	BPA TO WWP, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	82	82	82	82	41	41	41	0	0	0
19	BPA TO WWP, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	0	0	0	0	0	0	0	0	50	50
22	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
24	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	GRANT TO PP&L, PWR SALE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
26	IDAHO TO OR TRAIL, RPLC SLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	IDAHO TO MPC, SEAS PWR XCHG	0	0	0	0	0	50	50	50	0	0	0	0	0	0
29	IDAHO TO MPC, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	MPC TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	MPC TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	MPC TO ID, SEAS PWR XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
33	MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	MPC TO PSP&L, PWR SALE	94	94	94	94	94	94	94	94	94	0	0	94	94	94
35	MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	OTHER TO PSP&L, SP PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	NO WASCO TO PSP&L, SALE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
38	NO WASCO TO BPA, MCNARY FSH	8	8	8	8	8	8	8	8	8	8	8	8	8	8
39	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	PP&L TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	PEND O TO SCL, PWR SALE	12	12	12	12	12	12	12	12	12	12	12	12	12	12
43	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	PGE TO CHELAN, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
46	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	PSP&L TO BPA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	PSP&L TO BPA, SEAS PWR XCHG	300	300	300	300	0	0	0	0	0	0	0	0	0	300
48	PSP&L TO GRAYSH, CENT CAP X	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
49 SCL TO PEND O, PWR SALE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
50 SCL TO IDAHO, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SCL TO TACOMA,SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 SNOH TO PSP&L, SP PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 TCL TO SEATTLE,SEAS PWR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 WWP TO BPA, DEF PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56 WWP TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57 WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 WWP TO PEND OREILLE, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 WWP TO PGE, CAPACITY SALE	150	150	150	150	150	150	150	150	150	150	150	150	150	150
60 WWP TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 TOTAL CONTRACTS	1970	1970	2006	2073	2485	2590	2563	2519	1936	1815	1815	1532	1683	1991
TOTAL CONTRACTS OUT														
62 FEDERAL CONTRACTS OUT	1216	1216	1327	1393	2156	2210	2184	2140	1607	1580	1580	1203	1303	1237
63 PUBLIC CONTRACTS OUT W/CLOK	132	132	132	132	82	82	82	82	82	82	82	82	132	132
64 IOU CONTRACTS OUT	622	622	547	547	247	297	297	297	247	153	153	247	247	622
65 TOTAL CONTRACTS OUT	1970	1970	2006	2073	2485	2590	2563	2519	1936	1815	1815	1532	1683	1991
TOTAL CONTRACTS IN														
66 FEDERAL CONTRACTS IN	308	308	308	308	8	8	8	8	8	8	8	8	8	308
67 PUBLIC CONTRACTS IN W/CLOK	109	109	109	109	109	109	109	109	109	109	109	109	109	109
68 IOU CONTRACTS IN	1553	1553	1589	1655	2368	2472	2446	2402	1819	1698	1698	1415	1565	1574
69 TOTAL CONTRACTS IN	1970	1970	2006	2073	2485	2590	2563	2519	1936	1815	1815	1532	1683	1991

NOTE: BPA TO PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

TABLE A-17

SHEET 1 OF 2

CAPACITY RESERVES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	HYDRO,SM THML,C-T, & MISC.	1736	1752	1769	1768	1816	1807	1810	1802	1762	1735	1705	1651	1714	1735
2	LARGE THERMAL	1031	1031	952	990	938	1006	992	969	918	784	662	722	855	1032
3	AREA RESERVES	2767	2783	2721	2758	2754	2813	2802	2771	2680	2519	2367	2373	2569	2767
	HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4	FEDERAL	1048	1059	1060	1064	1081	1078	1076	1080	1072	1042	1025	1008	1018	1015
5	CHELAN COUNTY PUD #1	18	18	18	18	18	18	18	18	18	18	17	15	16	18
6	COLOCKUM TRANSMISSION CO.	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7	COWLITZ COUNTY PUD #1	6	6	7	6	6	6	6	6	6	6	6	3	6	6
8	DOUGLAS COUNTY PUD #1	11	11	11	11	11	11	11	11	11	11	11	11	11	12
9	EUGENE WATER & ELEC BOARD	6	5	5	5	5	6	6	7	6	7	6	8	8	5
10	GRANT COUNTY PUD #2	34	34	34	33	33	33	33	33	33	33	34	34	34	34
11	PEND OREILLE COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	SEATTLE CITY LIGHT	81	87	82	87	85	82	82	81	81	84	94	93	92	92
13	SNOHOMISH COUNTY PUD #1	5	5	5	5	5	5	6	6	7	7	7	7	7	7
14	TACOMA PUBLIC UTILITIES	44	47	48	47	45	42	41	34	40	36	38	42	43	40
15	SMALL & NON GEN PUBLICS	8	8	8	8	8	8	8	8	8	8	8	8	8	8
16	IDAHO POWER COMPANY	83	82	90	84	79	79	88	83	85	85	88	92	84	90
17	MONTANA POWER CO. REGIONAL	9	9	7	5	6	6	6	5	5	7	6	7	7	12
18	PACIFIC POWER & LIGHT	68	66	67	67	66	66	65	67	67	67	67	59	68	68
19	PORTLAND GENERAL ELECTRIC	96	96	108	108	109	109	108	109	109	109	82	82	103	108
20	PUGET SOUND POWER & LIGHT	125	125	125	125	164	163	162	161	122	122	122	90	117	125
21	WASHINGTON WATER POWER	75	75	75	76	76	76	75	74	73	74	75	73	73	76
22	TOTAL HYDRO & MISC. RES.	1736	1752	1769	1768	1816	1807	1810	1802	1762	1735	1705	1651	1714	1735
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
23	FEDERAL SYSTEM	1048	1059	1060	1064	1081	1078	1076	1080	1072	1042	1025	1008	1018	1015
24	PUBLIC AGENCIES W/COLOCKUM	232	240	237	239	235	230	230	223	229	229	240	240	244	241
25	INVESTOR-OWNED UTILITIES	456	453	472	465	500	499	504	499	461	464	440	403	452	479
26	TOTAL HYDRO & MISC. RES.	1736	1752	1769	1768	1816	1807	1810	1802	1762	1735	1705	1651	1714	1735

TABLE A-17 (CONTINUED)

SHEET 2 OF 2

CAPACITY RESERVES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LARGE THERMAL RESERVES														
27 FEDERAL	175	175	175	175	175	175	175	175	175	175	0	0	0	175
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	16	16	16	16	16	16	16	16	16	8	8	16	16	16
35 SNOHOMISH COUNTY PUD #1	16	16	16	16	16	16	16	16	16	8	8	16	16	16
36 TACOMA PUBLIC UTILITIES	16	16	16	16	16	16	16	16	16	8	8	16	16	16
37 SMALL & NON GEN PUBLICS	8	8	8	8	8	8	8	8	8	4	4	8	8	8
38 IDAHO POWER COMPANY	148	148	148	148	148	148	148	122	96	96	122	140	148	148
39 MONTANA POWER CO. REGIONAL	52	52	46	45	47	46	44	42	43	43	45	43	49	57
40 PACIFIC POWER & LIGHT	322	322	249	288	234	304	291	296	271	213	214	280	325	318
41 PORTLAND GENERAL ELECTRIC	99	99	99	99	99	98	99	99	98	96	96	48	98	99
42 PUGET SOUND POWER & LIGHT	116	116	116	116	116	116	116	116	116	85	109	92	116	116
43 WASHINGTON WATER POWER	63	63	63	63	63	63	63	63	63	48	48	63	63	63
44 TOTAL LARGE THERMAL RES.	1031	1031	952	990	938	1006	992	969	918	784	662	722	855	1032
LARGE THERMAL RESERVES														
45 FEDERAL SYSTEM	175	175	175	175	175	175	175	175	175	175	0	0	0	175
46 PUBLIC AGENCIES	56	56	56	56	56	56	56	56	56	28	28	56	56	56
47 INVESTOR-OWNED UTILITIES	800	800	721	759	707	775	761	738	687	581	634	666	799	801
48 TOTAL THERMAL RESERVES	1031	1031	952	990	938	1006	992	969	918	784	662	722	855	1032

TABLE A-17

CAPACITY RESERVES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	HYDRO,SM THML,C-T, & MISC.	1767	1783	1789	1801	1849	1841	1842	1834	1794	1753	1723	1669	1730	1750
2	LARGE THERMAL	1004	1004	974	967	952	981	983	987	922	873	651	710	845	1000
3	AREA RESERVES	2771	2787	2763	2768	2801	2822	2825	2821	2716	2626	2374	2379	2575	2750
	HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4	FEDERAL	1051	1062	1063	1079	1096	1093	1091	1095	1087	1045	1028	1011	1021	1018
5	CHELAN COUNTY PUD #1	19	19	19	19	19	19	19	19	19	19	18	16	17	21
6	COLOCKUM TRANSMISSION CO.	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7	COWLITZ COUNTY PUD #1	6	6	7	6	6	6	6	6	6	6	6	3	6	6
8	DOUGLAS COUNTY PUD #1	11	11	11	11	11	11	11	11	11	11	11	11	11	12
9	EUGENE WATER & ELEC BOARD	7	7	7	7	7	7	8	8	8	8	7	9	9	6
10	GRANT COUNTY PUD #2	34	34	34	33	33	33	33	33	33	33	34	34	34	34
11	PEND OREILLE COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	SEATTLE CITY LIGHT	81	87	82	87	85	83	82	81	81	84	94	93	92	92
13	SNOHOMISH COUNTY PUD #1	7	7	7	7	6	7	6	6	6	7	7	7	7	7
14	TACOMA PUBLIC UTILITIES	44	47	48	47	45	42	41	34	40	36	38	42	43	40
15	SMALL & NON GEN PUBLICS	19	19	19	19	19	19	19	19	20	20	20	20	20	20
16	IDAHO POWER COMPANY	83	82	91	85	79	79	87	83	85	85	88	92	84	90
17	MONTANA POWER CO. REGIONAL	11	11	9	9	11	10	11	10	10	10	9	10	9	12
18	PACIFIC POWER & LIGHT	68	66	67	66	66	66	65	67	67	67	67	59	68	68
19	PORTLAND GENERAL ELECTRIC	108	108	108	108	109	109	109	109	109	109	82	82	102	108
20	PUGET SOUND POWER & LIGHT	123	123	123	123	162	162	160	160	120	120	120	88	115	121
21	WASHINGTON WATER POWER	76	75	75	76	76	76	75	74	73	74	75	73	73	76
22	TOTAL HYDRO & MISC. RES.	1767	1783	1789	1801	1849	1841	1842	1834	1794	1753	1723	1669	1730	1750
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
23	FEDERAL SYSTEM	1051	1062	1063	1079	1096	1093	1091	1095	1087	1045	1028	1011	1021	1018
24	PUBLIC AGENCIES W/COLOCKUM	247	256	253	255	250	246	244	236	243	243	254	254	258	257
25	INVESTOR-OWNED UTILITIES	469	465	473	467	503	502	507	503	464	465	441	404	451	475
26	TOTAL HYDRO & MISC. RES.	1767	1783	1789	1801	1849	1841	1842	1834	1794	1753	1723	1669	1730	1750

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LARGE THERMAL RESERVES														
27 FEDERAL	175	175	175	175	175	175	175	175	175	175	0	0	0	175
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	16	16	16	16	16	16	16	16	16	16	8	16	16	16
35 SNOHOMISH COUNTY PUD #1	16	16	16	16	16	16	16	16	16	16	8	16	16	16
36 TACOMA PUBLIC UTILITIES	16	16	16	16	16	16	16	16	16	16	8	16	16	16
37 SMALL & NON GEN PUBLICS	8	8	8	8	8	8	8	8	8	8	4	8	8	8
38 IDAHO POWER COMPANY	148	148	148	148	148	148	148	148	122	96	122	140	148	148
39 MONTANA POWER CO. REGIONAL	57	57	52	53	55	53	53	52	52	47	50	46	54	57
40 PACIFIC POWER & LIGHT	290	290	266	257	240	271	273	278	239	245	198	264	309	286
41 PORTLAND GENERAL ELECTRIC	99	99	98	99	99	99	99	99	99	99	96	49	99	99
42 PUGET SOUND POWER & LIGHT	116	116	116	116	116	116	116	116	116	92	109	92	116	116
43 WASHINGTON WATER POWER	63	63	63	63	63	63	63	63	63	63	48	63	63	63
44 TOTAL LARGE THERMAL RES.	1004	1004	974	967	952	981	983	987	922	873	651	710	845	1000
LARGE THERMAL RESERVES														
45 FEDERAL SYSTEM	175	175	175	175	175	175	175	175	175	175	0	0	0	175
46 PUBLIC AGENCIES	56	56	56	56	56	56	56	56	56	56	28	56	56	56
47 INVESTOR-OWNED UTILITIES	773	773	743	736	721	750	752	756	691	642	623	654	789	769
48 TOTAL THERMAL RESERVES	1004	1004	974	967	952	981	983	987	922	873	651	710	845	1000

TABLE A-17

CAPACITY RESERVES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	HYDRO,SM THML,C-T, & MISC.	1767	1783	1789	1801	1849	1840	1842	1834	1794	1753	1723	1670	1731	1750
2	LARGE THERMAL	988	988	913	916	899	965	967	971	923	809	763	747	832	984
3	AREA RESERVES	2755	2771	2702	2717	2748	2805	2809	2805	2717	2562	2486	2417	2563	2734

HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

4	FEDERAL	1051	1061	1063	1079	1096	1093	1091	1095	1087	1045	1028	1011	1021	1018
5	CHELAN COUNTY PUD #1	28	28	28	28	28	28	27	28	27	27	27	26	27	28
6	COLOCKUM TRANSMISSION CO.	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7	COWLITZ COUNTY PUD #1	6	6	7	6	6	6	6	6	6	6	6	3	6	6
8	DOUGLAS COUNTY PUD #1	11	11	11	11	11	11	11	11	11	11	11	11	11	12
9	EUGENE WATER & ELEC BOARD	7	7	7	7	7	7	8	9	8	8	7	9	9	6
10	GRANT COUNTY PUD #2	34	34	34	33	33	33	33	33	33	34	34	34	34	34
11	PEND OREILLE COUNTY PUD #1	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12	SEATTLE CITY LIGHT	81	87	82	87	85	82	82	81	81	84	94	93	92	92
13	SNOHOMISH COUNTY PUD #1	7	7	7	7	6	7	6	6	7	7	7	7	7	7
14	TACOMA PUBLIC UTILITIES	44	47	48	47	45	42	41	34	40	36	38	42	43	40
15	SMALL & NON GEN PUBLICS	20	20	19	19	19	19	19	19	20	20	20	20	20	20
16	IDAHO POWER COMPANY	83	82	91	85	79	79	87	83	85	85	88	92	84	90
17	MONTANA POWER CO. REGIONAL	14	14	12	12	14	13	14	13	13	13	12	13	11	15
18	PACIFIC POWER & LIGHT	68	66	67	66	66	66	65	67	67	67	67	59	68	68
19	PORTLAND GENERAL ELECTRIC	108	108	108	108	109	109	109	109	109	109	82	82	102	108
20	PUGET SOUND POWER & LIGHT	114	114	114	114	153	153	152	151	111	111	111	79	106	114
21	WASHINGTON WATER POWER	72	72	72	73	73	73	72	70	70	71	72	70	71	73
22	TOTAL HYDRO & MISC. RES.	1767	1783	1789	1801	1849	1840	1842	1834	1794	1753	1723	1670	1731	1750

TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES

23	FEDERAL SYSTEM	1051	1061	1063	1079	1096	1093	1091	1095	1087	1045	1028	1011	1021	1018
24	PUBLIC AGENCIES W/COLOCKUM	257	266	262	264	259	254	252	246	252	252	263	264	268	264
25	INVESTOR-OWNED UTILITIES	459	456	464	458	494	493	499	493	455	456	432	395	442	468
26	TOTAL HYDRO & MISC. RES.	1767	1783	1789	1801	1849	1840	1842	1834	1794	1753	1723	1670	1731	1750

TABLE A-17 (CONTINUED)

CAPACITY RESERVES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LARGE THERMAL RESERVES														
27 FEDERAL	175	175	175	175	175	175	175	175	175	175	0	0	0	175
28 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EUGENE WATER & ELEC BOARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 GRANT COUNTY PUD #2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 SEATTLE CITY LIGHT	16	16	16	16	16	16	16	16	16	8	16	16	16	16
35 SNOHOMISH COUNTY PUD #1	16	16	16	16	16	16	16	16	16	8	16	16	16	16
36 TACOMA PUBLIC UTILITIES	16	16	16	16	16	16	16	16	16	8	16	16	16	16
37 SMALL & NON GEN PUBLICS	8	8	8	8	8	8	8	8	8	4	8	8	8	8
38 IDAHO POWER COMPANY	148	148	148	148	148	148	148	148	122	148	148	140	148	148
39 MONTANA POWER CO. REGIONAL	63	63	58	60	61	60	59	58	59	52	57	52	61	63
40 PACIFIC POWER & LIGHT	268	268	198	199	181	248	251	257	233	177	225	296	289	264
41 PORTLAND GENERAL ELECTRIC	99	99	99	99	99	99	99	98	99	96	98	48	99	99
42 PUGET SOUND POWER & LIGHT	116	116	116	116	116	116	116	116	116	85	116	92	116	116
43 WASHINGTON WATER POWER	63	63	63	63	63	63	63	63	63	48	63	63	63	63
44 TOTAL LARGE THERMAL RES.	988	988	913	916	899	965	967	971	923	809	763	747	832	984
LARGE THERMAL RESERVES														
45 FEDERAL SYSTEM	175	175	175	175	175	175	175	175	175	175	0	0	0	175
46 PUBLIC AGENCIES	56	56	56	56	56	56	56	56	56	28	56	56	56	56
47 INVESTOR-OWNED UTILITIES	757	757	682	685	668	734	736	740	692	606	707	691	776	753
48 TOTAL THERMAL RESERVES	988	988	913	916	899	965	967	971	923	809	763	747	832	984

TABLE A-18

WELLS AND CHELAN ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WELLS		840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 WELLS AFTER ENC.		840	840	840	840	840	840	840	840	840	840	840	840	840	840
3 PP&L SHARE		65	65	65	65	65	65	65	65	65	65	65	65	65	65
4 PGE SHARE		191	191	191	191	191	191	191	191	191	191	191	191	191	191
5 PSP&L SHARE		292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 WWP SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
7 DOUGLS SHARE		192	192	192	192	192	192	192	192	192	192	192	192	192	192
8 OKANOG CO. PUD SHARE	PUB	67	67	67	67	67	67	67	67	67	67	67	67	67	67
9 WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
10 CHELAN		54	54	54	53	53	52	51	51	50	50	51	13	32	54
11 CHELAN AFTER ENC.		58	58	58	57	57	56	55	55	54	54	55	17	36	58
12 TO CHELAN FR WWP,CONTRACT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ		58	58	58	57	57	56	55	55	54	54	55	17	36	58
14 CHELAN SHARE (PROJ+CONT)		58	58	58	57	57	56	55	55	54	54	55	17	36	58
15 WWP SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58

TABLE A-18

WELLS AND CHELAN ALLOCATION

1994 WHITEBOOK: 12/20/94

1999- 0 OPERATING YEAR

RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WELLS		840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 WELLS AFTER ENC.		840	840	840	840	840	840	840	840	840	840	840	840	840	840
3 PP&L SHARE		65	65	65	65	65	65	65	65	65	65	65	65	65	65
4 PGE SHARE		191	191	191	191	191	191	191	191	191	191	191	191	191	191
5 PSP&L SHARE		292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 WWP SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
7 DOUGLS SHARE		192	192	192	192	192	192	192	192	192	192	192	192	192	192
8 OKANOG CO. PUD SHARE	PUB	67	67	67	67	67	67	67	67	67	67	67	67	67	67
9 WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
10 CHELAN		54	54	54	53	53	52	51	51	50	50	51	13	32	54
11 CHELAN AFTER ENC.		58	58	58	57	57	56	55	55	54	54	55	17	36	58
12 TO CHELAN FR WWP,CONTRACT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ		58	58	58	57	57	56	55	55	54	54	55	17	36	58
14 CHELAN SHARE (PROJ+CONT)		58	58	58	57	57	56	55	55	54	54	55	17	36	58
15 WWP SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58

TABLE A-18

WELLS AND CHELAN ALLOCATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WELLS		840	840	840	840	840	840	840	840	840	840	840	840	840	840
2 WELLS AFTER ENC.		840	840	840	840	840	840	840	840	840	840	840	840	840	840
3 PP&L SHARE		65	65	65	65	65	65	65	65	65	65	65	65	65	65
4 PGE SHARE		191	191	191	191	191	191	191	191	191	191	191	191	191	191
5 PSP&L SHARE		292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 WWP SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
7 DOUGLS SHARE		192	192	192	192	192	192	192	192	192	192	192	192	192	192
8 OKANOG CO. PUD SHARE	PUB	67	67	67	67	67	67	67	67	67	67	67	67	67	67
9 WELLS AFTER ENC.	DGLS	840	840	840	840	840	840	840	840	840	840	840	840	840	840
10 CHELAN		54	54	54	53	53	52	51	51	50	50	51	13	32	54
11 CHELAN AFTER ENC.		58	58	58	57	57	56	55	55	54	54	55	17	36	58
12 TO CHELAN FR WWP,CONTRACT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ		58	58	58	57	57	56	55	55	54	54	55	17	36	58
14 CHELAN SHARE (PROJ+CONT)		58	58	58	57	57	56	55	55	54	54	55	17	36	58
15 WWP SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC.	CHLN	58	58	58	57	57	56	55	55	54	54	55	17	36	58

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2	ROCKY REACH AFTER ENC.	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
3	PP&L SHARE	69	69	69	69	69	69	69	69	69	69	69	69	69	69
4	PGE SHARE	156	156	156	156	156	156	156	156	156	156	156	156	156	156
5	PSP&L SHARE	505	505	504	504	505	505	505	504	504	504	507	506	506	505
6	WWP SHARE	38	38	38	38	38	38	38	38	38	38	38	38	38	38
7	DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8	CHELAN SHARE	196	196	196	196	196	196	196	196	196	196	197	197	197	196
9	COLOCK SHARE	299	298	298	298	299	299	298	298	298	298	299	300	299	299
10	RKY REACH AFTER ENC. CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
11	ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12	ROCK ISLAND AFTER ENC.. 1&2	599	599	600	600	599	599	600	601	601	601	595	596	596	598
13	1ST PWRHOUSE AFTER ENC.	250	252	256	256	251	251	256	256	256	256	230	232	233	244
14	CHELAN SHARE	102	103	104	104	102	102	104	104	104	104	94	95	95	105
15	PSP&L SHARE	148	149	152	152	148	149	152	152	152	152	136	138	138	140
16	RI 2ND POWERHOUSE	348	347	344	344	348	348	344	345	345	345	365	363	363	354
17	CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PSP&L SHARE	348	347	344	344	348	348	344	345	345	345	365	363	363	354
19	CHELAN TOTAL SHARE	102	103	104	104	102	103	105	105	105	105	94	95	95	105
20	PSP&L TOTAL SHARE	497	496	496	496	497	496	495	496	496	496	501	501	501	493
21	ROCK ISLAND CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2 ROCKY REACH AFTER ENC.	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
3 PP&L SHARE	69	69	69	69	69	69	69	69	69	69	69	69	69	69
4 PGE SHARE	156	156	156	156	156	156	156	156	156	156	156	156	156	156
5 PSP&L SHARE	505	505	504	504	505	505	505	504	504	504	507	506	506	505
6 WWP SHARE	38	38	38	38	38	38	38	38	38	38	38	38	38	38
7 DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8 CHELAN SHARE	196	196	196	196	196	196	196	196	196	196	197	197	197	196
9 COLOCK SHARE	299	298	298	298	299	299	298	298	298	298	299	300	299	299
10 RKY REACH AFTER ENC. CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
11 ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12 ROCK ISLAND AFTER ENC. 1&2	599	599	600	600	599	599	600	601	601	601	595	596	596	598
13 1ST PWRHOUSE AFTER ENC.	250	252	256	256	251	251	256	256	256	256	230	232	233	244
14 CHELAN SHARE	124	124	126	126	124	124	126	126	126	126	114	115	115	122
15 PSP&L SHARE	127	127	130	130	127	127	130	130	130	130	116	118	118	122
16 RI 2ND POWERHOUSE	348	347	344	344	348	348	344	345	345	345	365	363	363	354
17 CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	35
18 PSP&L SHARE	348	347	344	344	348	348	344	345	345	345	365	363	363	318
19 CHELAN TOTAL SHARE	124	124	126	126	124	124	127	127	127	127	114	115	115	158
20 PSP&L TOTAL SHARE	475	475	474	474	475	475	473	474	474	474	481	481	481	440
21 ROCK ISLAND CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2 ROCKY REACH AFTER ENC.	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
3 PP&L SHARE	69	69	69	69	69	69	69	69	69	69	69	69	69	69
4 PGE SHARE	156	156	156	156	156	156	156	156	156	156	156	156	156	156
5 PSP&L SHARE	505	505	504	504	505	505	505	504	504	504	507	506	506	505
6 WWP SHARE	38	38	38	38	38	38	38	38	38	38	38	38	38	38
7 DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8 CHELAN SHARE	196	196	196	196	196	196	196	196	196	196	197	197	197	196
9 COLOCK SHARE	299	298	298	298	299	299	298	298	298	298	299	300	299	299
10 RKY REACH AFTER ENC. CHLN	1299	1298	1297	1297	1299	1299	1298	1297	1297	1297	1302	1302	1301	1299
11 ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12 ROCK ISLAND AFTER ENC. 1&2	599	599	600	600	599	599	600	601	601	601	595	596	596	598
13 1ST PWRHOUSE AFTER ENC.	250	252	256	256	251	251	256	256	256	256	230	232	233	244
14 CHELAN SHARE	125	126	128	128	125	125	128	128	128	128	115	116	116	122
15 PSP&L SHARE	125	126	128	128	125	125	128	128	128	128	115	116	116	122
16 RI 2ND POWERHOUSE	348	347	344	344	348	348	344	345	345	345	365	363	363	354
17 CHELAN SHARE	174	174	172	172	174	174	172	172	172	172	183	182	182	177
18 PSP&L SHARE	174	174	172	172	174	174	172	172	172	172	183	182	182	177
19 CHELAN TOTAL SHARE	300	300	300	300	300	300	300	301	301	301	298	298	298	299
20 PSP&L TOTAL SHARE	299	299	300	300	299	299	300	300	300	300	297	298	298	299
21 ROCK ISLAND CHLN	599	599	600	600	599	599	600	601	601	601	595	596	596	598

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

1995-96 OPERATING YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WANAPUM	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 WANAPUM AFTER ENC.	910	910	910	910	910	910	910	910	910	910	910	910	910	910
3 PP&L SHARE	170	170	170	170	170	170	170	170	170	170	170	170	170	170
4 PGE SHARE	170	170	170	170	170	170	170	170	170	170	170	170	170	170
5 PSP&L SHARE	98	98	98	98	98	98	98	98	98	98	98	98	98	98
6 WWP SHARE	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 GRANT SHARE	332	332	332	332	332	332	332	332	332	332	332	332	332	332
8 EUGENE SHARE	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9 COWLIZ SHARE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10 F GROV SHARE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 MCMINN SHARE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 M FREE SHARE	7	7	7	7	7	7	7	7	7	7	7	7	7	7
13 WANAPUM AFTER ENC. GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
14 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
15 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
16 PP&L SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
17 PGE SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
18 PSP&L SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
19 SEATTL SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TACOMA SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
21 WWP SHARE	55	55	55	55	55	55	55	55	55	55	55	55	55	55
22 GRANT SHARE	327	327	327	327	327	327	327	327	327	327	327	327	327	327
23 EUGENE SHARE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
24 COWLIZ SHARE	18	18	18	18	18	18	18	18	18	18	18	18	18	18
25 F GROV SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26 MCMINN SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27 M FREE SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28 KITATS SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29 PRST RPDS AFTER ENC. GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

1999- 0 OPERATING YEAR

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WANAPUM		986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 WANAPUM AFTER ENC.		910	910	910	910	910	910	910	910	910	910	910	910	910	910
3 PP&L SHARE		170	170	170	170	170	170	170	170	170	170	170	170	170	170
4 PGE SHARE		170	170	170	170	170	170	170	170	170	170	170	170	170	170
5 PSP&L SHARE		98	98	98	98	98	98	98	98	98	98	98	98	98	98
6 WWP SHARE		75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 GRANT SHARE		332	332	332	332	332	332	332	332	332	332	332	332	332	332
8 EUGENE SHARE		21	21	21	21	21	21	21	21	21	21	21	21	21	21
9 COWLIZ SHARE		25	25	25	25	25	25	25	25	25	25	25	25	25	25
10 F GROV SHARE		6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 MCMINN SHARE		6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 M FREE SHARE		7	7	7	7	7	7	7	7	7	7	7	7	7	7
13 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
14 PRIEST RAPIDS		912	912	912	912	912	912	912	912	912	912	912	912	912	912
15 PRIEST RAPIDS AFTER ENC.		897	897	897	897	897	897	897	897	897	897	897	897	897	897
16 PP&L SHARE		125	125	125	125	125	125	125	125	125	125	125	125	125	125
17 PGE SHARE		125	125	125	125	125	125	125	125	125	125	125	125	125	125
18 PSP&L SHARE		72	72	72	72	72	72	72	72	72	72	72	72	72	72
19 SEATTL SHARE		72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TACOMA SHARE		72	72	72	72	72	72	72	72	72	72	72	72	72	72
21 WWP SHARE		55	55	55	55	55	55	55	55	55	55	55	55	55	55
22 GRANT SHARE		327	327	327	327	327	327	327	327	327	327	327	327	327	327
23 EUGENE SHARE		15	15	15	15	15	15	15	15	15	15	15	15	15	15
24 COWLIZ SHARE		18	18	18	18	18	18	18	18	18	18	18	18	18	18
25 F GROV SHARE		4	4	4	4	4	4	4	4	4	4	4	4	4	4
26 MCMINN SHARE		4	4	4	4	4	4	4	4	4	4	4	4	4	4
27 M FREE SHARE		4	4	4	4	4	4	4	4	4	4	4	4	4	4
28 KITATS SHARE		4	4	4	4	4	4	4	4	4	4	4	4	4	4
29 PRST RPDS AFTER ENC.	GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-20

WANAPUM AND PRIEST RAPIDS ALLOCATION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

2004- 5 OPERATING YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 WANAPUM	986	986	986	986	986	986	986	986	986	986	986	986	986	986
2 WANAPUM AFTER ENC.	910	910	910	910	910	910	910	910	910	910	910	910	910	910
3 PP&L SHARE	170	170	170	170	170	170	170	170	170	170	170	170	170	170
4 PGE SHARE	170	170	170	170	170	170	170	170	170	170	170	170	170	170
5 PSP&L SHARE	98	98	98	98	98	98	98	98	98	98	98	98	98	98
6 WWP SHARE	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7 GRANT SHARE	332	332	332	332	332	332	332	332	332	332	332	332	332	332
8 EUGENE SHARE	21	21	21	21	21	21	21	21	21	21	21	21	21	21
9 COWLIZ SHARE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
10 F GROV SHARE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 MCMINN SHARE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 M FREE SHARE	7	7	7	7	7	7	7	7	7	7	7	7	7	7
13 WANAPUM AFTER ENC. GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
14 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
15 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
16 PP&L SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
17 PGE SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
18 PSP&L SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
19 SEATTL SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TACOMA SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
21 WWP SHARE	55	55	55	55	55	55	55	55	55	55	55	55	55	55
22 GRANT SHARE	327	327	327	327	327	327	327	327	327	327	327	327	327	327
23 EUGENE SHARE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
24 COWLIZ SHARE	18	18	18	18	18	18	18	18	18	18	18	18	18	18
25 F GROV SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
26 MCMINN SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
27 M FREE SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28 KITATS SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29 PRST RPDS AFTER ENC. GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	SWIFT 1	265	233	264	252	228	210	198	205	223	226	227	33	265	265
2	COWLIZ SHARE	69	60	69	66	59	55	51	53	58	59	59	9	69	69
3	PP&L SHARE (SYSTEM)	196	173	195	186	169	155	147	152	165	167	168	24	196	196
4	SWIFT 1 PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
5	SWIFT 2	58	58	64	71	71	71	71	71	76	76	68	10	58	58
6	COWLIZ SHARE	15	15	17	19	19	19	19	19	20	20	18	3	15	15
7	PP&L SHARE (SYSTEM)	43	43	47	52	52	52	52	52	56	56	50	7	43	43
8	SWIFT 2 COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	SWIFT 1		265	233	264	252	228	210	198	205	223	226	227	33	265	265
2	COWLIZ SHARE		69	60	69	66	59	55	51	53	58	59	59	9	69	69
3	PP&L SHARE	(SYSTEM)	196	173	195	186	169	155	147	152	165	167	168	24	196	196
4	SWIFT 1	PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
5	SWIFT 2		58	58	64	71	71	71	71	71	76	76	68	10	58	58
6	COWLIZ SHARE		15	15	17	19	19	19	19	19	20	20	18	3	15	15
7	PP&L SHARE	(SYSTEM)	43	43	47	52	52	52	52	52	56	56	50	7	43	43
8	SWIFT 2	COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58

TABLE A-21

SWIFT 1 AND SWIFT 2 ALLOCATION

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1	SWIFT 1	265	233	264	252	228	210	198	205	223	226	227	33	265	265
2	COWLIZ SHARE	69	60	69	66	59	55	51	53	58	59	59	9	69	69
3	PP&L SHARE (SYSTEM)	196	173	195	186	169	155	147	152	165	167	168	24	196	196
4	SWIFT 1 PP&L	265	233	264	252	228	210	198	205	223	226	227	33	265	265
5	SWIFT 2	58	58	64	71	71	71	71	71	76	76	68	10	58	58
6	COWLIZ SHARE	15	15	17	19	19	19	19	19	20	20	18	3	15	15
7	PP&L SHARE (SYSTEM)	43	43	47	52	52	52	52	52	56	56	50	7	43	43
8	SWIFT 2 COW	58	58	64	71	71	71	71	71	76	76	68	10	58	58

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC UTILITIES															
PRIORITY FIRM RATE SALES															
1	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	COWLITZ COUNTY PUD #1	499	492	485	550	601	605	631	593	607	583	582	614	505	506
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	219	216	252	328	379	382	421	401	368	337	357	268	200	214
5	GRANT COUNTY PUD #2	4	4	6	10	14	17	18	17	11	9	9	6	4	4
6	PEND OREILLE COUNTY PUD #1	24	36	42	33	42	49	54	50	47	40	43	33	26	32
7	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	SNOHOMISH COUNTY PUD #1	502	467	550	821	971	1096	1071	1124	959	924	924	734	614	460
9	TACOMA PUBLIC UTILITIES	0	0	0	0	54	177	199	314	157	248	217	0	0	0
10	SM & NON GEN PUBLICS	4180	4180	4181	4767	5288	5703	6022	5665	5368	5147	5147	4761	4409	4438
11	TOTAL SALES	5428	5395	5516	6510	7349	8031	8417	8164	7516	7288	7280	6417	5758	5655
INVESTOR-OWNED UTILITIES															
NEW RESOURCES RATE PURCHASES															
12	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC UTILITIES															
PRIORITY FIRM RATE SALES															
1	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	COWLITZ COUNTY PUD #1	565	558	551	617	661	660	682	646	664	641	640	674	565	560
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	246	244	283	364	412	413	450	432	398	362	382	294	221	232
5	GRANT COUNTY PUD #2	45	45	23	15	21	25	53	69	16	15	16	58	74	36
6	PEND OREILLE COUNTY PUD #1	28	40	45	36	45	52	56	53	50	44	47	37	28	36
7	SEATTLE CITY LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	SNOHOMISH COUNTY PUD #1	619	584	678	963	1114	1245	1198	1261	1087	1003	1049	851	728	568
9	TACOMA PUBLIC UTILITIES	47	26	0	0	122	243	253	372	216	262	276	47	0	22
10	SM & NON GEN PUBLICS	4332	4332	4361	4962	5456	5857	6185	5839	5550	5304	5327	4936	4561	4593
11	TOTAL SALES	5882	5829	5941	6957	7830	8496	8877	8672	7980	7630	7737	6897	6177	6048
INVESTOR-OWNED UTILITIES															
NEW RESOURCES RATE PURCHASES															
12	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-22

POWER SALES CONTRACTS SALES BY BPA

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC UTILITIES															
PRIORITY FIRM RATE SALES															
1	CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	COWLITZ COUNTY PUD #1	603	596	588	648	683	677	697	665	688	672	671	710	602	599
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	284	282	324	407	454	454	491	475	440	405	425	335	259	269
5	GRANT COUNTY PUD #2	112	112	87	32	44	74	91	109	51	56	56	107	126	95
6	PEND OREILLE COUNTY PUD #1	26	41	41	34	39	50	53	51	48	41	44	34	23	35
7	SEATTLE CITY LIGHT	0	0	0	0	0	0	14	0	0	0	0	0	0	0
8	SNOHOMISH COUNTY PUD #1	719	684	792	1107	1263	1400	1347	1425	1238	1194	1148	985	851	668
9	TACOMA PUBLIC UTILITIES	114	92	17	56	190	309	323	446	291	387	310	125	52	90
10	SM & NON GEN PUBLICS	4725	4725	4826	5467	5924	6306	6653	6322	6041	5819	5796	5385	4985	4976
11	TOTAL SALES	6582	6532	6675	7751	8597	9271	9669	9494	8798	8574	8450	7682	6899	6734
INVESTOR-OWNED UTILITIES															
NEW RESOURCES RATE PURCHASES															
12	IDAHO POWER COMPANY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	PACIFIC POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	PORTLAND GENERAL ELECTRIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	PUGET SOUND POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	WASHINGTON WATER POWER	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	TOTAL SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL SYSTEM	0	0	0	0	0	0	1	1	1	1	1	1	1	1
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	0	0	0	5	5	4	0	1	1	9	9	37	37	11
6 GRANT COUNTY PUD #2	14	14	11	8	0	0	0	0	8	13	13	16	15	15
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	120	120	76	27	4	5	10	12	27	88	88	134	141	138
9 SNOHOMISH COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59
11 SMALL & NON GEN PUBLICS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12 IDAHO POWER COMPANY DED	128	128	107	76	63	44	61	59	72	103	103	131	149	146
13 MONTANA POWER CO. REGIONAL	26	26	18	17	20	18	16	13	14	20	18	20	22	33
14 PACIFIC POWER & LIGHT	53	53	51	49	53	53	39	61	54	61	61	72	59	57
15 PORTLAND GENERAL ELECTRIC	16	16	16	20	28	31	29	28	28	29	29	27	21	16
16 PUGET SOUND POWER & LIGHT	725	725	725	725	724	724	725	725	725	725	725	179	565	725
17 WASHINGTON WATER POWER	242	242	243	243	244	246	246	247	249	250	250	224	225	245
18 TOTAL NON-UTILITY GEN	1389	1389	1292	1197	1153	1137	1138	1158	1194	1345	1343	901	1301	1457
TOTAL REGIONAL NON-UTILITY GENERATION														
19 FEDERAL SYSTEM	0	0	0	0	0	0	1	1	1	1	1	1	1	1
20 PUBLIC AGENCIES	199	199	132	67	21	21	22	25	52	157	157	248	260	235
21 INVESTOR-OWNED UTILITIES	1190	1190	1160	1130	1132	1116	1116	1133	1142	1188	1186	653	1041	1222
22 TOTAL NON-UTILITY GEN	1389	1389	1292	1197	1153	1137	1139	1159	1195	1346	1344	902	1302	1458
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.														
23 MONTANA NON-REGIONAL NUG	80	80	89	93	88	89	91	94	95	90	92	90	88	75
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.														
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.														
25 TOTAL NON-UTILITY GEN	1477	1477	1389	1297	1248	1233	1235	1259	1298	1444	1444	1003	1405	1544

TABLE A-23

NON-UTILITY GENERATING RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL SYSTEM	56	56	56	304	304	304	304	304	304	56	56	56	56	56
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	27	27	27	33	34	35	31	32	32	39	39	64	64	38
6 GRANT COUNTY PUD #2	14	14	11	8	0	0	0	0	8	13	13	16	15	15
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	121	121	76	28	4	5	10	12	27	88	88	134	141	138
9 SNOHOMISH COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59
11 SMALL & NON GEN PUBLICS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12 IDAHO POWER COMPANY DED	137	137	118	87	73	53	53	58	72	104	103	131	149	146
13 MONTANA POWER CO. REGIONAL	32	32	26	28	30	28	28	25	27	28	25	27	30	33
14 PACIFIC POWER & LIGHT	53	53	51	49	53	53	39	61	54	61	61	72	59	57
15 PORTLAND GENERAL ELECTRIC	16	16	16	20	28	31	29	29	28	29	29	27	21	16
16 PUGET SOUND POWER & LIGHT	711	711	711	711	711	711	711	711	711	711	711	166	551	711
17 WASHINGTON WATER POWER	242	242	243	243	244	246	246	247	249	250	250	224	225	245
18 TOTAL NON-UTILITY GEN	1418	1418	1324	1234	1189	1174	1159	1187	1224	1370	1366	922	1322	1470
TOTAL REGIONAL NON-UTILITY GENERATION														
19 FEDERAL SYSTEM	56	56	56	304	304	304	304	304	304	56	56	56	56	56
20 PUBLIC AGENCIES	227	227	159	96	50	52	53	56	83	187	187	275	287	262
21 INVESTOR-OWNED UTILITIES	1191	1191	1165	1138	1139	1122	1106	1131	1141	1183	1179	647	1035	1208
22 TOTAL NON-UTILITY GEN	1474	1474	1380	1538	1493	1478	1463	1491	1528	1426	1422	978	1378	1526
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.														
23 MONTANA NON-REGIONAL NUG	74	74	81	82	78	79	79	82	82	82	85	83	80	75
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.														
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.														
25 TOTAL NON-UTILITY GEN	1556	1556	1469	1627	1578	1564	1547	1579	1618	1516	1515	1072	1473	1612

TABLE A-23

NON-UTILITY GENERATING RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1 FEDERAL SYSTEM	56	56	56	304	304	304	304	304	304	56	56	56	56	56
2 CHELAN COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE WATER & ELEC BRD	27	27	27	33	34	35	31	32	33	39	39	64	64	38
6 GRANT COUNTY PUD #2	14	14	11	8	0	0	0	0	8	13	13	16	15	15
7 PEND OREILLE COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SEATTLE CITY LIGHT	120	120	75	28	4	5	10	12	27	88	88	134	141	138
9 SNOHOMISH COUNTY PUD #1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TACOMA PUBLIC UTILITIES	53	53	33	15	0	0	0	0	4	35	35	49	55	59
11 SMALL & NON GEN PUBLICS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12 IDAHO POWER COMPANY DED	137	137	118	87	73	53	53	58	72	103	103	131	149	146
13 MONTANA POWER CO. REGIONAL	40	40	35	37	38	36	36	34	36	39	34	37	39	42
14 PACIFIC POWER & LIGHT	53	53	51	49	53	54	39	61	54	61	61	72	59	57
15 PORTLAND GENERAL ELECTRIC	16	16	16	20	28	31	29	28	28	29	29	27	21	16
16 PUGET SOUND POWER & LIGHT	711	711	711	711	711	711	711	711	711	711	711	166	551	711
17 WASHINGTON WATER POWER	182	182	182	181	182	181	181	182	182	184	184	182	183	182
18 TOTAL NON-UTILITY GEN	1365	1365	1271	1181	1135	1118	1102	1130	1167	1314	1309	890	1289	1416
TOTAL REGIONAL NON-UTILITY GENERATION														
19 FEDERAL SYSTEM	56	56	56	304	304	304	304	304	304	56	56	56	56	56
20 PUBLIC AGENCIES	226	226	158	96	50	52	53	56	84	187	187	275	287	262
21 INVESTOR-OWNED UTILITIES	1139	1139	1113	1085	1085	1066	1049	1074	1083	1127	1122	615	1002	1154
22 TOTAL NON-UTILITY GEN	1421	1421	1327	1485	1439	1422	1406	1434	1471	1370	1365	946	1345	1472
SOME OF MONTANA POWER COMPANY'S NON-UTILITY GENERATION IS NOT INCLUDED IN THE REGION. ALL OF MONTANA'S RESOURCES ARE ASSUMED TO SERVE ALL OF THEIR LOADS. THEREFORE, NON-UTILITY GENERATION IS PRORATED TO THE PERCENT OF THEIR REGIONAL LOAD COMPARED TO THEIR TOTAL LOAD.														
23 MONTANA NON-REGIONAL NUG	66	66	72	73	70	71	71	73	73	71	76	73	71	66
UTAH POWER AND LIGHT'S NON-UTILTIY GENERATION IS EXCLUDED FROM THIS TABLE SINCE NO INDIVIDUAL UTAH RESOURCES ARE MODELED IN THIS REPORT. UTAH'S REGIONAL LOAD IS ASSUMED TO SERVED WITH AN IMPORT OF POWER EQUAL TO THEIR LOAD.														
24 UTAH,NON-UTILITY GENERATION	8	8	8	7	7	6	5	6	7	7	7	11	14	11
TOTAL NON-UTILITY GENERATION WHICH MATCHES THE TOTAL NUG GENERATION IN THE 1992 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY, NON-UTILITY GENERATION SUMMARY.														
25 TOTAL NON-UTILITY GEN	1495	1495	1407	1565	1516	1500	1482	1513	1552	1449	1449	1030	1431	1549

TABLE A-24

DEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES														
1 CHELAN COUNTY PUD #1	363	363	364	363	362	361	361	361	360	358	351	313	332	363
2 COWLITZ COUNTY PUD #1	143	134	145	144	137	133	129	131	137	136	134	69	141	141
3 DOUGLAS COUNTY PUD #1	239	239	239	239	239	239	239	239	239	237	237	237	237	237
4 EUGENE WATER & ELEC BOARD	122	117	114	117	114	146	128	148	137	135	116	152	154	120
5 GRANT COUNTY PUD #2	607	607	607	607	607	607	607	607	607	603	603	603	603	603
6 PEND OREILLE COUNTY PUD #1	23	25	25	23	24	24	24	23	23	23	20	21	23	25
7 SEATTLE CITY LIGHT	1935	2040	1949	2043	1994	1966	2002	2014	2032	1928	2115	2165	2141	2140
8 SNOHOMISH COUNTY PUD #1	220	220	220	220	220	220	220	220	220	164	164	218	218	218
9 TACOMA PUBLIC UTILITIES	903	973	1017	1012	980	919	889	757	871	715	752	920	880	831
10 SM & NON GEN PUBLIC (CL+GH)	365	365	417	414	414	416	417	415	423	384	384	374	354	343
11 TOTAL PUBLIC AGENCIES	4920	5083	5097	5182	5091	5031	5016	4915	5049	4683	4875	5072	5083	5022
INVESTOR-OWNED UTILITIES														
12 IDAHO POWER COMPANY	2160	2131	2319	2216	2117	2076	2257	2002	1882	1879	2110	2364	2189	2318
13 MONTANA POWER CO. REGIONAL	403	403	397	418	453	486	473	443	401	359	363	356	416	379
14 PACIFIC POWER & LIGHT	4752	4728	4257	4504	4129	4609	4482	4550	4385	3999	4011	4283	4772	4628
15 PORTLAND GENERAL ELECTRIC	1499	1499	1736	1736	1961	1961	1961	1961	1736	1700	1617	1634	1712	1716
16 PUGET SOUND POWER & LIGHT	2444	2443	2442	2441	2804	2793	2767	2750	2386	2152	2320	2107	2422	2338
17 WASHINGTON WATER POWER	1506	1496	1503	1510	1509	1508	1495	1467	1462	1365	1389	1511	1516	1518
18 TOTAL INVESTOR-OWNED UTILIT	12764	12700	12654	12825	12973	13433	13435	13173	12252	11454	11810	12255	13027	12897
19 TOTAL DEDICATED RESOURCES	17684	17783	17751	18007	18064	18464	18451	18088	17301	16137	16685	17327	18110	17919

TABLE A-24

DEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES															
1	CHELAN COUNTY PUD #1	375	375	377	376	374	373	374	374	373	373	363	326	345	410
2	COWLITZ COUNTY PUD #1	132	123	134	133	126	122	118	120	126	128	126	61	133	133
3	DOUGLAS COUNTY PUD #1	232	232	232	232	232	232	232	232	232	232	232	232	232	232
4	EUGENE WATER & ELEC BOARD	126	121	118	122	120	154	136	156	145	147	128	161	163	129
5	GRANT COUNTY PUD #2	590	590	590	590	590	590	590	590	590	589	589	589	589	589
6	PEND OREILLE COUNTY PUD #1	23	25	25	23	24	24	24	23	23	22	19	20	22	24
7	SEATTLE CITY LIGHT	1887	1992	1900	1995	1945	1917	1953	1965	1983	1943	2077	2127	2103	2102
8	SNOHOMISH COUNTY PUD #1	214	214	214	214	214	214	214	214	214	214	160	214	214	214
9	TACOMA PUBLIC UTILITIES	901	971	1015	1010	978	917	887	755	869	767	751	919	879	830
10	SM & NON GEN PUBLIC (CL+GH)	523	523	575	572	572	574	574	572	580	580	553	543	523	523
11	TOTAL PUBLIC AGENCIES	5003	5167	5181	5268	5176	5118	5103	5002	5136	4996	4999	5193	5204	5187
INVESTOR-OWNED UTILITIES															
12	IDAHO POWER COMPANY	2257	2228	2412	2293	2183	2173	2337	2259	2139	1966	2196	2446	2272	2411
13	MONTANA POWER CO. REGIONAL	363	363	374	378	417	450	460	430	383	351	357	342	414	380
14	PACIFIC POWER & LIGHT	4407	4383	4236	4164	4201	4422	4395	4472	4128	4174	3867	4059	4547	4379
15	PORTLAND GENERAL ELECTRIC	1656	1656	1656	1656	1881	1881	1881	1881	1656	1653	1553	1570	1648	1652
16	PUGET SOUND POWER & LIGHT	2255	2255	2253	2252	2615	2605	2578	2561	2197	2031	2154	1941	2256	2218
17	WASHINGTON WATER POWER	1486	1476	1483	1490	1490	1489	1471	1443	1438	1447	1370	1492	1497	1499
18	TOTAL INVESTOR-OWNED UTILIT	12424	12361	12414	12233	12787	13020	13122	13046	11941	11622	11497	11850	12634	12539
19	TOTAL DEDICATED RESOURCES	17427	17528	17595	17501	17963	18138	18225	18048	17077	16618	16496	17043	17838	17726

TABLE A-24

DEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES															
1	CHELAN COUNTY PUD #1	547	547	547	546	546	545	544	544	543	543	543	505	524	547
2	COWLITZ COUNTY PUD #1	127	118	129	128	121	117	113	115	121	122	120	55	127	127
3	DOUGLAS COUNTY PUD #1	230	230	230	230	230	230	230	230	230	230	230	230	230	230
4	EUGENE WATER & ELEC BOARD	115	110	107	111	109	143	125	145	135	137	118	151	153	119
5	GRANT COUNTY PUD #2	580	580	580	580	580	580	580	580	580	580	580	580	580	580
6	PEND OREILLE COUNTY PUD #1	30	32	32	30	31	31	31	30	30	30	27	28	30	32
7	SEATTLE CITY LIGHT	1852	1957	1865	1961	1911	1883	1919	1931	1949	1857	2097	2094	2070	2069
8	SNOHOMISH COUNTY PUD #1	211	211	211	211	211	211	211	211	211	157	211	211	211	211
9	TACOMA PUBLIC UTILITIES	882	952	996	991	959	898	868	736	850	694	786	900	860	811
10	SM & NON GEN PUBLIC (CL+GH)	466	466	483	480	480	482	482	480	488	462	489	487	467	467
11	TOTAL PUBLIC AGENCIES	5040	5202	5180	5268	5178	5120	5103	5002	5137	4812	5201	5241	5252	5192
INVESTOR-OWNED UTILITIES															
12	IDAHO POWER COMPANY	2355	2326	2504	2377	2275	2271	2436	2351	2216	2381	2438	2536	2368	2493
13	MONTANA POWER CO. REGIONAL	350	350	366	364	404	440	451	421	375	344	350	331	418	374
14	PACIFIC POWER & LIGHT	4238	4214	3756	3753	3783	4247	4224	4302	4061	3693	4024	4247	4387	4205
15	PORTLAND GENERAL ELECTRIC	1613	1613	1613	1613	1838	1838	1838	1838	1613	1596	1530	1530	1608	1612
16	PUGET SOUND POWER & LIGHT	2033	2033	2033	2032	2393	2383	2359	2341	1977	1765	1972	1713	2028	2033
17	WASHINGTON WATER POWER	1474	1464	1471	1478	1478	1477	1459	1431	1426	1334	1459	1480	1485	1487
18	TOTAL INVESTOR-OWNED UTILIT	12063	12000	11743	11617	12171	12656	12767	12684	11668	11113	11773	11837	12294	12204
19	TOTAL DEDICATED RESOURCES	17103	17202	16923	16885	17349	17776	17870	17686	16805	15925	16974	17078	17546	17396

TABLE A-25

NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES															
1	CHELAN COUNTY PUD #1	-39	-39	-39	-39	11	11	12	12	12	12	10	10	-40	-39
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	26	26	26	26	26	6	26	26	26	26	26	26	26	6
5	GRANT COUNTY PUD #2	79	79	76	73	65	65	65	65	73	78	78	81	80	80
6	PEND OREILLE COUNTY PUD #1	86	86	86	86	86	86	86	86	86	86	86	86	86	86
7	SEATTLE CITY LIGHT	-109	-109	-159	-178	26	47	47	47	47	13	13	1	-159	-159
8	SNOHOMISH COUNTY PUD #1	-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
9	TACOMA PUBLIC UTILITIES	0	0	18	69	19	52	52	52	52	41	41	3	41	40
10	SM & NON GEN PUBLIC (CL+GH)	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
11	TOTAL PUBLIC AGENCIES	37	38	1	29	223	255	275	277	286	247	246	200	28	7
INVESTOR-OWNED UTILITIES															
12	IDAHO POWER COMPANY	343	343	268	218	218	168	168	168	218	293	293	242	293	368
13	MONTANA POWER CO. REGIONAL	42	42	30	26	32	29	35	31	32	136	132	42	13	63
14	PACIFIC POWER & LIGHT	-473	-473	-382	-326	-305	-271	-258	-276	-303	-325	-325	-423	-415	-446
15	PORTLAND GENERAL ELECTRIC	1176	1176	1177	1405	1527	1590	1589	1588	1445	1446	995	577	1070	1097
16	PUGET SOUND POWER & LIGHT	1117	1117	1164	1765	2499	2502	2502	2500	1767	1372	1372	873	1039	1117
17	WASHINGTON WATER POWER	108	108	109	109	492	494	543	548	505	361	361	300	151	171
18	TOTAL INVESTOR-OWNED UTILIT	2313	2313	2366	3197	4463	4512	4579	4559	3664	3283	2828	1611	2151	2370
19	TOTAL NONDEDICATED RES	2350	2351	2367	3226	4686	4767	4854	4836	3950	3530	3074	1811	2179	2377

TABLE A-25

NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES															
1	CHELAN COUNTY PUD #1	-39	-40	-39	-39	11	11	12	12	12	12	10	10	-40	-39
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	26	26	26	26	26	6	26	26	26	26	26	26	26	6
5	GRANT COUNTY PUD #2	79	79	76	73	65	65	65	65	73	78	78	81	80	80
6	PEND OREILLE COUNTY PUD #1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7	SEATTLE CITY LIGHT	-109	-109	-159	-178	26	47	47	47	47	13	13	1	-159	-159
8	SNOHOMISH COUNTY PUD #1	-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
9	TACOMA PUBLIC UTILITIES	-47	-47	-30	22	-29	5	5	5	5	4	4	-35	4	3
10	SM & NON GEN PUBLIC (CL+GH)	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
11	TOTAL PUBLIC AGENCIES	-20	-21	-57	-29	166	196	217	219	228	199	198	152	-20	-40
INVESTOR-OWNED UTILITIES															
12	IDAHO POWER COMPANY	368	368	293	293	293	243	243	243	293	293	293	242	293	368
13	MONTANA POWER CO. REGIONAL	63	63	52	55	58	54	54	51	53	148	143	53	14	63
14	PACIFIC POWER & LIGHT	-558	-558	-466	-411	-370	-336	-365	-381	-408	-430	-430	-528	-520	-552
15	PORTLAND GENERAL ELECTRIC	1096	1096	1097	1325	1447	1510	1509	1508	1365	1366	915	497	990	1007
16	PUGET SOUND POWER & LIGHT	1104	1104	1151	1752	2486	2489	2489	2487	1754	1359	1359	860	1026	1104
17	WASHINGTON WATER POWER	291	291	292	292	675	674	674	675	636	484	484	353	205	259
18	TOTAL INVESTOR-OWNED UTILIT	2364	2364	2419	3306	4589	4634	4604	4583	3693	3220	2764	1477	2008	2249
19	TOTAL NONDEDICATED RES	2344	2343	2362	3277	4755	4830	4821	4802	3921	3419	2962	1629	1988	2209

TABLE A-25

NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUBLIC AGENCIES															
1	CHELAN COUNTY PUD #1	-39	-39	-39	-39	11	11	11	12	12	12	10	10	-40	-39
2	COWLITZ COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	DOUGLAS COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	EUGENE WATER & ELEC BOARD	26	26	26	26	26	6	26	26	26	26	26	26	26	6
5	GRANT COUNTY PUD #2	79	79	76	73	65	65	65	65	73	78	78	81	80	80
6	PEND OREILLE COUNTY PUD #1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
7	SEATTLE CITY LIGHT	-59	-59	-59	-28	26	47	47	47	47	13	13	1	-59	-59
8	SNOHOMISH COUNTY PUD #1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	TACOMA PUBLIC UTILITIES	-3	-3	-36	-35	-35	-2	39	39	39	39	39	1	39	38
10	SM & NON GEN PUBLIC (CL+GH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	TOTAL PUBLIC AGENCIES	80	80	43	72	169	203	263	264	272	243	242	194	121	101
INVESTOR-OWNED UTILITIES															
12	IDAHO POWER COMPANY	368	368	293	293	293	243	243	243	293	293	293	242	293	368
13	MONTANA POWER CO. REGIONAL	76	76	66	69	71	68	67	64	67	164	157	68	14	77
14	PACIFIC POWER & LIGHT	-470	-470	-375	-322	-281	-249	-179	-194	-221	-242	-242	-340	-334	-366
15	PORTLAND GENERAL ELECTRIC	1006	1006	1007	1235	1357	1360	1359	1358	1275	1276	825	407	900	1007
16	PUGET SOUND POWER & LIGHT	528	528	610	910	2235	2235	2235	2235	1210	1116	1116	583	750	528
17	WASHINGTON WATER POWER	296	296	296	295	677	678	677	678	637	489	489	399	250	296
18	TOTAL INVESTOR-OWNED UTILIT	1804	1804	1897	2480	4352	4335	4402	4384	3261	3096	2638	1359	1873	1910
19	TOTAL NONDEDICATED RES	1884	1884	1940	2552	4521	4538	4665	4648	3533	3339	2880	1553	1994	2011

TABLE A-26

FEDERAL RESOURCE OPTIONS

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552														
1 BPA TO BURBANK, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO GLENDALE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA TO PASADENA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO MSR, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA TO SCE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 FED CONTRACTS 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
7 BURBANK TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GLENDALE TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASADEDA TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 FED EXCHANGE NRG FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	230	230	273	273	0	0	0	0
19 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	230	230	273	273	0	0	0	0
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552														
20 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	0	0	0	0	0	0	230	230	273	273	0	0	0	0
23 CANADIAN NON-TREATY STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL RESOURCE OPTIONS	0	0	0	0	0	0	230	230	273	273	0	0	0	0

TABLE A-26

FEDERAL RESOURCE OPTIONS

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552														
1 BPA TO BURBANK, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO GLENDALE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA TO PASADENA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO MSR, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA TO SCE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 FED CONTRACTS 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
7 BURBANK TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GLENDALE TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASADEDA TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 FED EXCHANGE NRG FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552														
20 BPA TO PSP&L, PWR SALE	0	0	0	300	300	300	300	300	300	0	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	300	300	300	300	300	300	0	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	0	0	0	300	300	300	300	300	300	0	0	0	0	0
23 CANADIAN NON-TREATY STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL RESOURCE OPTIONS	0	0	0	300	300	300	300	300	300	0	0	0	0	0

TABLE A-26

FEDERAL RESOURCE OPTIONS

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SURPLUS POWER SALES SUBJECT TO 60-DAY RECALL UNDER PUBLIC LAW 88-552														
1 BPA TO BURBANK, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO GLENDALE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 BPA TO PASADENA, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO MSR, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA TO SCE, POWER SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 FED CONTRACTS 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXCHANGE ENERGY FROM PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
7 BURBANK TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 GLENDALE TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PASADEDA TO BPA, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 MSR TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 FED EXCHANGE NRG FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OPTIONAL PURCHASE RIGHTS IN PSW CAPACITY/ENERGY EXCHANGES FROM TERMINATED PSW SURPLUS POWER SALES														
13 BURBANK TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 GLENDALE TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PASADENA TO BPA, SUPPLM NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SUPPLEMENTAL ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS POWER SALES SUBJECT TO 5-YEAR RECALL UNDER PUBLIC LAW 75-329 AND PUBLIC LAW 88-552														
20 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 FED CONTRACTS 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL RECALLABLE RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 CANADIAN NON-TREATY STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL RESOURCE OPTIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
2 BPA TO SNOH, SP PURCHASE		5	5	5	6	8	10	10	8	8	7	7	6	5	5
PRIORITY FIRM PURCHASES															
3 GEN PUB PURCHASE, PF RATE		1242	1210	1329	1736	2053	2317	2384	2490	2140	2134	2126	1650	1344	1212
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
4 TOTAL GEN PUBLIC PURCHASE		1242	1210	1329	1736	2053	2317	2384	2490	2140	2134	2126	1650	1344	1212
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS															
BILLING CREDITS															
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS															
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		4180	4180	4181	4767	5288	5703	6022	5665	5368	5147	5147	4761	4409	4438
PARTNERSHIP PURCHASES															
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES															
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
14 BPA TO S&NG, SP PURCH		1	1	1	1	2	2	2	2	2	1	1	1	1	1
PRIORITY FIRM PURCHASES															
15 NON GEN PUB PURCH, PF RATE		4179	4179	4180	4766	5287	5701	6020	5664	5367	5146	5146	4760	4408	4437
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		6	6	6	7	9	12	12	10	9	8	8	7	6	6

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

1999- 0 OPERATING YEAR

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
2 BPA TO SNOH, SP PURCHASE		5	5	5	6	8	10	10	8	8	7	7	6	5	5
PRIORITY FIRM PURCHASES															
3 GEN PUB PURCHASE, PF RATE		1545	1492	1574	1989	2366	2629	2682	2825	2422	2320	2404	1956	1611	1450
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
4 TOTAL GEN PUBLIC PURCHASE		1545	1492	1574	1989	2366	2629	2682	2825	2422	2320	2404	1956	1611	1450
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS															
BILLING CREDITS															
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS															
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		4332	4332	4361	4962	5456	5857	6185	5839	5550	5304	5327	4936	4561	4593
PARTNERSHIP PURCHASES															
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES															
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
14 BPA TO S&NG, SP PURCH		1	1	1	1	2	2	2	2	2	1	1	1	1	1
PRIORITY FIRM PURCHASES															
15 NON GEN PUB PURCH, PF RATE		4331	4331	4360	4961	5455	5855	6183	5837	5549	5303	5326	4935	4560	4592
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		6	6	6	7	9	12	12	10	9	8	8	7	6	6

TABLE A-27

PURCHASES FROM THE BPA SYSTEM BY RATE CLASS

M E D I U M L O A D S

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 DIAMOND W. P., EWEB	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
2 BPA TO SNOH, SP PURCHASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES															
3 GEN PUB PURCHASE, PF RATE		1857	1807	1849	2283	2673	2964	3016	3171	2756	2755	2654	2297	1913	1758
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
4 TOTAL GEN PUBLIC PURCHASE		1857	1807	1849	2283	2673	2964	3016	3171	2756	2755	2654	2297	1913	1758
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
RESOURCE ACQUISITIONS REFLECTED AS LOAD REDUCTIONS															
BILLING CREDITS															
5 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMPETITIVE ACQUISITIONS															
7 CONSERVATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL ACQIS AS A LOAD SUBTR		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL NON GEN PUB PURCHASE		4725	4725	4826	5467	5924	6306	6653	6322	6041	5819	5796	5385	4985	4976
PARTNERSHIP PURCHASES															
11 ELECTRIC VENTURES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES															
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURPLUS FIRM PURCHASES															
14 BPA TO S&NG, SP PURCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES															
15 NON GEN PUB PURCH, PF RATE		4725	4725	4826	5467	5924	6306	6653	6322	6041	5819	5796	5385	4985	4976
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL SURPLUS FIRM PURCHASE		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BONEVILLE POWER ADMINISTRATION														
1A FEDERAL AGENCIES	0	0	0	0	4	5	4	4	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	4	5	4	4	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	27	29	31	29	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	196	196	202	192	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	8	8	9	8	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	72	78	81	81	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	69	75	78	78	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	276	283	292	281	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	169	192	196	194	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	20	22	22	22	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	442	477	510	456	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	593	674	699	687	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	188	189	197	188	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	950	1019	1073	1013	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	267	296	290	302	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	194	207	206	203	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	229	246	265	260	0	0	0	0	0	0
20 TOTAL	0	0	0	0	3704	3996	4155	3998	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT														
21 FEDERAL SYSTEM	0	0	0	0	4	5	4	4	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	1991	2119	2189	2116	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	1709	1872	1962	1878	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	3704	3996	4155	3998	0	0	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BONEVILLE POWER ADMINISTRATION														
1A FEDERAL AGENCIES	0	0	0	0	4	5	4	5	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	4	5	4	5	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	31	33	35	34	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	209	208	213	203	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	10	11	12	11	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	78	84	86	86	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	76	81	86	86	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	288	296	304	293	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	180	205	207	207	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	21	22	23	22	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	453	490	524	467	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	655	744	764	750	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	189	189	198	189	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	1002	1069	1124	1066	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	293	322	311	326	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	207	220	216	214	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	229	247	265	260	0	0	0	0	0	0
20 TOTAL	0	0	0	0	3925	4226	4372	4219	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT														
21 FEDERAL SYSTEM	0	0	0	0	4	5	4	5	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	2116	2239	2304	2237	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	1805	1982	2064	1977	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	3925	4226	4372	4219	0	0	0	0	0	0

TABLE A-28

EXTREME WEATHER ADJUSTMENT
1994 BPA LOAD FORECAST

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
BONEVILLE POWER ADMINISTRATION														
1A FEDERAL AGENCIES	0	0	0	0	4	5	5	5	0	0	0	0	0	0
1B FEDERAL + GEN PUB LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1C USBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1D DSI ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1E DSI NON-ALUMINUM FIRM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1F DSI FIRM LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 TOTAL BPA NON-ULITY LOADS	0	0	0	0	4	5	5	5	0	0	0	0	0	0
2 CHELAN COUNTY PUD #1	0	0	0	0	34	37	39	37	0	0	0	0	0	0
3 COLOCKUM TRANSMISSION CO.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLITZ COUNTY PUD #1	0	0	0	0	214	211	216	207	0	0	0	0	0	0
5 DOUGLAS COUNTY PUD #1	0	0	0	0	13	13	15	13	0	0	0	0	0	0
6 EUGENE WATER & ELEC BOARD	0	0	0	0	82	88	91	91	0	0	0	0	0	0
7 GRANT COUNTY PUD #2	0	0	0	0	82	87	90	90	0	0	0	0	0	0
8 IDAHO POWER COMPANY	0	0	0	0	299	307	316	308	0	0	0	0	0	0
9 MONTANA POWER CO. REGIONAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PACIFIC POWER & LIGHT	0	0	0	0	197	224	226	226	0	0	0	0	0	0
11 PEND OREILLE COUNTY PUD #1	0	0	0	0	21	23	23	23	0	0	0	0	0	0
12 PORTLAND GENERAL ELECTRIC	0	0	0	0	475	514	551	491	0	0	0	0	0	0
13 PUGET SOUND POWER & LIGHT	0	0	0	0	703	799	822	808	0	0	0	0	0	0
14 SEATTLE CITY LIGHT	0	0	0	0	192	191	199	192	0	0	0	0	0	0
15 SMALL & NON GEN PUBLICS	0	0	0	0	1065	1129	1187	1132	0	0	0	0	0	0
16 SNOHOMISH COUNTY PUD #1	0	0	0	0	328	359	347	365	0	0	0	0	0	0
17 TACOMA PUBLIC UTILITIES	0	0	0	0	217	229	226	225	0	0	0	0	0	0
18 UTAH POWER & LIGHT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 WASHINGTON WATER POWER	0	0	0	0	229	248	266	261	0	0	0	0	0	0
20 TOTAL	0	0	0	0	4155	4464	4619	4474	0	0	0	0	0	0
REGIONAL EXTREME WEATHER ADJUSTMENT														
21 FEDERAL SYSTEM	0	0	0	0	4	5	5	5	0	0	0	0	0	0
22 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	2248	2367	2433	2375	0	0	0	0	0	0
23 INVESTOR-OWNED UTILITIES	0	0	0	0	1903	2092	2181	2094	0	0	0	0	0	0
24 REGIONAL FIRM LOADS	0	0	0	0	4155	4464	4619	4474	0	0	0	0	0	0

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SECTION XVI - DEDICATED AND NONDEDICATED RESOURCES FOR OYs 1995-96, 1999-2000, AND 2004-05)

Monthly Capacity Analysis

Section XVI: Dedicated and Nondedicated Resources (for OYs 1995-96, 1999-2000, and 2004-05)	Table	Page
Private Utilities		
Idaho Power Company	D-1	TA-1-660
Montana Power Company	D-2	TA-1-666
Pacific Power and Light Company	D-3	TA-1-672
Portland General Electric Company	D-4	TA-1-678
Puget Sound Power and Light Company	D-5	TA-1-684
Washington Water Power Company	D-6	TA-1-690
Public Agencies		
Chelan County PUD #1	D-7	TA-1-696
Cowlitz County PUD #1	D-8	TA-1-702
Douglas County PUD #1	D-9	TA-1-705
Eugene Water and Electric Board	D-10	TA-1-708
Grant County PUD #2	D-11	TA-1-714
Pend Oreille County PUD #1	D-12	TA-1-720
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Tacoma Public Utilities	D-15	TA-1-732
Small and Nongenerating Public Agencies	D-16	TA-1-738

TABLE D-1

SHEET 1 OF 2

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IDAHO POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	81	55	37	12	9	20	0	0	31	51	64	53	77	79
4 BLISS	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5 LOWER SALMON	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
6 UPPER SALMON 1&2	5B1A	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7 UPPER SALMON 3&4	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26
10 TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0
11 MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0
12 CASCADE	5B1A	14	10	6	6	0	0	5	0	0	0	0	0	0	11
REGULATED HYDRO															
13 HELLS CANYON	5B1A	217	217	432	377	253	265	450	369	358	322	366	450	244	360
14 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15 BROWNLEE	5B1A	675	675	675	659	675	675	675	675	675	675	675	675	675	675
16 TOTAL HYDRO		1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
LARGE THERMAL															
17 JIM BRIDGER SHARE	5B1A	693	693	693	693	692	693	693	520	346	346	520	693	693	693
18 TOTAL THERMAL		693	693	693	693	692	693	693	520	346	346	520	693	693	693
OTHER RESOURCES															
19 WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 NON-UTILITY GENERATION	5B1B	128	128	107	76	63	44	61	59	72	103	103	131	149	146
21 TOTAL OTHER RESOURCES		128	128	107	76	63	44	61	59	72	103	103	131	149	146
EXPORTS															
22 IDA TO SIERRA PAC,SLE1,	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
23 IDA TO SIERRA PAC,SLE2,	5B1A	-78	-78	-78	-52	-52	-78	-78	-78	-78	-78	-78	-78	-78	-78
24 IDA TO UAMPS, SALE,	5B1A	-76	-76	-66	-66	-62	-76	-76	-67	-50	-47	-47	-62	-70	-76
25 IDA TO AZUSA, BANN,CLT,	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
26 IDA TO CTY OF WASH, UT,	5B1A	-5	-5	-4	-5	-6	-6	-7	-6	-6	-3	-3	-5	-4	-5
27 TOTAL EXPORTS		-182	-182	-171	-146	-143	-183	-184	-174	-157	-151	-151	-168	-175	-182
IMPORTS															
CONTRACTS OUT															
28 IDA TO ORE TRAIL, SALE,	5B1B	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	0
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL DEDICATED RESOURCES														
29 ACQUIRED PRIOR TO ACT, 5B1A	2043	2014	2223	2151	2052	2033	2199	1947	1811	1787	2018	2244	2051	2172
30 ACQUIRED, POST ACT, 5B1B	117	117	96	65	65	43	58	55	71	92	92	120	138	146
31 TOTAL DEDICATED RESOURCES	2160	2131	2319	2216	2117	2076	2257	2002	1882	1879	2110	2364	2189	2318
NONDEDICATED RESOURCES														
32 LG THRM, VALMY	242	242	242	242	242	242	242	242	242	242	242	242	242	242
33 LG THRM, BOARDMAN SHARE	51	51	51	51	51	51	51	51	51	51	51	0	51	51
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0
36 C.O.: IPC TO MPC, SALE	-25	-25	-25	-75	-75	-75	-75	-75	-75	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	343	343	268	218	218	168	168	168	218	293	293	242	293	368
41 TOTAL RESOURCES	2503	2474	2587	2434	2335	2244	2425	2170	2100	2172	2403	2606	2482	2686

TABLE D-1

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IDAHO POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	81	55	37	12	9	20	0	0	31	51	64	53	77	79
4 BLISS	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5 LOWER SALMON	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
6 UPPER SALMON 1&2	5B1A	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7 UPPER SALMON 3&4	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26
10 TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0
11 MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0
12 CASCADE	5B1A	14	10	6	6	0	0	5	0	0	0	0	0	0	11
REGULATED HYDRO															
13 HELLS CANYON	5B1A	217	217	432	377	253	265	450	369	358	322	366	450	244	360
14 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15 BROWNLEE	5B1A	675	675	675	659	675	675	675	675	675	675	675	675	675	675
16 TOTAL HYDRO		1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
LARGE THERMAL															
17 JIM BRIDGER SHARE	5B1A	693	693	693	692	693	693	693	693	519	346	520	693	693	693
18 TOTAL THERMAL		693	693	693	692	693	693	693	693	519	346	520	693	693	693
OTHER RESOURCES															
19 WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 NON-UTILITY GENERATION	5B1B	137	137	118	87	73	53	53	58	72	104	103	131	149	146
21 TOTAL OTHER RESOURCES		137	137	118	87	73	53	53	58	72	104	103	131	149	146
EXPORTS															
22 IDA TO SIERRA PAC,SLE1,	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	0
23 IDA TO SIERRA PAC,SLE2,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 IDA TO UAMPS, SALE,	5B1A	-76	-76	-72	-61	-69	-76	-76	-70	-54	-50	-50	-68	-75	-76
25 IDA TO AZUSA, BANN,CLT,	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
26 IDA TO CTY OF WASH, UT,	5B1A	-6	-6	-5	-6	-7	-7	-8	-7	-7	-3	-3	-6	-5	-6
27 TOTAL EXPORTS		-105	-105	-100	-90	-99	-106	-107	-100	-84	-76	-76	-97	-103	-89
IMPORTS															
CONTRACTS OUT															
28 IDA TO ORE TRAIL, SALE,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL DEDICATED RESOURCES														
29 ACQUIRED PRIOR TO ACT, 5B1A	2120	2091	2294	2206	2097	2110	2276	2194	2057	1862	2093	2315	2123	2265
30 ACQUIRED, POST ACT, 5B1B	137	137	118	87	86	63	61	65	82	104	103	131	149	146
31 TOTAL DEDICATED RESOURCES	2257	2228	2412	2293	2183	2173	2337	2259	2139	1966	2196	2446	2272	2411
NONDEDICATED RESOURCES														
32 LG THRM, VALMY	242	242	242	242	242	242	242	242	242	242	242	242	242	242
33 LG THRM, BOARDMAN SHARE	51	51	51	51	51	51	51	51	51	51	51	0	51	51
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0
36 C.O.: IPC TO MPC, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	368	368	293	293	293	243	243	243	293	293	293	242	293	368
41 TOTAL RESOURCES	2625	2596	2705	2586	2476	2416	2580	2502	2432	2259	2489	2688	2565	2779

TABLE D-1

SHEET 1 OF 2

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IDAHO POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	14	14	17	17	20	19	19	19	19	15	15	15	14	13
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	81	55	37	12	9	20	0	0	31	51	64	53	77	79
4 BLISS	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
5 LOWER SALMON	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
6 UPPER SALMON 1&2	5B1A	19	19	19	19	19	19	19	19	19	19	19	19	19	19
7 UPPER SALMON 3&4	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	27	28	28	30	31	31	30	30	27	28	28	27	26	26
10 TWIN FALLS	5B1A	7	7	9	6	18	16	14	11	15	4	4	2	0	0
11 MILMER	5B1B	0	0	0	0	13	10	8	7	10	0	0	0	0	0
12 CASCADE	5B1A	14	10	6	6	0	0	5	0	0	0	0	0	0	11
REGULATED HYDRO															
13 HELLS CANYON	5B1A	217	217	432	377	253	265	450	369	358	322	366	450	244	360
14 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
15 BROWNLEE	5B1A	675	675	675	659	675	675	675	675	675	675	675	675	675	675
16 TOTAL HYDRO		1532	1503	1701	1604	1516	1533	1698	1608	1632	1592	1649	1719	1533	1661
LARGE THERMAL															
17 JIM BRIDGER SHARE	5B1A	693	693	692	693	693	692	692	692	519	693	693	693	693	693
18 TOTAL THERMAL		693	693	692	693	693	692	692	692	519	693	693	693	693	693
OTHER RESOURCES															
19 WOOD RIVER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 NON-UTILITY GENERATION	5B1B	137	137	118	87	73	53	53	58	72	103	103	131	149	146
21 TOTAL OTHER RESOURCES		137	137	118	87	73	53	53	58	72	103	103	131	149	146
EXPORTS															
22 IDA TO SIERRA PAC,SLE1,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 IDA TO SIERRA PAC,SLE2,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 IDA TO UAMPS, SALE,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 IDA TO AZUSA, BANN,CLT,	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
26 IDA TO CTY OF WASH, UT,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL EXPORTS		-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
IMPORTS															
CONTRACTS OUT															
28 IDA TO ORE TRAIL, SALE,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TOTAL DEDICATED RESOURCES														
29 ACQUIRED PRIOR TO ACT, 5B1A	2218	2189	2386	2290	2189	2208	2375	2286	2134	2278	2335	2405	2219	2347
30 ACQUIRED, POST ACT, 5B1B	137	137	118	87	86	63	61	65	82	103	103	131	149	146
31 TOTAL DEDICATED RESOURCES	2355	2326	2504	2377	2275	2271	2436	2351	2216	2381	2438	2536	2368	2493
NONDEDICATED RESOURCES														
32 LG THRM, VALMY	242	242	242	242	242	242	242	242	242	242	242	242	242	242
33 LG THRM, BOARDMAN SHARE	51	51	51	51	51	51	51	51	51	51	51	0	51	51
34 C.O.: IPC TO SCL, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O.: IPC TO MPC, C/N XCHG	0	0	0	0	0	-50	-50	-50	0	0	0	0	0	0
36 C.O.: IPC TO MPC, SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 C.I.: SCL TO IPC, NRG SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I.: MPC TO IPC, C/N XCHG	75	75	0	0	0	0	0	0	0	0	0	0	0	75
39 ENERGY MANAG SYS ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 TOTAL NONDEDICATED RES	368	368	293	293	293	243	243	243	293	293	293	242	293	368
41 TOTAL RESOURCES	2723	2694	2797	2670	2568	2514	2679	2594	2509	2674	2731	2778	2661	2861

TABLE D-2

SHEET 1 OF 2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
MONTANA POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	3	3	1	2	2	2	1	0	1	1	0	0	0	4
2 BLACK EAGLE	5B1A	4	4	2	2	3	3	2	2	2	3	3	2	4	6
3 HOLTER	5B1A	9	9	9	6	6	6	7	6	5	9	8	6	10	11
4 HAUSER	5B1A	4	4	3	2	3	3	3	2	2	3	3	3	3	5
5 MILLTOWN & FLINTCREEK	5B1A	1	1	1	1	1	0	0	0	0	1	1	1	1	1
6 MADISON	5B1A	2	2	1	1	2	1	1	1	1	1	1	1	2	3
7 RAINBOW	5B1A	6	6	6	5	5	5	5	4	4	6	5	6	6	9
8 COCHRANE	5B1A	13	13	9	4	6	6	5	4	5	7	6	9	12	15
9 RYAN	5B1A	15	15	10	8	11	10	9	7	8	11	9	11	12	18
10 MORONY	5B1A	12	12	8	5	7	7	7	4	6	8	7	8	9	15
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO															
12 KERR	5B1A	37	37	25	23	27	24	22	18	18	25	23	26	30	45
13 THOMPSON FALLS	5B1A	10	10	7	6	7	7	12	11	11	15	13	15	17	26
14 TOTAL HYDRO		116	116	82	65	80	74	74	59	63	90	79	88	106	158
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	78	78	54	49	58	53	47	39	41	29	51	29	64	96
16 COLSTRIP 3 SHARE	5B1B	53	53	37	33	40	36	32	27	28	40	35	39	44	66
17 TOTAL THERMAL		131	131	91	82	98	89	79	66	69	69	86	68	108	162
OTHER RESOURCES															
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GEN	5B1B	26	26	18	17	20	18	16	13	14	20	18	20	22	33
20 TOTAL OTHER RESOURCES		26	26	18	17	20	18	16	13	14	20	18	20	22	33
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75
22 MPC TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL CONTRACTS OUT		-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN														
25 IDA TO MPC SEA PWR XCH 5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0
26 IDA TO MPC, PWR SALE 5B1B	25	25	25	75	75	75	75	75	75	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL 5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	0
28 BPA TO MPC,C/N XCHG 5B1A	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29 TOTAL CONTRACTS IN7731 7734	180	180	180	180	180	180	180	180	180	180	180	180	180	100
TOTAL DEDICATED RESOURCES														
30 ACQUIRED PRIOR TO ACT, 5B1A	294	294	237	213	238	227	220	198	204	219	230	217	270	355
31 ACQUIRED, POST ACT, 5B1B	109	109	160	205	215	259	253	245	197	140	133	139	146	24
32 TOTAL DEDICATED RESOURCES	403	403	397	418	453	486	473	443	401	359	363	356	416	379
NONDEDICATED RESOURCES														
33 REG HYDRO, KERR	2	2	2	1	2	2	1	1	1	2	1	2	2	3
34 LG THRM, COL4 50% SLD TO LA	216	216	216	216	216	216	216	216	216	216	216	216	216	216
35 EXP: MPC TO LA, PWR SALE	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111
36 SM TH & MISC, CORRETTE	39	39	27	24	29	26	23	19	20	29	26	29	0	49
37 C.O.: MPC TO BPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE	-10	-10	-10	-10	-10	-10	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S	-94	-94	-94	-94	-94	-94	-94	-94	-94	0	0	-94	-94	-94
40 C.O.: MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES	42	42	30	26	32	29	35	31	32	136	132	42	13	63
42 TOTAL RESOURCES	445	445	427	444	485	515	508	474	433	495	495	398	429	442

TABLE D-2

SHEET 1 OF 2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
MONTANA POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	3	3	1	3	3	3	1	1	1	1	1	0	0	4
2 BLACK EAGLE	5B1A	6	6	3	4	5	5	4	3	5	4	4	3	5	6
3 HOLTER	5B1A	11	11	12	10	10	9	13	11	10	12	11	9	14	11
4 HAUSER	5B1A	5	5	4	4	5	5	4	4	4	4	4	4	4	5
5 MILLTOWN & FLINTCREEK	5B1A	1	1	1	1	1	1	1	0	1	1	1	1	1	1
6 MADISON	5B1A	2	2	2	2	2	2	2	2	2	1	1	2	2	3
7 RAINBOW	5B1A	8	8	9	9	8	8	9	8	8	9	8	8	8	9
8 COCHRANE	5B1A	16	16	13	7	9	9	8	8	10	10	9	12	15	15
9 RYAN	5B1A	18	18	15	13	16	16	16	14	15	15	13	15	16	18
10 MORONY	5B1A	15	15	11	8	11	10	12	9	11	12	10	11	12	15
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO															
12 KERR	5B1A	46	46	37	39	41	38	38	34	35	36	31	36	40	46
13 THOMPSON FALLS	5B1A	12	12	10	11	11	11	22	20	21	22	18	21	23	26
14 TOTAL HYDRO		143	143	118	111	122	117	130	114	123	127	111	122	140	159
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	97	97	77	83	88	82	82	76	79	41	72	39	85	97
16 COLSTRIP 3 SHARE	5B1B	66	66	53	57	60	57	56	52	54	56	49	54	58	66
17 TOTAL THERMAL		163	163	130	140	148	139	138	128	133	97	121	93	143	163
OTHER RESOURCES															
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	17	16	15	14	0	0	0	0	0	0
19 NON-UTILITY GEN	5B1B	32	32	26	28	30	28	28	25	27	28	25	27	30	33
20 TOTAL OTHER RESOURCES		32	32	26	28	47	44	43	39	27	28	25	27	30	33
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75
22 MPC TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL CONTRACTS OUT		-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
25 IDA TO MPC SEA PWR XCH	5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0
26 IDA TO MPC, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA TO MPC,C/N XCHG	5B1A	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29 TOTAL CONTRACTS IN	7731 7734	100	100	100	100	100	100	100	100	100	100	100	100	100	100
TOTAL DEDICATED RESOURCES															
30 ACQUIRED PRIOR TO ACT,	5B1A	340	340	295	293	310	299	311	289	302	267	283	261	326	356
31 ACQUIRED, POST ACT,	5B1B	23	23	79	85	107	151	149	141	81	84	74	81	88	24
32 TOTAL DEDICATED RESOURCES		363	363	374	378	417	450	460	430	383	351	357	342	414	380
NONDEDICATED RESOURCES															
33 REG HYDRO, KERR		3	3	2	2	3	2	2	2	2	2	2	2	3	3
34 LG THRM, COL4 50% SLD TO LA		216	216	216	216	216	216	216	216	216	216	216	216	216	216
35 EXP: MPC TO LA, PWR SALE		-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111
36 SM TH & MISC, CORRETTE		49	49	39	42	44	41	41	38	40	41	36	40	0	49
37 C.O.: MPC TO BPA, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S		-94	-94	-94	-94	-94	-94	-94	-94	-94	0	0	-94	-94	-94
40 C.O.: MPC TO WWP, PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES		63	63	52	55	58	54	54	51	53	148	143	53	14	63
42 TOTAL RESOURCES		426	426	426	433	475	504	514	481	436	499	500	395	428	443

TABLE D-2

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
MONTANA POWER COMPANY DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	4	4	2	4	4	4	2	1	2	1	1	0	0	5
2 BLACK EAGLE	5B1A	7	7	4	5	6	6	6	4	6	6	5	5	7	7
3 HOLTER	5B1A	14	14	16	13	12	12	16	14	13	17	15	12	18	14
4 HAUSER	5B1A	6	6	6	5	6	6	6	5	6	6	5	6	6	7
5 MILLTOWN & FLINTCREEK	5B1A	2	2	1	1	1	1	1	1	0	1	1	1	2	2
6 MADISON	5B1A	3	3	3	3	3	3	3	2	3	1	1	3	3	3
7 RAINBOW	5B1A	10	10	11	12	11	11	11	11	11	12	11	11	11	12
8 COCHRANE	5B1A	20	20	18	9	12	12	11	10	13	14	12	16	20	18
9 RYAN	5B1A	23	23	19	17	21	21	20	19	20	21	18	20	21	23
10 MORONY	5B1A	19	19	15	11	13	14	15	11	14	16	14	15	17	18
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REGULATED HYDRO															
12 KERR	5B1A	57	57	49	51	53	49	48	45	46	48	43	49	53	58
13 THOMPSON FALLS	5B1A	15	15	13	14	14	13	28	27	28	30	25	28	30	33
14 TOTAL HYDRO		180	180	157	145	156	152	167	150	162	173	151	166	188	200
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	121	121	103	109	113	108	106	100	105	56	98	54	114	122
16 COLSTRIP 3 SHARE	5B1B	83	83	71	74	77	74	72	68	72	76	67	74	78	84
17 TOTAL THERMAL		204	204	174	183	190	182	178	168	177	132	165	128	192	206
OTHER RESOURCES															
18 BIRD, SMALL THERMAL	5B1B	0	0	0	0	21	20	20	19	0	0	0	0	0	0
19 NON-UTILITY GEN	5B1B	40	40	35	37	38	36	36	34	36	39	34	37	39	42
20 TOTAL OTHER RESOURCES		40	40	35	37	59	56	56	53	36	39	34	37	39	42
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MPC TO ID, SEAS PWR X	5B1B	-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75
22 MPC TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL CONTRACTS OUT		-75	-75	0	0	0	0	0	0	0	0	0	0	0	-75

TABLE D-2 (CONTINUED)

MONTANA POWER COMPANY
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN														
25 IDA TO MPC SEA PWR XCH 5B1B	0	0	0	0	0	50	50	50	0	0	0	0	0	0
26 IDA TO MPC, PWR SALE 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BPA TO MPC,WNP1 OBL 5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA TO MPC,C/N XCHG 5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL CONTRACTS IN7731 7734	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES														
30 ACQUIRED PRIOR TO ACT, 5B1A	302	302	260	253	268	260	273	250	267	229	249	220	301	323
31 ACQUIRED, POST ACT, 5B1B	48	48	106	111	136	180	178	171	108	115	101	111	117	51
32 TOTAL DEDICATED RESOURCES	350	350	366	364	404	440	451	421	375	344	350	331	418	374
NONDEDICATED RESOURCES														
33 REG HYDRO, KERR	4	4	3	3	3	3	3	3	3	3	3	3	3	4
34 LG THRM, COL4 50% SLD TO LA	216	216	216	216	216	216	216	216	216	216	216	216	216	216
35 EXP: MPC TO LA, PWR SALE	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111	-111
36 SM TH & MISC, CORRETTE	61	61	52	55	57	54	53	50	53	56	49	54	0	62
37 C.O.: MPC TO BPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.O.: MPC TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 C.O.: MPC TO PSP&L, PWR S	-94	-94	-94	-94	-94	-94	-94	-94	-94	0	0	-94	-94	-94
40 C.O.: MPC TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 TOTAL NONDEDICATED RES	76	76	66	69	71	68	67	64	67	164	157	68	14	77
42 TOTAL RESOURCES	426	426	432	433	475	508	518	485	442	508	507	399	432	451

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PACIFIC POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 NORTH UMPQUA	5B1A	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2 ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	34	34	34	35	36	36	35	36	36	37	37	36	37	36
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
6 FELT	5B1A	2	2	2	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
7 WELLS DED SHARE	5B1A	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 ROCKY REACH SHARE	5B1A	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	196	173	195	186	169	155	147	152	165	167	168	24	196	196
13 SWIFT 2 SHARE	5B1A	43	43	47	52	52	52	52	52	56	56	50	7	43	43
14 YALE	5B1A	133	133	129	124	124	124	124	124	113	107	123	133	133	133
15 MERWIN	5B1A	148	147	145	143	143	143	143	143	143	147	148	148	147	147
16 TOTAL HYDRO		1295	1271	1287	1276	1258	1272	1251	1269	1274	1275	1287	1108	1305	1291
LARGE THERMAL															
17 CENTRALIA SHARE	5B1A	638	638	638	638	638	638	638	638	638	319	319	638	638	638
18 COLSTRIP 3 SHARE	5B1B	73	73	73	73	73	73	73	73	73	73	73	73	73	73
19 COLSTRIP 4 SHARE	5B1B	72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TOTAL LARGE THERMAL		783	783	783	783	783	783	783	783	783	464	464	783	783	783
OTHER RESOURCES															
21 NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52
22 TOTAL OTHER RESOURCES		51	51	49	48	50	51	34	54	49	54	54	64	53	52
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1363	1363	878	1137	777	1242	1158	1188	1023	960	960	1082	1385	1336
24 TOTAL IMPORTS		1363	1363	878	1137	777	1242	1158	1188	1023	960	960	1082	1385	1336
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-14	-14	-14	-14	-14
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-16	-16	-16	-16	-16	-16	-16	-16	-16	-14	-14	-14	-14	-14

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	57	57	57	57	57	57	57	57	57	49	49	49	49	49
30 SUPPLEMENTAL CAPACITY	5B1A	32	32	32	32	32	32	32	32	32	28	28	28	28	28
31 PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32 BPA TO PP&L,BRDG CAP S	5B1B	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
33 BPA TO PP&L,WNP1 OBLIG	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	0
34 BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 WWP TO PP&L,SANDPOINT	5B1A	4	4	4	4	5	5	0	0	0	0	0	0	0	0
36 TOTAL CONTRACTS IN		1276	1276	1276	1276	1277	1277	1272	1272	1272	1260	1260	1260	1260	1180
TOTAL DEDICATED RESOURCES															
37 ACQUIRED PRIOR TO ACT,	5B1A	3376	3352	2883	3132	2754	3233	3124	3171	3011	2620	2632	2894	3394	3331
38 ACQUIRED, POST ACT,	5B1B	1376	1376	1374	1373	1375	1376	1359	1380	1374	1379	1379	1389	1378	1297
39 TOTAL DEDICATED RESOURCES		4752	4728	4257	4504	4129	4609	4482	4550	4385	3999	4011	4283	4772	4628
NONDEDICATED RESOURCES															
40 M HYDRO, WELLS ND SHARE		5	5	5	5	5	5	5	5	5	5	5	5	5	5
41 EXP: PP&L TO PP&L N.CAL,PS		-15	-15	48	37	25	4	1	25	29	31	31	22	14	-32
42 EXP: PP&L TO PG&E,PWR SALE		-80	-80	-80	-80	-100	-100	0	0	0	0	0	0	0	0
43 EXP: PP&L TO SMUD,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
44 EXP: PP&L TO SCE,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
45 EXP: PP&L TO CA DPT WTR RES		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
46 EXP: PP&L TO WAPA,PWR SALE		-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175
47 C.O.: PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.O.: PP&L TO PSP&L,PS2		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
50 C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34
51 C.I.: GRANT TO PP&L,PS		14	14	14	14	14	14	14	14	14	14	14	14	14	14
52 C.I.: CHL TO PP&L,C/N X		103	103	103	103	103	103	103	103	103	103	103	103	103	103
53 C.I.: MPC TO PP&L, SALE		10	10	10	10	10	10	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PP&L,PS		150	150	150	150	150	150	100	100	100	100	100	100	100	100
21 NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5
55 TOTAL NONDEDICATED RES		-473	-473	-382	-326	-305	-271	-258	-276	-303	-325	-325	-423	-415	-446
56 TOTAL RESOURCES		4279	4255	3875	4178	3824	4338	4224	4274	4082	3674	3686	3860	4357	4182

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PACIFIC POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 NORTH UMPQUA	5B1A	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2 ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	34	34	34	35	36	36	35	36	36	37	37	36	37	36
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
6 FELT	5B1A	2	2	2	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
7 WELLS DED SHARE	5B1A	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 ROCKY REACH SHARE	5B1A	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	196	173	195	186	169	155	147	152	165	167	168	24	196	196
13 SWIFT 2 SHARE	5B1A	43	43	47	52	52	52	52	52	56	56	50	7	43	43
14 YALE	5B1A	133	133	129	124	124	124	124	124	113	107	123	133	133	133
15 MERWIN	5B1A	148	147	145	143	143	143	143	143	143	147	148	148	147	147
16 TOTAL HYDRO		1295	1271	1287	1276	1258	1272	1251	1269	1274	1275	1287	1108	1305	1291
LARGE THERMAL															
17 CENTRALIA SHARE	5B1A	638	638	638	638	638	638	638	638	638	638	319	638	638	638
18 COLSTRIP 3 SHARE	5B1B	73	73	73	73	73	73	73	73	73	73	73	73	73	73
19 COLSTRIP 4 SHARE	5B1B	72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TOTAL LARGE THERMAL		783	783	783	783	783	783	783	783	783	783	464	783	783	783
OTHER RESOURCES															
21 NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52
22 TOTAL OTHER RESOURCES		51	51	49	48	50	51	34	54	49	54	54	64	53	52
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1149	1149	988	928	817	1023	1034	1073	811	853	853	977	1279	1126
24 TOTAL IMPORTS		1149	1149	988	928	817	1023	1034	1073	811	853	853	977	1279	1126
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	20	20	20	20	20	20	20	20	20	19	19	19	19	19
30 SUPPLEMENTAL CAPACITY	5B1A	12	12	12	12	12	12	12	12	12	10	10	10	10	10
31 PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32 BPA TO PP&L,BRDG CAP S	5B1B	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
33 BPA TO PP&L,WNP1 OBLIG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	164	164	164	164	82	82	82	0	0	0
35 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL CONTRACTS IN		1135	1135	1135	1135	1299	1299	1299	1299	1217	1214	1214	1132	1132	1132
TOTAL DEDICATED RESOURCES															
37 ACQUIRED PRIOR TO ACT,	5B1A	3111	3087	2942	2872	2742	2962	2953	3009	2752	2793	2486	2750	3249	3082
38 ACQUIRED, POST ACT,	5B1B	1296	1296	1294	1293	1459	1460	1443	1464	1376	1381	1381	1309	1298	1297
39 TOTAL DEDICATED RESOURCES		4407	4383	4236	4164	4201	4422	4395	4472	4128	4174	3867	4059	4547	4379
NONDEDICATED RESOURCES															
40 M HYDRO, WELLS ND SHARE		5	5	5	5	5	5	5	5	5	5	5	5	5	5
41 EXP: PP&L TO PP&L N.CAL,PS		-20	-20	44	32	20	-1	-6	20	24	26	26	17	9	-38
42 EXP: PP&L TO PG&E,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP: PP&L TO SMUD,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
44 EXP: PP&L TO SCE,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
45 EXP: PP&L TO CA DPT WTR RES		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
46 EXP: PP&L TO WAPA,PWR SALE		-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175
47 C.O.: PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.O.: PP&L TO PSP&L,PS2		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
50 C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34
51 C.I.: GRANT TO PP&L,PS		14	14	14	14	14	14	14	14	14	14	14	14	14	14
52 C.I.: CHL TO PP&L,C/N X		103	103	103	103	103	103	103	103	103	103	103	103	103	103
53 C.I.: MPC TO PP&L, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5
55 TOTAL NONDEDICATED RES		-558	-558	-466	-411	-370	-336	-365	-381	-408	-430	-430	-528	-520	-552
56 TOTAL RESOURCES		3849	3825	3770	3753	3831	4086	4030	4091	3720	3744	3437	3531	4027	3827

TABLE D-3

SHEET 1 OF 2

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PACIFIC POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 NORTH UMPQUA	5B1A	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2 ROGUE	5B1A	30	30	26	27	24	52	41	52	51	51	51	50	39	26
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	34	34	34	35	36	36	35	36	36	37	37	36	37	36
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
6 FELT	5B1A	2	2	2	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
7 WELLS DED SHARE	5B1A	60	60	60	60	60	60	60	60	60	60	60	60	60	60
8 ROCKY REACH SHARE	5B1A	69	69	69	69	69	69	69	69	69	69	69	69	69	69
9 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SWIFT 1 SHARE	5B1A	196	173	195	186	169	155	147	152	165	167	168	24	196	196
13 SWIFT 2 SHARE	5B1A	43	43	47	52	52	52	52	52	56	56	50	7	43	43
14 YALE	5B1A	133	133	129	124	124	124	124	124	113	107	123	133	133	133
15 MERWIN	5B1A	148	147	145	143	143	143	143	143	143	147	148	148	147	147
16 TOTAL HYDRO		1295	1271	1287	1276	1258	1272	1251	1269	1274	1275	1287	1108	1305	1291
LARGE THERMAL															
17 CENTRALIA SHARE	5B1A	638	638	638	638	638	638	638	638	638	319	638	638	638	638
18 COLSTRIP 3 SHARE	5B1B	73	73	73	73	73	73	73	73	73	73	73	73	73	73
19 COLSTRIP 4 SHARE	5B1B	72	72	72	72	72	72	72	72	72	72	72	72	72	72
20 TOTAL LARGE THERMAL		783	783	783	783	783	783	783	783	783	464	783	783	783	783
OTHER RESOURCES															
21 NON-UTILITY GEN	5B1B	51	51	49	48	50	51	34	55	49	54	54	64	53	52
22 TOTAL OTHER RESOURCES		51	51	49	48	50	51	34	54	49	54	54	64	53	52
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1006	1006	534	543	425	874	889	929	770	715	715	1189	1143	976
24 TOTAL IMPORTS		1006	1006	534	543	425	874	889	929	770	715	715	1189	1143	976
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-3 (CONTINUED)

PACIFIC POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PGE TO PP&L,COVE REP	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
32 BPA TO PP&L,BRDG CAP S	5B1B	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
33 BPA TO PP&L,WNP1 OBLIG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 BPA TO PP&L,WNP3 STLE	5B1B	0	0	0	0	164	164	164	164	82	82	82	0	0	0
35 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL CONTRACTS IN		1103	1103	1103	1103	1267	1267	1267	1267	1185	1185	1185	1103	1103	1103
TOTAL DEDICATED RESOURCES															
37 ACQUIRED PRIOR TO ACT,	5B1A	2942	2918	2462	2461	2324	2787	2782	2839	2685	2312	2643	2938	3089	2908
38 ACQUIRED, POST ACT,	5B1B	1296	1296	1294	1293	1459	1460	1443	1464	1376	1381	1381	1309	1298	1297
39 TOTAL DEDICATED RESOURCES		4238	4214	3756	3753	3783	4247	4224	4302	4061	3693	4024	4247	4387	4205
NONDEDICATED RESOURCES															
40 M HYDRO, WELLS ND SHARE		5	5	5	5	5	5	5	5	5	5	5	5	5	5
41 EXP: PP&L TO PP&L N.CAL,PS		-29	-29	37	24	11	-11	-17	10	14	17	17	7	-2	-49
42 EXP: PP&L TO PG&E,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP: PP&L TO SMUD,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
44 EXP: PP&L TO SCE,PWR SALE		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
45 EXP: PP&L TO CA DPT WTR RES		-100	-100	-100	-100	-100	-100	0	0	0	0	0	0	0	0
46 EXP: PP&L TO WAPA,PWR SALE		-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175	-175
47 C.O.: PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.O.: PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO PP&L,SO ID		13	13	42	108	161	215	189	145	117	90	90	0	18	34
51 C.I.: GRANT TO PP&L,PS		14	14	14	14	14	14	14	14	14	14	14	14	14	14
52 C.I.: CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 C.I.: MPC TO PP&L, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 NON-UTILITY GEN	ND	2	2	1	1	2	2	5	7	4	7	7	8	6	5
55 TOTAL NONDEDICATED RES		-470	-470	-375	-322	-281	-249	-179	-194	-221	-242	-242	-340	-334	-366
56 TOTAL RESOURCES		3768	3744	3381	3431	3502	3998	4045	4108	3840	3451	3782	3907	4053	3839

TABLE D-4

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 BULL RUN	5B1A	22	22	22	22	22	22	22	22	22	22	22	22	22	22
2 TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13
REGULATED HYDRO															
3 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
4 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5 OAK GROVE	5B1A	45	45	45	45	45	45	45	45	45	45	45	45	45	45
6 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
7 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
8 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
11 ROCKY REACH SHARE	5B1A	156	156	156	156	156	156	156	156	156	156	156	156	156	156
12 WELLS SHARE	5B1A	191	191	191	191	191	191	191	191	191	191	191	191	191	191
13 TOTAL HYDRO		1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1250
LARGE THERMAL															
14 CENTRALIA SHARE	5B1A	34	34	34	34	34	34	34	34	34	17	17	34	34	34
15 TOTAL THERMAL		34	34	34	34	34	34	34	34	34	17	17	34	34	34
OTHER RESOURCES															
16 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 NON-UTILITY GENERATION	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18 C.T.: BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	0	4
19 C.T.: BEAVER	5B1A	83	83	83	83	83	83	83	83	83	83	0	0	83	83
20 COGEN, COYOTE SPRINGS	5B1B	0	0	237	237	237	237	237	237	237	237	237	237	237	237
21 TOTAL OTHER RESOURCES		94	94	331	331	331	331	331	331	331	331	248	248	326	331
EXPORTS															
IMPORTS															
22 SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	225	225	225	225	0	0	0	0	0	0
CONTRACTS OUT															
23 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 CANADIAN ENTIT (CSPE)	5B1A	-22	-22	-22	-22	-22	-22	-22	-22	-22	-19	-19	-19	-19	-19
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-25	-25	-25	-25	-25	-25	-25	-25	-25	-22	-22	-22	-22	-22

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 CSPE PURCHASE	5B1A	101	101	101	101	101	101	101	101	101	85	85	85	85	85
29 SUPPLEMENTAL CAPACITY	5B1A	44	44	44	44	44	44	44	44	44	38	38	38	38	38
30 TOTAL CONTRACTS IN		145	145	145	145	145	145	145	145	145	123	123	123	123	123
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	1498	1498	1498	1498	1498	1498	1498	1498	1498	1462	1379	1396	1475	1478
32 ACQUIRED, POST ACT,	5B1B	1	1	238	238	463	463	463	463	238	238	238	238	237	238
33 TOTAL DEDICATED RESOURCES		1499	1499	1736	1736	1961	1961	1961	1961	1736	1700	1617	1634	1712	1716
NONDEDICATED RESOURCES															
34 LG THRM, BOARDMAN SHARE		334	334	334	334	334	334	334	334	334	334	334	0	334	334
35 LG THRM, COLSTRIP 3 SHARE		145	145	145	145	145	145	145	145	145	145	145	145	145	145
36 LG THRM, COLSTRIP 4 SHARE		144	144	144	144	144	144	144	144	144	144	144	144	144	144
37 C.T.: BEAVER		451	451	451	451	451	451	451	451	451	451	0	0	451	451
38 C.T.: BETHEL		112	112	112	112	112	112	112	112	112	112	112	112	0	112
39 EXP: PGE TO BURBANK, SALE		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
41 EXP: PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
42 EXP: PGE TO SCE,SEA PWR XCH		-225	-225	-225	0	0	0	0	0	0	0	0	0	-225	-225
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	164	164	164	164	82	82	82	0	0	0
47 C.I.: BPA TO PGE,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	0
48 C.I.: CHEL TO PGE,C/N X		50	50	50	50	0	0	0	0	0	0	0	0	50	50
49 C.I.: WWP TO PGE, CAP SLE		150	150	150	150	150	150	150	150	150	150	150	150	150	150
50 C.I.: BPA TO PGE, CAP SLE		90	90	90	90	90	150	150	150	90	90	90	90	90	90
51 NON-UTILITY GEN		15	15	16	19	27	30	29	28	27	28	28	26	20	16
52 TOTAL NONDEDICATED RES		1176	1176	1177	1405	1527	1590	1589	1588	1445	1446	995	577	1070	1097
53 TOTAL RESOURCES		2675	2675	2913	3141	3488	3551	3550	3549	3181	3146	2612	2211	2782	2813

TABLE D-4

SHEET 1 OF 2

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 BULL RUN	5B1A	22	22	22	22	22	22	22	22	22	22	22	22	22	22
2 TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13
REGULATED HYDRO															
3 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
4 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5 OAK GROVE	5B1A	45	45	45	45	45	45	45	45	45	45	45	45	45	45
6 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
7 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
8 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
11 ROCKY REACH SHARE	5B1A	156	156	156	156	156	156	156	156	156	156	156	156	156	156
12 WELLS SHARE	5B1A	191	191	191	191	191	191	191	191	191	191	191	191	191	191
13 TOTAL HYDRO		1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1250
LARGE THERMAL															
14 CENTRALIA SHARE	5B1A	34	34	34	34	34	34	34	34	34	34	17	34	34	34
15 TOTAL THERMAL		34	34	34	34	34	34	34	34	34	34	17	34	34	34
OTHER RESOURCES															
16 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 NON-UTILITY GENERATION	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18 C.T.: BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	0	4
19 C.T.: BEAVER	5B1A	83	83	83	83	83	83	83	83	83	83	0	0	83	83
20 COGEN, COYOTE SPRINGS	5B1B	237	237	237	237	237	237	237	237	237	237	237	237	237	237
21 TOTAL OTHER RESOURCES		331	331	331	331	331	331	331	331	331	331	248	248	326	331
EXPORTS															
IMPORTS															
22 SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	225	225	225	225	0	0	0	0	0	0
CONTRACTS OUT															
23 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 CANADIAN ENTIT (CSPE)	5B1A	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-11	-11	-11	-11	-11	-11	-11	-11	-11	-9	-9	-9	-9	-9

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 CSPE PURCHASE	5B1A	35	35	35	35	35	35	35	35	35	34	34	34	34	34
29 SUPPLEMENTAL CAPACITY	5B1A	16	16	16	16	16	16	16	16	16	12	12	12	12	12
30 TOTAL CONTRACTS IN		51	51	51	51	51	51	51	51	51	46	46	46	46	46
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	1418	1418	1418	1418	1418	1418	1418	1418	1418	1415	1315	1332	1411	1414
32 ACQUIRED, POST ACT,	5B1B	238	238	238	238	463	463	463	463	238	238	238	238	237	238
33 TOTAL DEDICATED RESOURCES		1656	1656	1656	1656	1881	1881	1881	1881	1656	1653	1553	1570	1648	1652
NONDEDICATED RESOURCES															
34 LG THRM, BOARDMAN SHARE		334	334	334	334	334	334	334	334	334	334	334	0	334	334
35 LG THRM, COLSTRIP 3 SHARE		145	145	145	145	145	145	145	145	145	145	145	145	145	145
36 LG THRM, COLSTRIP 4 SHARE		144	144	144	144	144	144	144	144	144	144	144	144	144	144
37 C.T.: BEAVER		451	451	451	451	451	451	451	451	451	451	0	0	451	451
38 C.T.: BETHEL		112	112	112	112	112	112	112	112	112	112	112	112	0	112
39 EXP: PGE TO BURBANK, SALE		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
41 EXP: PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
42 EXP: PGE TO SCE,SEA PWR XCH		-225	-225	-225	0	0	0	0	0	0	0	0	0	-225	-225
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	164	164	164	164	82	82	82	0	0	0
47 C.I.: BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: CHEL TO PGE,C/N X		50	50	50	50	0	0	0	0	0	0	0	0	50	50
49 C.I.: WWP TO PGE, CAP SLE		150	150	150	150	150	150	150	150	150	150	150	150	150	150
50 C.I.: BPA TO PGE, CAP SLE		90	90	90	90	90	150	150	150	90	90	90	90	90	0
51 NON-UTILITY GEN		15	15	16	19	27	30	29	28	27	28	28	26	20	16
52 TOTAL NONDEDICATED RES		1096	1096	1097	1325	1447	1510	1509	1508	1365	1366	915	497	990	1007
53 TOTAL RESOURCES		2752	2752	2753	2981	3328	3391	3390	3389	3021	3019	2468	2067	2638	2659

TABLE D-4

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PORTLAND GENERAL ELECTRIC DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 BULL RUN	5B1A	22	22	22	22	22	22	22	22	22	22	22	22	22	22
2 TW SULLIVAN	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	13
REGULATED HYDRO															
3 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
4 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
5 OAK GROVE	5B1A	45	45	45	45	45	45	45	45	45	45	45	45	45	45
6 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
7 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
8 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
11 ROCKY REACH SHARE	5B1A	156	156	156	156	156	156	156	156	156	156	156	156	156	156
12 WELLS SHARE	5B1A	191	191	191	191	191	191	191	191	191	191	191	191	191	191
13 TOTAL HYDRO		1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1251	1250
LARGE THERMAL															
14 CENTRALIA SHARE	5B1A	34	34	34	34	34	34	34	34	34	17	34	34	34	34
15 TOTAL THERMAL		34	34	34	34	34	34	34	34	34	17	34	34	34	34
OTHER RESOURCES															
16 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 NON-UTILITY GENERATION	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18 C.T.: BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	0	4
19 C.T.: BEAVER	5B1A	83	83	83	83	83	83	83	83	83	83	0	0	83	83
20 COGEN, COYOTE SPRINGS	5B1B	237	237	237	237	237	237	237	237	237	237	237	237	237	237
21 TOTAL OTHER RESOURCES		331	331	331	331	331	331	331	331	331	331	248	248	326	331
EXPORTS															
IMPORTS															
22 SCE TO PGE,SEA PWR XCH	5B1B	0	0	0	0	225	225	225	225	0	0	0	0	0	0
CONTRACTS OUT															
23 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3

TABLE D-4 (CONTINUED)

PORTLAND GENERAL ELECTRIC
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
28 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	1375	1375	1375	1375	1375	1375	1375	1375	1375	1358	1292	1292	1371	1374
32 ACQUIRED, POST ACT,	5B1B	238	238	238	238	463	463	463	463	238	238	238	238	237	238
33 TOTAL DEDICATED RESOURCES		1613	1613	1613	1613	1838	1838	1838	1838	1613	1596	1530	1530	1608	1612
NONDEDICATED RESOURCES															
34 LG THRM, BOARDMAN SHARE		334	334	334	334	334	334	334	334	334	334	334	0	334	334
35 LG THRM, COLSTRIP 3 SHARE		145	145	145	145	145	145	145	145	145	145	145	145	145	145
36 LG THRM, COLSTRIP 4 SHARE		144	144	144	144	144	144	144	144	144	144	144	144	144	144
37 C.T.: BEAVER		451	451	451	451	451	451	451	451	451	451	0	0	451	451
38 C.T.: BETHEL		112	112	112	112	112	112	112	112	112	112	112	112	0	112
39 EXP: PGE TO BURBANK, SALE		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
40 EXP: PGE TO GLENDALE, SALE		-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
41 EXP: PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
42 EXP: PGE TO SCE,SEA PWR XCH		-225	-225	-225	0	0	0	0	0	0	0	0	0	-225	-225
43 EXP: PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
44 C.O.: PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PGE,WNP3 S		0	0	0	0	164	164	164	164	82	82	82	0	0	0
47 C.I.: BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: CHEL TO PGE,C/N X		50	50	50	50	0	0	0	0	0	0	0	0	50	50
49 C.I.: WWP TO PGE, CAP SLE		150	150	150	150	150	150	150	150	150	150	150	150	150	150
50 C.I.: BPA TO PGE, CAP SLE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 NON-UTILITY GEN		15	15	16	19	27	30	29	28	27	28	28	26	20	16
52 TOTAL NONDEDICATED RES		1006	1006	1007	1235	1357	1360	1359	1358	1275	1276	825	407	900	1007
53 TOTAL RESOURCES		2619	2619	2620	2848	3195	3198	3197	3196	2888	2872	2355	1937	2508	2619

TABLE D-5

SHEET 1 OF 2

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
REGULATED HYDRO															
2 WHITE	5B1A	64	64	64	64	64	63	56	47	47	43	45	61	64	64
3 UPPER BAKER	5B1A	101	101	101	100	97	95	87	80	80	80	79	0	101	101
4 LOWER BAKER	5B1A	71	71	71	71	71	64	54	53	53	51	51	14	66	71
5 WELLS SHARE	5B1A	292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 ROCKY REACH SHARE	5B1A	505	505	504	504	505	505	505	504	504	504	507	506	506	505
7 ROCK ISLAND SHARE	5B1A	497	496	496	496	497	496	495	496	496	496	501	501	501	493
8 WANAPUM SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
9 PRIEST SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		1772	1771	1770	1769	1768	1757	1731	1714	1714	1708	1717	1616	1772	1768
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	94	94	94	94	94	94	94	94	94	47	47	94	94	94
12 COLSTRIP 1&2 SHARE	5B1A	318	318	318	318	318	318	318	318	318	159	318	159	318	318
13 COLSTRIP 3 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
14 COLSTRIP 4 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
15 TOTAL LARGE THERMAL		457	457	457	457	457	457	457	457	457	251	410	298	457	457
OTHER RESOURCES															
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	29	29	29	29	0	0	0	0	0	0
17 C.T.: WHITEHORN 1	5B1A	0	0	0	0	67	67	67	67	0	0	0	0	0	0
18 C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	177	177	177	177	0	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	88	88	88	88	0	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	3	3	3	3	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		1	1	1	1	365	365	365	365	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTIT (CSPE)	5B1A	-32	-32	-32	-32	-32	-32	-32	-32	-32	-26	-26	-26	-26	-26
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-32	-32	-32	-32	-32	-32	-32	-32	-32	-26	-26	-26	-26	-26

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	101	101	101	101	101	101	101	101	101	85	85	85	85	85
28 SUPPLEMENTAL CAPACITY	5B1A	64	64	64	64	64	64	64	64	64	52	52	52	52	52
29 BPA TO PSP&L,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	0
30 TOTAL CONTRACTS IN		245	245	245	245	245	245	245	245	245	217	217	217	217	137
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	2317	2316	2315	2314	2500	2489	2463	2446	2259	2025	2193	1980	2295	2291
32 ACQUIRED, POST ACT,	5B1B	127	127	127	127	304	304	304	304	127	127	127	127	127	47
33 TOTAL DEDICATED RESOURCES		2444	2443	2442	2441	2804	2793	2767	2750	2386	2152	2320	2107	2422	2338
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		158	158	158	158	158	158	158	158	158	158	158	158	158	158
35 LG THRM, COLSTRIP 4 ND SHR		158	158	158	158	158	158	158	158	158	158	158	158	158	158
37 C.T.: FREDRICKSON		0	0	0	0	178	178	178	178	0	0	0	0	0	0
38 C.T.: FREDONIA		0	0	0	0	247	247	247	247	0	0	0	0	0	0
39 EXP: PSP&L TO PG&E,S PWR		-300	-300	-300	0	0	0	0	0	0	0	0	0	-300	-300
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	300	300	300	300	0	0	0	0	0	0
41 IMP: BC HYDRO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
42 C.O.: PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 C.O.: PSP&L TO BPA, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PSP&L TO GHBR, CEN XC		-30	-30	-65	-65	-65	-65	-65	-65	-65	-65	-65	-30	-30	-30
46 C.I.: BPA TO PSP&L,WNP3		0	0	82	82	82	82	82	82	82	82	82	0	82	0
47 C.I.: PP&L TO PSP&L,PS2		200	200	200	200	200	200	200	200	200	200	200	200	200	200
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	7	7	7	7	0	0	0	0	0	0
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	300	300	300	300	300	300	0	0	0	0	0
50 C.I.: MPC TO PSP&L, COL 4		94	94	94	94	94	94	94	94	94	0	0	94	94	94
51 C.I.: N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
52 C.I.: OTHER TO PSP&L,SP P		1	1	1	1	2	2	2	2	1	1	1	1	1	1
53 C.I.: SNOH TO PSP&L,SP PU		5	5	5	6	8	10	10	8	8	7	7	6	5	5
54 C.I.: WWP TO PSP&L, PS 2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
55 NON-UTILITY GEN NON-DED SHR		723	723	723	723	723	723	723	723	723	723	723	178	563	723
56 TOTAL NONDEDICATED RES		1117	1117	1164	1765	2499	2502	2502	2500	1767	1372	1372	873	1039	1117
57 TOTAL RESOURCES		3561	3560	3606	4206	5303	5295	5269	5250	4153	3524	3692	2980	3461	3455

TABLE D-5

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
REGULATED HYDRO															
2 WHITE	5B1A	64	64	64	64	64	63	56	47	47	43	45	61	64	64
3 UPPER BAKER	5B1A	101	101	101	100	97	95	87	80	80	80	79	0	101	101
4 LOWER BAKER	5B1A	71	71	71	71	71	64	54	53	53	51	51	14	66	71
5 WELLS SHARE	5B1A	292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 ROCKY REACH SHARE	5B1A	505	505	504	504	505	505	505	504	504	504	507	506	506	505
7 ROCK ISLAND SHARE	5B1A	475	475	474	474	475	475	473	474	474	474	481	481	481	440
8 WANAPUM SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
9 PRIEST SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		1750	1750	1748	1747	1746	1736	1709	1692	1692	1686	1697	1596	1752	1715
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	94	94	94	94	94	94	94	94	94	94	47	94	94	94
12 COLSTRIP 1&2 SHARE	5B1A	318	318	318	318	318	318	318	318	318	159	318	159	318	318
13 COLSTRIP 3 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
14 COLSTRIP 4 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
15 TOTAL LARGE THERMAL		457	457	457	457	457	457	457	457	457	298	410	298	457	457
OTHER RESOURCES															
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	29	29	29	29	0	0	0	0	0	0
17 C.T.: WHITEHORN 1	5B1A	0	0	0	0	67	67	67	67	0	0	0	0	0	0
18 C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	177	177	177	177	0	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	88	88	88	88	0	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	3	3	3	3	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		1	1	1	1	365	365	365	365	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTIT (CSPE)	5B1A	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-10
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-10

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	35	35	35	35	35	35	35	35	35	34	34	34	34	34
28 SUPPLEMENTAL CAPACITY	5B1A	22	22	22	22	22	22	22	22	22	22	22	22	22	20
29 BPA TO PSP&L,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		57	57	57	57	57	57	57	57	57	56	56	56	56	54
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	2208	2208	2206	2205	2391	2381	2354	2337	2150	1984	2107	1894	2209	2171
32 ACQUIRED, POST ACT,	5B1B	47	47	47	47	224	224	224	224	47	47	47	47	47	47
33 TOTAL DEDICATED RESOURCES		2255	2255	2253	2252	2615	2605	2578	2561	2197	2031	2154	1941	2256	2218
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		158	158	158	158	158	158	158	158	159	158	158	158	159	158
35 LG THRM, COLSTRIP 4 ND SHR		158	158	158	158	158	158	158	158	158	158	158	158	158	158
37 C.T.: FREDRICKSON		0	0	0	0	178	178	178	178	0	0	0	0	0	0
38 C.T.: FREDONIA		0	0	0	0	247	247	247	247	0	0	0	0	0	0
39 EXP: PSP&L TO PG&E,S PWR		-300	-300	-300	0	0	0	0	0	0	0	0	0	-300	-300
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	300	300	300	300	0	0	0	0	0	0
41 IMP: BC HYDRO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
42 C.O.: PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 C.O.: PSP&L TO BPA, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: PSP&L TO GHBR, CEN XC		-30	-30	-65	-65	-65	-65	-65	-65	-65	-65	-65	-30	-30	-30
46 C.I.: BPA TO PSP&L,WNP3		0	0	82	82	82	82	82	82	82	82	82	0	82	0
47 C.I.: PP&L TO PSP&L,PS2		200	200	200	200	200	200	200	200	200	200	200	200	200	200
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	7	7	7	7	0	0	0	0	0	0
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	300	300	300	300	300	300	0	0	0	0	0
50 C.I.: MPC TO PSP&L, COL 4		94	94	94	94	94	94	94	94	94	0	0	94	94	94
51 C.I.: N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
52 C.I.: OTHER TO PSP&L,SP P		1	1	1	1	2	2	2	2	2	1	1	1	1	1
53 C.I.: SNOH TO PSP&L,SP PU		5	5	5	6	8	10	10	8	8	7	7	6	5	5
54 C.I.: WWP TO PSP&L, PS 2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
55 NON-UTILITY GEN NON-DED SHR		710	710	710	710	710	710	710	710	710	710	710	165	550	710
56 TOTAL NONDEDICATED RES		1104	1104	1151	1752	2486	2489	2489	2487	1754	1359	1359	860	1026	1104
57 TOTAL RESOURCES		3359	3359	3404	4004	5101	5094	5067	5048	3951	3390	3513	2801	3282	3322

TABLE D-5

SHEET 1 OF 2

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PUGET SOUND POWER & LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
REGULATED HYDRO															
2 WHITE	5B1A	64	64	64	64	64	63	56	47	47	43	45	61	64	64
3 UPPER BAKER	5B1A	101	101	101	100	97	95	87	80	80	80	79	0	101	101
4 LOWER BAKER	5B1A	71	71	71	71	71	64	54	53	53	51	51	14	66	71
5 WELLS SHARE	5B1A	292	292	292	292	292	292	292	292	292	292	292	292	292	292
6 ROCKY REACH SHARE	5B1A	505	505	504	504	505	505	505	504	504	504	507	506	506	505
7 ROCK ISLAND SHARE	5B1A	299	299	300	300	299	299	300	300	300	300	297	298	298	299
8 WANAPUM SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
9 PRIEST SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		1574	1574	1574	1573	1570	1560	1536	1518	1518	1512	1513	1413	1569	1574
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	94	94	94	94	94	94	94	94	94	47	94	94	94	94
12 COLSTRIP 1&2 SHARE	5B1A	318	318	318	318	318	318	318	318	318	159	318	159	318	318
13 COLSTRIP 3 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
14 COLSTRIP 4 DED SHARE	5B1B	23	23	23	23	23	23	23	23	23	23	23	23	23	23
15 TOTAL LARGE THERMAL		457	457	457	457	457	457	457	457	457	251	457	298	457	457
OTHER RESOURCES															
16 C.T.: WHIDBEY ISLAND	5B1A	0	0	0	0	29	29	29	29	0	0	0	0	0	0
17 C.T.: WHITEHORN 1	5B1A	0	0	0	0	67	67	67	67	0	0	0	0	0	0
18 C.T.: WHITEHORN 2 & 3	5B1B	0	0	0	0	177	177	177	177	0	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	88	88	88	88	0	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	3	3	3	3	0	0	0	0	0	0
21 NON-UTILITY GEN,DED SHR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22 TOTAL OTHER RESOURCES		1	1	1	1	365	365	365	365	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
23 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-5 (CONTINUED)

PUGET SOUND POWER & LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
31 ACQUIRED PRIOR TO ACT,	5B1A	1986	1986	1986	1985	2169	2159	2135	2117	1930	1718	1925	1666	1981	1986
32 ACQUIRED, POST ACT,	5B1B	47	47	47	47	224	224	224	224	47	47	47	47	47	47
33 TOTAL DEDICATED RESOURCES		2033	2033	2033	2032	2393	2383	2359	2341	1977	1765	1972	1713	2028	2033
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		158	158	158	158	158	158	159	159	158	158	158	158	158	158
35 LG THRM, COLSTRIP 4 ND SHR		158	158	158	158	158	158	158	158	158	158	158	158	158	158
37 C.T.: FREDRICKSON		0	0	0	0	178	178	178	178	0	0	0	0	0	0
38 C.T.: FREDONIA		0	0	0	0	247	247	247	247	0	0	0	0	0	0
39 EXP: PSP&L TO PG&E,S PWR		-300	-300	-300	0	0	0	0	0	0	0	0	0	-300	-300
40 IMP: PG&E TO PSP,SEA PWR		0	0	0	0	300	300	300	300	0	0	0	0	0	0
41 IMP: BC HYDRO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
42 C.O.: PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 C.O.: PSP&L TO BPA, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 C.O.: PSP&L TO BPA,P XCH		-300	-300	-300	-300	0	0	0	0	0	0	0	0	0	-300
45 C.O.: PSP&L TO GHBR, CEN XC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.I.: BPA TO PSP&L,WNP3		0	0	82	82	82	82	82	82	82	82	82	0	82	0
47 C.I.: PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.I.: BPA TO PSP&L,BK HD		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.I.: BPA TO PSP&L,PS/PXC		0	0	0	0	300	300	300	300	0	0	0	0	0	0
50 C.I.: MPC TO PSP&L, COL 4		94	94	94	94	94	94	94	94	94	0	0	94	94	94
51 C.I.: N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
52 C.I.: OTHER TO PSP&L,SP P		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 C.I.: SNOH TO PSP&L,SP PU		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 C.I.: WWP TO PSP&L, PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
55 NON-UTILITY GEN NON-DED SHR		710	710	710	710	710	710	710	710	710	710	710	165	550	710
56 TOTAL NONDEDICATED RES		528	528	610	910	2235	2235	2235	2235	1210	1116	1116	583	750	528
57 TOTAL RESOURCES		2561	2561	2643	2942	4628	4618	4594	4576	3187	2881	3088	2296	2778	2561

TABLE D-6

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
WASHINGTON WATER POWER DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 NOXON	5B1A	544	534	541	549	549	549	529	506	503	509	532	551	554	554
3 CABINET GORGE	5B1A	239	239	239	239	239	239	239	239	239	239	239	239	239	239
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	15	15	15	16	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	9	9	9	10	10
6 MONROE STREET	5B1A	10	10	10	10	10	10	13	13	13	13	13	13	13	13
7 NINE MILE	5B1A	26	26	26	26	26	26	27	25	25	25	24	25	25	26
8 LONG LAKE	5B1A	73	73	72	72	72	71	69	66	64	69	72	72	72	73
9 LITTLE FALLS	5B1A	34	34	35	34	34	34	34	34	34	34	33	34	34	34
10 WELLS SHARE	5B1A	33	33	33	33	33	33	33	33	33	33	33	33	33	33
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	38	38	38	38	38	38	38	38	38	38	38	38	38	38
13 WANAPUM SHARE	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14 PRIEST RAPIDS SHARE	5B1A	55	55	55	55	55	55	55	55	55	55	55	55	55	55
15 TOTAL HYDRO		1154	1144	1151	1158	1158	1157	1139	1111	1106	1115	1139	1160	1165	1167
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	202	202	202	202	202	202	202	202	202	101	101	202	202	202
17 TOTAL LARGE THERMAL		202	202	202	202	202	202	202	202	202	101	101	202	202	202
OTHER RESOURCES															
18 C.T.: NORTHEAST UNITS	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
20 TOTAL OTHER RESOURCES		68	68	68	68	68	68	68	68	68	68	68	68	68	68
EXPORTS															
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS OUT															
23 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WWP TO PP&L,SANDPOINT	5B1A	-4	-4	-4	-4	-5	-5	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-11	-11	-11	-11	-12	-12	-7	-7	-7	-7	-7	-7	-7	-7
CONTRACTS IN															
27 BPA TO WWP, SRP CAP SL	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
28 CSPE PURCHASE	5B1A	29	29	29	29	29	29	29	29	29	24	24	24	24	24
29 SUPPLEMENTAL CAPACITY	5B1A	14	14	14	14	14	14	14	14	14	14	14	14	14	14
30 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		93	93	93	93	93	93	93	93	93	88	88	88	88	88
TOTAL DEDICATED RESOURCES															
33 ACQUIRED PRIOR TO ACT,	5B1A	1456	1446	1453	1460	1459	1458	1445	1417	1412	1315	1339	1461	1466	1468
34 ACQUIRED, POST ACT,	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
36 TOTAL DEDICATED RESOURCES		1506	1496	1503	1510	1509	1508	1495	1467	1462	1365	1389	1511	1516	1518
NONDEDICATED RESOURCES															
38 LG THRM, COLSTRIP 3 SHARE		109	109	109	109	109	109	109	109	109	109	109	109	109	109
39 LG THRM, COLSTRIP 4 SHARE		108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 NON-UTLITY GENERATION		242	242	243	243	244	246	246	248	249	250	250	224	225	245
41 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	0	0	47
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	150	150	150	150	150	0	0	0	0	0
43 EXP: WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
44 C.O.: WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: WWP TO BPA,DEF PWR X		-67	-67	-67	-67	-67	-67	-68	-65	-68	-63	-63	-10	-10	0
46 C.O.: WWP TO PP&L,PS		-150	-150	-150	-150	-150	-150	-100	-100	-100	-100	-100	-100	-100	-100
47 C.O.: WWP TO PND OR, SALE		-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
48 C.O.: WWP TO PSP&L,PS 2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
49 C.I.: BPA TO WWP,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	0
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	82	82	82	82	41	41	41	0	0	0
51 C.I.: BPA TO WWP,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	23
52 NONDEDICATED RESOURCES		108	108	109	109	492	494	543	548	505	361	361	300	151	171
53 TOTAL RESOURCES		1614	1604	1612	1619	2001	2002	2038	2015	1967	1726	1750	1811	1667	1689

TABLE D-6

SHEET 1 OF 2

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
WASHINGTON WATER POWER DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 NOXON	5B1A	544	534	541	549	549	549	529	506	503	509	532	551	554	554
3 CABINET GORGE	5B1A	239	239	239	239	239	239	239	239	239	239	239	239	239	239
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	15	15	15	16	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	9	9	9	10	10
6 MONROE STREET	5B1A	10	10	10	10	10	10	13	13	13	13	13	13	13	13
7 NINE MILE	5B1A	26	26	26	26	26	26	27	25	25	25	24	25	25	26
8 LONG LAKE	5B1A	73	73	72	72	72	71	69	66	64	69	72	72	72	73
9 LITTLE FALLS	5B1A	34	34	35	34	34	34	34	34	34	34	33	34	34	34
10 WELLS SHARE	5B1A	33	33	33	33	33	33	33	33	33	33	33	33	33	33
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	38	38	38	38	38	38	38	38	38	38	38	38	38	38
13 WANAPUM SHARE	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14 PRIEST RAPIDS SHARE	5B1A	55	55	55	55	55	55	55	55	55	55	55	55	55	55
15 TOTAL HYDRO		1154	1144	1151	1158	1158	1157	1139	1111	1106	1115	1139	1160	1165	1167
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	202	202	202	202	202	202	202	202	202	202	101	202	202	202
17 TOTAL LARGE THERMAL		202	202	202	202	202	202	202	202	202	202	101	202	202	202
OTHER RESOURCES															
18 C.T.: NORTHEAST UNITS	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
20 TOTAL OTHER RESOURCES		68	68	68	68	68	68	68	68	68	68	68	68	68	68
EXPORTS															
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS OUT															
23 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
27 BPA TO WWP, SRP CAP SL	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
28 CSPE PURCHASE	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
30 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		64	64	64	64	64	64	64	64	64	64	64	64	64	64
TOTAL DEDICATED RESOURCES															
33 ACQUIRED PRIOR TO ACT,	5B1A	1436	1426	1433	1440	1440	1439	1421	1393	1388	1397	1320	1442	1447	1449
34 ACQUIRED, POST ACT,	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
36 TOTAL DEDICATED RESOURCES		1486	1476	1483	1490	1490	1489	1471	1443	1438	1447	1370	1492	1497	1499
NONDEDICATED RESOURCES															
38 LG THRM, COLSTRIP 3 SHARE		109	109	109	109	109	109	109	109	109	109	109	109	109	109
39 LG THRM, COLSTRIP 4 SHARE		108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 NON-UTLITY GENERATION		242	242	243	243	244	246	246	248	249	250	250	224	225	245
41 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	0	0	47
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	150	150	150	150	150	0	0	0	0	0
43 EXP: WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
44 C.O.: WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: WWP TO BPA,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.O.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 C.O.: WWP TO PND OR, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: WWP TO PSP&L,PS 2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
49 C.I.: BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	82	82	82	82	41	41	41	0	0	0
51 C.I.: BPA TO WWP,DEF PWR X		35	35	35	35	35	32	32	31	32	29	29	12	13	0
52 NONDEDICATED RESOURCES		291	291	292	292	675	674	674	675	636	484	484	353	205	259
53 TOTAL RESOURCES		1777	1767	1775	1782	2165	2163	2145	2118	2074	1931	1854	1845	1702	1758

TABLE D-6

SHEET 1 OF 2

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

2004-5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
WASHINGTON WATER POWER DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 NOXON	5B1A	544	534	541	549	549	549	529	506	503	509	532	551	554	554
3 CABINET GORGE	5B1A	239	239	239	239	239	239	239	239	239	239	239	239	239	239
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	15	15	15	16	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	9	9	9	10	10
6 MONROE STREET	5B1A	10	10	10	10	10	10	13	13	13	13	13	13	13	13
7 NINE MILE	5B1A	26	26	26	26	26	26	27	25	25	25	24	25	25	26
8 LONG LAKE	5B1A	73	73	72	72	72	71	69	66	64	69	72	72	72	73
9 LITTLE FALLS	5B1A	34	34	35	34	34	34	34	34	34	34	33	34	34	34
10 WELLS SHARE	5B1A	33	33	33	33	33	33	33	33	33	33	33	33	33	33
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	38	38	38	38	38	38	38	38	38	38	38	38	38	38
13 WANAPUM SHARE	5B1A	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14 PRIEST RAPIDS SHARE	5B1A	55	55	55	55	55	55	55	55	55	55	55	55	55	55
15 TOTAL HYDRO		1154	1144	1151	1158	1158	1157	1139	1111	1106	1115	1139	1160	1165	1167
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	202	202	202	202	202	202	202	202	202	101	202	202	202	202
17 TOTAL LARGE THERMAL		202	202	202	202	202	202	202	202	202	101	202	202	202	202
OTHER RESOURCES															
18 C.T.: NORTHEAST UNITS	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
20 TOTAL OTHER RESOURCES		68	68	68	68	68	68	68	68	68	68	68	68	68	68
EXPORTS															
21 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
22 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WASHINGTON WATER POWER
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS OUT															
23 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
27 BPA TO WWP, SRP CAP SL	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
28 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 MPC TO WWP, PWR SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL CONTRACTS IN		50	50	50	50	50	50	50	50	50	50	50	50	50	50
TOTAL DEDICATED RESOURCES															
33 ACQUIRED PRIOR TO ACT,	5B1A	1424	1414	1421	1428	1428	1427	1409	1381	1376	1284	1409	1430	1435	1437
34 ACQUIRED, POST ACT,	5B1B	50	50	50	50	50	50	50	50	50	50	50	50	50	50
36 TOTAL DEDICATED RESOURCES		1474	1464	1471	1478	1478	1477	1459	1431	1426	1334	1459	1480	1485	1487
NONDEDICATED RESOURCES															
38 LG THRM, COLSTRIP 3 SHARE		109	109	109	109	109	109	109	109	109	109	109	109	109	109
39 LG THRM, COLSTRIP 4 SHARE		108	108	108	108	108	108	108	108	108	108	108	108	108	108
40 NON-UTLITY GENERATION		182	182	182	181	181	182	181	182	182	184	184	182	183	182
41 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	0	0	47
42 IMP: PG&E TO WWP,SEA PWR XC		0	0	0	0	150	150	150	150	150	0	0	0	0	0
43 EXP: WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
44 C.O.: WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 C.O.: WWP TO BPA,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 C.O.: WWP TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 C.O.: WWP TO PND OR, SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 C.O.: WWP TO PSP&L,PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 C.I.: BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 C.I.: BPA TO WWP, WNP3 S		0	0	0	0	82	82	82	82	41	41	41	0	0	0
51 C.I.: BPA TO WWP,DEF PWR X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 NONDEDICATED RESOURCES		296	296	296	295	677	678	677	678	637	489	489	399	250	296
53 TOTAL RESOURCES		1770	1760	1767	1773	2155	2155	2136	2109	2063	1823	1948	1879	1735	1783

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CHELAN COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 ROCKY REACH SHARE	5B1A	99	99	99	99	99	99	99	99	99	99	99	99	99	99
2 ROCKY REACH SHARE	5B1B	97	97	97	97	97	97	97	97	97	97	98	98	98	97
3 ROCK ISLAND SHARE	5B1A	32	32	33	33	32	32	33	33	33	33	30	30	30	32
4 ROCK ISLAND SHARE	5B1B	59	59	60	60	59	59	60	60	60	60	54	55	55	63
5 CHELAN SHR, PROJ+CONT	5B1A	32	32	32	32	31	31	31	30	30	30	30	9	20	32
6 CHELAN CONTRACT	5B1B	26	26	26	25	26	25	24	25	24	24	25	8	16	26
7 TOTAL HYDRO		346	346	348	347	345	344	345	345	344	344	336	299	318	349
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CHELAN TO DOUG,C/N XCH	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6	-6
10 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	-8
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	6	6	6	6	6	6	6	6	6	5	5	5	5	5
14 SUPPLEMENTAL CAPACITY	5B1A	14	14	14	14	14	14	14	14	14	12	12	12	12	12
15 DOUG TO CHELAN,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COLOCK TO CHEL,PK SALE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 TOTAL CONTRACTS IN		26	26	26	26	26	26	26	26	26	23	23	23	23	23
TOTAL DEDICATED RESOURCES															
18 ACQUIRED PRIOR TO ACT,	5B1A	180	180	180	180	179	179	179	179	179	177	174	153	164	177
19 ACQUIRED, POST ACT,	5B1B	183	183	184	183	182	182	182	182	182	182	177	160	168	186
20 TOTAL DEDICATED RESOURCES		363	363	364	363	362	361	361	361	360	358	351	313	332	363

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	12	12	12	12	10	10	10	11
22 C.O.: CHL TO PGE,C/N X	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50	-50
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-39	-39	-39	-39	11	11	12	12	12	12	10	10	-40	-39
25 TOTAL RESOURCES	323	324	325	324	372	372	373	373	372	370	361	324	292	324

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CHELAN COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 ROCKY REACH SHARE	5B1A	99	99	99	99	99	99	99	99	99	99	99	99	99	99
2 ROCKY REACH SHARE	5B1B	97	97	97	97	97	97	97	97	97	97	98	98	98	97
3 ROCK ISLAND SHARE	5B1A	32	32	33	33	32	32	33	33	33	33	30	30	30	67
4 ROCK ISLAND SHARE	5B1B	81	81	82	82	81	81	82	82	82	82	74	75	75	80
5 CHELAN SHR, PROJ+CONT	5B1A	32	32	32	32	31	31	31	30	30	30	30	9	20	32
6 CHELAN CONTRACT	5B1B	26	26	26	25	26	25	24	25	24	24	25	8	16	26
7 TOTAL HYDRO		367	368	370	369	367	366	367	367	366	366	356	319	338	402
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CHELAN TO DOUG,C/N XCH	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3
10 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-5
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	6
15 DOUG TO CHELAN,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COLOCK TO CHEL,PK SALE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 TOTAL CONTRACTS IN		12	12	12	12	12	12	12	12	12	12	12	12	12	14
TOTAL DEDICATED RESOURCES															
18 ACQUIRED PRIOR TO ACT,	5B1A	171	171	171	171	170	170	170	170	170	170	167	146	157	206
19 ACQUIRED, POST ACT,	5B1B	204	205	206	205	204	203	204	205	204	204	197	180	188	204
20 TOTAL DEDICATED RESOURCES		375	375	377	376	374	373	374	374	373	373	363	326	345	410

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	10	11	11	11	11	12	12	12	12	10	10	10	11
22 C.O.: CHL TO PGE,C/N X	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50	-50
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-39	-40	-39	-39	11	11	12	12	12	12	10	10	-40	-39
25 TOTAL RESOURCES	336	336	338	337	385	384	386	386	385	385	374	337	305	371

TABLE D-7

SHEET 1 OF 2

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CHELAN COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 ROCKY REACH SHARE	5B1A	99	99	99	99	99	99	99	99	99	99	99	99	99	99
2 ROCKY REACH SHARE	5B1B	97	97	97	97	97	97	97	97	97	97	98	98	98	97
3 ROCK ISLAND SHARE	5B1A	206	206	205	205	206	206	205	205	205	205	212	212	212	208
4 ROCK ISLAND SHARE	5B1B	82	83	84	84	82	82	84	84	84	84	75	76	76	80
5 CHELAN SHR, PROJ+CONT	5B1A	32	32	32	32	31	31	31	30	30	30	30	9	20	32
6 CHELAN CONTRACT	5B1B	26	26	26	25	26	25	24	25	24	24	25	8	16	26
7 TOTAL HYDRO		543	543	543	542	542	541	540	540	539	540	540	502	521	543
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CHELAN TO DOUG,C/N XCH	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 DOUG TO CHELAN,C/N XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COLOCK TO CHEL,PK SALE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 TOTAL CONTRACTS IN		6	6	6	6	6	6	6	6	6	6	6	6	6	6
TOTAL DEDICATED RESOURCES															
18 ACQUIRED PRIOR TO ACT,	5B1A	341	341	340	339	340	340	338	338	338	338	345	324	335	343
19 ACQUIRED, POST ACT,	5B1B	206	206	208	207	205	205	206	206	205	205	198	182	190	204
20 TOTAL DEDICATED RESOURCES		547	547	547	546	546	545	544	544	543	543	543	505	524	547

TABLE D-7 (CONTINUED)

CHELAN COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	11	12	12	12	10	10	10	11
22 C.O.: CHL TO PGE,C/N X	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50	-50
23 C.I.: PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-39	-39	-39	-39	11	11	11	12	12	12	10	10	-40	-39
25 TOTAL RESOURCES	508	508	508	507	557	556	555	556	555	555	554	516	484	507

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	25	25	25	25	25	25	25	25	25	25	25	25	25	25
2 PRIEST RAPIDS SHARE	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
3 SWIFT 1 SHARE	5B1B	69	60	69	66	59	55	51	53	58	59	59	9	69	69
4 SWIFT 2 SHARE	5B1B	15	15	17	19	19	19	19	19	20	20	18	3	15	15
5 TOTAL HYDRO		127	118	129	128	121	117	113	115	121	122	120	55	127	127
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	14	14	14	14	14	14	14	14	14	12	12	12	12	12
11 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	18	16	16	16	16	16
TOTAL DEDICATED RESOURCES															
13 ACQUIRED PRIOR TO ACT,	5B1A	59	59	59	59	59	59	59	59	59	57	57	57	57	57
14 ACQUIRED, POST ACT,	5B1B	84	75	86	85	78	74	70	72	78	79	77	12	84	84
15 TOTAL DEDICATED RESOURCES		143	134	145	144	137	133	129	131	137	136	134	69	141	141
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		143	134	145	144	137	133	129	131	137	136	134	69	141	141

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COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	25	25	25	25	25	25	25	25	25	25	25	25	25	25
2 PRIEST RAPIDS SHARE	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
3 SWIFT 1 SHARE	5B1B	69	60	69	66	59	55	51	53	58	59	59	9	69	69
4 SWIFT 2 SHARE	5B1B	15	15	17	19	19	19	19	19	20	20	18	3	15	15
5 TOTAL HYDRO		127	118	129	128	121	117	113	115	121	122	120	55	127	127
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	2	2	2	2	2
12 TOTAL CONTRACTS IN		5	5	5	5	5	5	5	5	5	7	7	7	7	7
TOTAL DEDICATED RESOURCES															
13 ACQUIRED PRIOR TO ACT,	5B1A	48	48	48	48	48	48	48	48	48	49	49	49	49	49
14 ACQUIRED, POST ACT,	5B1B	84	75	86	85	78	74	70	72	78	79	77	12	84	84
15 TOTAL DEDICATED RESOURCES		132	123	134	133	126	122	118	120	126	128	126	61	133	133
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		132	123	134	133	126	122	118	120	126	128	126	61	133	133

TABLE D-8

COWLITZ COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
COWLITZ COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	25	25	25	25	25	25	25	25	25	25	25	25	25	25
2 PRIEST RAPIDS SHARE	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
3 SWIFT 1 SHARE	5B1B	69	60	69	66	59	55	51	53	58	59	59	9	69	69
4 SWIFT 2 SHARE	5B1B	15	15	17	19	19	19	19	19	20	20	18	3	15	15
5 TOTAL HYDRO		127	118	129	128	121	117	113	115	121	122	120	55	127	127
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
13 ACQUIRED PRIOR TO ACT,	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
14 ACQUIRED, POST ACT,	5B1B	84	75	86	85	78	74	70	72	78	79	77	12	84	84
15 TOTAL DEDICATED RESOURCES		127	118	129	128	121	117	113	115	121	122	120	55	127	127
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		127	118	129	128	121	117	113	115	121	122	120	55	127	127

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DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WELLS SHARE	5B1A	34	34	58	58	58	58	58	58	58	58	58	58	58	34
2 WELLS SHARE	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		228	228	228	228	228	228	228	228	228	228	228	228	228	228
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
5 CANADIAN ENTIT (CSPE)	5B1A	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 SUPPLEMENTAL CAPACITY	5B1A	16	16	16	16	16	16	16	16	16	12	12	12	12	12
12 CHEL TO DOUG,C/N XCHG	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 TOTAL CONTRACTS IN		19	19	19	19	19	19	19	19	19	15	15	15	15	15
TOTAL DEDICATED RESOURCES															
14 ACQUIRED PRIOR TO ACT,	5B1A	82	82	105	105	105	105	105	105	105	103	103	103	103	80
15 ACQUIRED, POST ACT,	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
16 TOTAL DEDICATED RESOURCES		239	239	239	239	239	239	239	239	239	237	237	237	237	237
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		239	239	239	239	239	239	239	239	239	237	237	237	237	237

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DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WELLS SHARE	5B1A	34	34	58	58	58	58	58	58	58	58	58	58	58	34
2 WELLS SHARE	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		228	228	228	228	228	228	228	228	228	228	228	228	228	228
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
5 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12 CHEL TO DOUG,C/N XCHG	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 TOTAL CONTRACTS IN		6	6	6	6	6	6	6	6	6	6	6	6	6	6
TOTAL DEDICATED RESOURCES															
14 ACQUIRED PRIOR TO ACT,	5B1A	75	75	98	98	98	98	98	98	98	98	98	98	98	75
15 ACQUIRED, POST ACT,	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
16 TOTAL DEDICATED RESOURCES		232	232	232	232	232	232	232	232	232	232	232	232	232	232
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		232	232	232	232	232	232	232	232	232	232	232	232	232	232

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DOUGLAS COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
DOUGLAS COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WELLS SHARE	5B1A	34	34	58	58	58	58	58	58	58	58	58	58	58	34
2 WELLS SHARE	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		228	228	228	228	228	228	228	228	228	228	228	228	228	228
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
5 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DOUG TO CHEL,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CHEL TO DOUG,C/N XCHG	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 TOTAL CONTRACTS IN		2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL DEDICATED RESOURCES															
14 ACQUIRED PRIOR TO ACT,	5B1A	73	73	96	96	96	96	96	96	96	96	96	96	96	73
15 ACQUIRED, POST ACT,	5B1B	158	158	134	134	134	134	134	134	134	134	134	134	134	158
16 TOTAL DEDICATED RESOURCES		230	230	230	230	230	230	230	230	230	230	230	230	230	230
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		230	230	230	230	230	230	230	230	230	230	230	230	230	230

TABLE D-10

SHEET 1 OF 2

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 LEABURG	5B1A	7	6	5	7	7	13	10	13	13	11	10	10	7	6
2 WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	4	4	7	6	4
REGULATED HYDRO															
3 CARMEN-SMITH	5B1A	42	39	38	33	30	52	43	58	48	49	31	36	42	37
4 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
6 PRIEST RAPIDS DED SHR	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7 TOTAL HYDRO		88	83	80	78	75	108	94	113	102	98	79	87	89	81
LARGE THERMAL															
OTHER RESOURCES															
8 NON-UTILITY GENERATION	5B1B	0	0	0	5	5	4	0	1	1	9	9	37	37	11
9 TOTAL OTHER RESOURCES		0	0	0	5	5	4	0	1	1	9	9	37	37	11
EXPORTS															
IMPORTS															
CONTRACTS OUT															
10 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1
CONTRACTS IN															
14 CSPE PURCHASE	5B1A	32	32	32	32	32	32	32	32	32	27	27	27	27	27
15 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	2	2	2	2	2
16 TOTAL CONTRACTS IN		36	36	36	36	36	36	36	36	36	29	29	29	29	29
TOTAL DEDICATED RESOURCES															
17 ACQUIRED PRIOR TO ACT,	5B1A	122	117	114	112	109	142	128	147	136	126	107	115	117	109
18 ACQUIRED, POST ACT,	5B1B	0	0	0	5	5	4	0	1	1	9	9	37	37	11
19 TOTAL DEDICATED RESOURCES		122	117	114	117	114	146	128	148	137	135	116	152	154	120

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
20 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22 COGEN, WEYCO ENERGY CTR	20	20	20	20	20	0	20	20	20	20	20	20	20	0
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	26	26	26	26	26	6	26	26	26	26	26	26	26	6
25 TOTAL RESOURCES	148	143	140	143	140	152	154	174	163	161	142	178	180	126

TABLE D-10

SHEET 1 OF 2

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 LEABURG	5B1A	7	6	5	7	7	13	10	13	13	11	10	10	7	6
2 WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	4	4	7	6	4
REGULATED HYDRO															
3 CARMEN-SMITH	5B1A	42	39	38	33	30	52	43	58	48	49	31	36	42	37
4 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
6 PRIEST RAPIDS DED SHR	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7 TOTAL HYDRO		88	83	80	78	75	108	94	113	102	98	79	87	89	81
LARGE THERMAL															
OTHER RESOURCES															
8 NON-UTILITY GENERATION	5B1B	27	27	27	33	34	35	31	32	32	39	39	64	64	38
9 TOTAL OTHER RESOURCES		27	27	27	33	34	35	31	32	32	39	39	64	64	38
EXPORTS															
IMPORTS															
CONTRACTS OUT															
10 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
14 CSPE PURCHASE	5B1A	11	11	11	11	11	11	11	11	11	10	10	10	10	10
15 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL CONTRACTS IN		11	11	11	11	11	11	11	11	11	10	10	10	10	10
TOTAL DEDICATED RESOURCES															
17 ACQUIRED PRIOR TO ACT,	5B1A	99	94	91	89	86	119	105	124	113	108	89	97	99	91
18 ACQUIRED, POST ACT,	5B1B	27	27	27	33	34	35	31	32	32	39	39	64	64	38
19 TOTAL DEDICATED RESOURCES		126	121	118	122	120	154	136	156	145	147	128	161	163	129

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
20 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22 COGEN, WEYCO ENERGY CTR	20	20	20	20	20	0	20	20	20	20	20	20	20	0
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	26	26	26	26	26	6	26	26	26	26	26	26	26	6
25 TOTAL RESOURCES	152	147	144	148	146	160	162	182	171	173	154	187	189	135

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EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
EUGENE WATER & ELECTRIC BOARD DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 LEABURG	5B1A	7	6	5	7	7	13	10	13	13	11	10	10	7	6
2 WATERVILLE	5B1A	5	4	3	4	4	9	7	8	7	4	4	7	6	4
REGULATED HYDRO															
3 CARMEN-SMITH	5B1A	42	39	38	33	30	52	43	58	48	49	31	36	42	37
4 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
6 PRIEST RAPIDS DED SHR	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7 TOTAL HYDRO		88	83	80	78	75	108	94	113	102	98	79	87	89	81
LARGE THERMAL															
OTHER RESOURCES															
8 NON-UTILITY GENERATION	5B1B	27	27	27	33	34	35	31	32	33	39	39	64	64	38
9 TOTAL OTHER RESOURCES		27	27	27	33	34	35	31	32	33	39	39	64	64	38
EXPORTS															
IMPORTS															
CONTRACTS OUT															
10 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
14 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
17 ACQUIRED PRIOR TO ACT,	5B1A	88	83	80	78	75	108	94	113	102	98	79	87	89	81
18 ACQUIRED, POST ACT,	5B1B	27	27	27	33	34	35	31	32	33	39	39	64	64	38
19 TOTAL DEDICATED RESOURCES		115	110	107	111	109	143	125	145	135	137	118	151	153	119

TABLE D-10 (CONTINUED)

EUGENE WATER & ELECTRIC BOARD
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
20 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
21 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
22 COGEN, WEYCO ENERGY CTR	20	20	20	20	20	0	20	20	20	20	20	20	20	0
23 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	26	26	26	26	26	6	26	26	26	26	26	26	26	6
25 TOTAL RESOURCES	141	136	133	137	135	149	151	171	161	163	144	177	179	125

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GRANT COUNTY PUD #2 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	154	154	167	167	167	167	167	167	167	167	167	167	167	154
2 WANAPUM SHARE	5B1B	145	145	132	132	132	132	132	132	132	132	132	132	132	145
3 PRIEST RAPIDS SHARE	5B1A	152	152	177	177	177	177	177	177	177	177	177	177	177	152
4 PRIEST RAPIDS DED SHR	5B1B	143	143	118	118	118	118	118	118	118	118	118	118	118	143
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CANADIAN ENTIT (CSPE)	5B1A	-25	-25	-25	-25	-25	-25	-25	-25	-25	-21	-21	-21	-21	-21
9 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CNT OUT, GRT TO PP&L,PS	5B1B	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
12 TOTAL CONTRACTS OUT		-39	-39	-39	-39	-39	-39	-39	-39	-39	-35	-35	-35	-35	-35
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 SUPPLEMENTAL CAPACITY	5B1A	50	50	50	50	50	50	50	50	50	42	42	42	42	42
15 TOTAL CONTRACTS IN		52	52	52	52	52	52	52	52	52	44	44	44	44	44
TOTAL DEDICATED RESOURCES															
16 ACQUIRED PRIOR TO ACT,	5B1A	333	333	371	371	371	371	371	371	371	367	367	367	367	329
17 ACQUIRED, POST ACT,	5B1B	274	274	236	236	236	236	236	236	236	236	236	236	236	274
18 TOTAL DEDICATED RESOURCES		607	607	607	607	607	607	607	607	607	603	603	603	603	603

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS	32	32	32	32	32	32	32	32	32	32	32	32	32	32
21 NON-UTIITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
21 TOTAL NONDEDICATED RES	79	79	76	73	65	65	65	65	73	78	78	81	80	80
22 TOTAL RESOURCES	686	686	683	680	672	672	672	672	680	681	681	684	683	683

TABLE D-11

SHEET 1 OF 2

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GRANT COUNTY PUD #2 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	154	154	167	167	167	167	167	167	167	167	167	167	167	154
2 WANAPUM SHARE	5B1B	145	145	132	132	132	132	132	132	132	132	132	132	132	145
3 PRIEST RAPIDS SHARE	5B1A	152	152	177	177	177	177	177	177	177	177	177	177	177	152
4 PRIEST RAPIDS DED SHR	5B1B	143	143	118	118	118	118	118	118	118	118	118	118	118	143
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CANADIAN ENTIT (CSPE)	5B1A	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	-8
9 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CNT OUT, GRT TO PP&L,PS	5B1B	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
12 TOTAL CONTRACTS OUT		-23	-23	-23	-23	-23	-23	-23	-23	-23	-22	-22	-22	-22	-22
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14 SUPPLEMENTAL CAPACITY	5B1A	18	18	18	18	18	18	18	18	18	16	16	16	16	16
15 TOTAL CONTRACTS IN		19	19	19	19	19	19	19	19	19	17	17	17	17	17
TOTAL DEDICATED RESOURCES															
16 ACQUIRED PRIOR TO ACT,	5B1A	316	316	354	354	354	354	354	354	354	353	353	353	353	315
17 ACQUIRED, POST ACT,	5B1B	274	274	236	236	236	236	236	236	236	236	236	236	236	274
18 TOTAL DEDICATED RESOURCES		590	590	590	590	590	590	590	590	590	589	589	589	589	589

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS	32	32	32	32	32	32	32	32	32	32	32	32	32	32
21 NON-UTIITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
21 TOTAL NONDEDICATED RES	79	79	76	73	65	65	65	65	73	78	78	81	80	80
22 TOTAL RESOURCES	669	669	666	663	655	655	655	655	663	667	667	670	669	669

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GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
GRANT COUNTY PUD #2 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
REGULATED HYDRO															
1 WANAPUM SHARE	5B1A	154	154	167	167	167	167	167	167	167	167	167	167	167	154
2 WANAPUM SHARE	5B1B	145	145	132	132	132	132	132	132	132	132	132	132	132	145
3 PRIEST RAPIDS SHARE	5B1A	152	152	177	177	177	177	177	177	177	177	177	177	177	152
4 PRIEST RAPIDS DED SHR	5B1B	143	143	118	118	118	118	118	118	118	118	118	118	118	143
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
6 NON-UTIITY GENERATION	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS															
IMPORTS															
CONTRACTS OUT															
8 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 CNT OUT, GRT TO PP&L,PS	5B1B	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
12 TOTAL CONTRACTS OUT		-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
16 ACQUIRED PRIOR TO ACT,	5B1A	306	306	344	344	344	344	344	344	344	344	344	344	344	306
17 ACQUIRED, POST ACT,	5B1B	274	274	236	236	236	236	236	236	236	236	236	236	236	274
18 TOTAL DEDICATED RESOURCES		580	580	580	580	580	580	580	580	580	580	580	580	580	580

TABLE D-11 (CONTINUED)

GRANT COUNTY PUD #2
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS	32	32	32	32	32	32	32	32	32	32	32	32	32	32
21 NON-UTIITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
21 TOTAL NONDEDICATED RES	79	79	76	73	65	65	65	65	73	78	78	81	80	80
22 TOTAL RESOURCES	659	659	656	653	645	645	645	645	653	658	658	661	660	660

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 BOX CANYON DED SHARE	5B1A	37	39	39	37	38	38	38	37	37	37	34	35	37	39
3 TOTAL HYDRO		38	40	40	38	39	39	39	38	38	38	35	36	38	40
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL;PWR SALE	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
6 TOTAL CONTRACTS OUT		-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	23	25	25	23	24	24	24	23	23	23	20	21	23	25
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		23	25	25	23	24	24	24	23	23	23	20	21	23	25
NONDEDICATED RESOURCES															
12 RHYD: BOX CANYON AF ENC.PD		43	43	43	43	43	43	43	43	43	43	43	43	43	43
13 C.I.: SCL TO PEND O ,PWR SA		32	32	32	32	32	32	32	32	32	32	32	32	32	32
14 C.I.: WWP TO PEND O ,PWR SA		11	11	11	11	11	11	11	11	11	11	11	11	11	11
15 TOTAL NONDEDICATED RES		86	86	86	86	86	86	86	86	86	86	86	86	86	86
16 TOTAL RESOURCES		109	111	111	109	110	110	110	109	109	109	106	107	109	111

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 BOX CANYON DED SHARE	5B1A	37	39	39	37	38	38	38	37	37	37	34	35	37	39
3 TOTAL HYDRO		38	40	40	38	39	39	39	38	38	38	35	36	38	40
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
6 TOTAL CONTRACTS OUT		-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	0	0	0	0	0
8 TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	23	25	25	23	24	24	24	23	23	22	19	20	22	24
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		23	25	25	23	24	24	24	23	23	22	19	20	22	24
NONDEDICATED RESOURCES															
12 RHYD: BOX CANYON AF ENC.PD		43	43	43	43	43	43	43	43	43	43	43	43	43	43
13 C.I.: SCL TO PEND O ,PWR SA		32	32	32	32	32	32	32	32	32	32	32	32	32	32
14 C.I.: WWP TO PEND O ,PWR SA		0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL NONDEDICATED RES		75	75	75	75	75	75	75	75	75	75	75	75	75	75
16 TOTAL RESOURCES		98	100	100	98	99	99	99	98	98	97	94	95	97	99

TABLE D-12

PEND OREILLE COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR *
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PEND OREILLE COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
REGULATED HYDRO															
2 BOX CANYON DED SHARE	5B1A	41	43	43	41	42	42	42	41	41	41	38	39	41	43
3 TOTAL HYDRO		42	44	44	42	43	43	43	42	42	42	39	40	42	44
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
4 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PEND O TO SCL,PWR SALE	5B1A	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
6 TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	30	32	32	30	31	31	31	30	30	30	27	28	30	32
10 ACQUIRED, POST ACT,	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		30	32	32	30	31	31	31	30	30	30	27	28	30	32
NONDEDICATED RESOURCES															
12 RHYD: BOX CANYON AF ENC.PD		39	39	39	39	39	39	39	39	39	39	39	39	39	39
13 C.I.: SCL TO PEND O ,PWR SA		36	36	36	36	36	36	36	36	36	36	36	36	36	36
14 C.I.: WWP TO PEND O ,PWR SA		0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL NONDEDICATED RES		75	75	75	75	75	75	75	75	75	75	75	75	75	75
16 TOTAL RESOURCES		105	107	107	105	106	106	106	105	105	105	102	103	105	107

TABLE D-13

SHEET 1 OF 2

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SEATTLE CITY LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	30	30	30	30	30	3	30	30	30	30	30	30	30	10
2 SOUTH FORK TOLT	5B1B	0	0	0	0	7	7	7	7	7	0	0	0	0	0
REGULATED HYDRO															
3 ROSS	5B1A	224	328	281	424	405	381	350	326	310	314	342	332	420	442
4 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
5 GORGE	5B1A	176	177	177	177	177	177	177	177	177	176	176	176	177	177
6 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
7 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	369	330	210	210
8 PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9 TOTAL HYDRO		1506	1611	1564	1707	1695	1644	1640	1616	1600	1596	1783	1734	1703	1705
LARGE THERMAL															
10 CENTRALIA SHARE	5B1A	107	107	107	107	107	107	107	107	107	54	54	107	107	107
11 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	54	54	107	107	107
OTHER RESOURCES															
12 NON-UTILITY GENERATION		120	120	76	27	4	5	10	12	27	88	88	134	141	138
EXPORTS															
IMPORTS															
13 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	129	151	186	220	239	143	143	143	143	143
14 TOTAL IMPORTS		143	143	143	143	129	151	186	220	239	143	143	143	143	143
CONTRACTS OUT															
15 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2
16 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SCL TO PEND O, PS	5B1A	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS OUT		-35	-35	-35	-35	-35	-35	-35	-35	-35	-34	-34	-34	-34	-34

TABLE D-13 (CONTINUED)

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
20 CSPE PURCHASE	5B1A	72	72	72	72	72	72	72	72	72	61	61	61	61	61
21 SUPPLEMENTAL CAPACITY	5B1A	6	6	6	6	6	6	6	6	6	4	4	4	4	4
22 PEND O TO SCL,PWR SALE	5B1A	16	16	16	16	16	16	16	16	16	16	16	16	16	16
23 TOTAL CONTRACTS IN		94	94	94	94	94	94	94	94	94	81	81	81	81	81
TOTAL DEDICATED RESOURCES															
24 ACQUIRED PRIOR TO ACT,	5B1A	1462	1567	1520	1663	1644	1593	1589	1565	1549	1487	1515	1558	1647	1649
25 ACQUIRED, POST ACT,	5B1B	473	473	429	380	350	373	413	449	483	441	600	607	494	491
26 TOTAL DEDICATED RESOURCES		1935	2040	1949	2043	1994	1966	2002	2014	2032	1928	2115	2165	2141	2140
NONDEDICATED RESOURCES															
27 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 IMP: PG&E TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 EXP: SCL TO NCPA, EXCHANGE		-60	-60	-60	-29	0	0	0	0	0	0	0	0	-60	-60
29 EXP: SCL TO PG&E, EXCHANGE		-100	-100	-100	-100	0	0	0	0	0	0	0	0	-100	-100
30 C.O.: SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	-50	0	0	0	0	0	0	0	0	0	0
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 C.I.: TCL TO SCL, EXCHANGE		50	50	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL NONDEDICATED RES		-109	-109	-159	-178	26	47	47	47	47	13	13	1	-159	-159
35 TOTAL RESOURCES		1826	1931	1790	1865	2020	2013	2049	2061	2079	1941	2128	2166	1982	1981

TABLE D-13

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SEATTLE CITY LIGHT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1	CEDAR FALLS,NEWHALEM	5B1A	30	30	30	30	30	3	30	30	30	30	30	30	30	10
2	SOUTH FORK TOLT	5B1B	0	0	0	0	7	7	7	7	7	0	0	0	0	0
REGULATED HYDRO																
3	ROSS	5B1A	224	328	281	424	405	381	350	326	310	314	342	332	420	442
4	DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
5	GORGE	5B1A	176	177	177	177	177	177	177	177	177	176	176	176	177	177
6	BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
7	BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	369	330	210	210
8	PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9	TOTAL HYDRO		1506	1611	1564	1707	1695	1644	1640	1616	1600	1596	1783	1734	1703	1705
LARGE THERMAL																
10	CENTRALIA SHARE	5B1A	107	107	107	107	107	107	107	107	107	107	54	107	107	107
11	TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	107	54	107	107	107
OTHER RESOURCES																
12	NON-UTILITY GENERATION		121	121	76	28	4	5	10	12	27	88	88	134	141	138
EXPORTS																
IMPORTS																
13	BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	129	151	186	220	239	143	143	143	143	143
14	TOTAL IMPORTS		143	143	143	143	129	151	186	220	239	143	143	143	143	143
CONTRACTS OUT																
15	CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
16	CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	SCL TO PEND O, PS	5B1A	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
18	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	TOTAL CONTRACTS OUT		-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-33

TABLE D-13 (CONTINUED)

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
20 CSPE PURCHASE	5B1A	25	25	25	25	25	25	25	25	25	24	24	24	24	24
21 SUPPLEMENTAL CAPACITY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22 PEND O TO SCL,PWR SALE	5B1A	16	16	16	16	16	16	16	16	16	16	16	16	16	16
23 TOTAL CONTRACTS IN		43	43	43	43	43	43	43	43	43	42	42	42	42	42
TOTAL DEDICATED RESOURCES															
24 ACQUIRED PRIOR TO ACT,	5B1A	1413	1518	1471	1614	1595	1544	1540	1516	1500	1502	1477	1520	1609	1611
25 ACQUIRED, POST ACT,	5B1B	474	474	429	381	350	373	413	449	483	441	600	607	494	491
26 TOTAL DEDICATED RESOURCES		1887	1992	1900	1995	1945	1917	1953	1965	1983	1943	2077	2127	2103	2102
NONDEDICATED RESOURCES															
27 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 IMP: PG&E TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 EXP: SCL TO NCPA, EXCHANGE		-60	-60	-60	-29	0	0	0	0	0	0	0	0	-60	-60
29 EXP: SCL TO PG&E, EXCHANGE		-100	-100	-100	-100	0	0	0	0	0	0	0	0	-100	-100
30 C.O.: SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	-50	0	0	0	0	0	0	0	0	0	0
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 C.I.: TCL TO SCL, EXCHANGE		50	50	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL NONDEDICATED RES		-109	-109	-159	-178	26	47	47	47	47	13	13	1	-159	-159
35 TOTAL RESOURCES		1778	1883	1741	1817	1971	1964	2000	2012	2030	1956	2090	2128	1944	1943

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SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SEATTLE CITY LIGHT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	30	30	30	30	30	3	30	30	30	30	30	30	30	10
2 SOUTH FORK TOLT	5B1B	0	0	0	0	7	7	7	7	7	0	0	0	0	0
REGULATED HYDRO															
3 ROSS	5B1A	224	328	281	424	405	381	350	326	310	314	342	332	420	442
4 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
5 GORGE	5B1A	176	177	177	177	177	177	177	177	177	176	176	176	177	177
6 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
7 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	369	330	210	210
8 PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9 TOTAL HYDRO		1506	1611	1564	1707	1695	1644	1640	1616	1600	1596	1783	1734	1703	1705
LARGE THERMAL															
10 CENTRALIA SHARE	5B1A	107	107	107	107	107	107	107	107	107	54	107	107	107	107
11 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	54	107	107	107	107
OTHER RESOURCES															
12 NON-UTILITY GENERATION		120	120	75	28	4	5	10	12	27	88	88	134	141	138
EXPORTS															
IMPORTS															
13 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	129	151	186	220	239	143	143	143	143	143
14 TOTAL IMPORTS		143	143	143	143	129	151	186	220	239	143	143	143	143	143
CONTRACTS OUT															
15 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SCL TO PEND O, PS	5B1A	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS OUT		-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36

TABLE D-13 (CONTINUED)

SHEET 2 OF 2

SEATTLE CITY LIGHT
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
CONTRACTS IN															
20 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PEND O TO SCL,PWR SALE	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
23 TOTAL CONTRACTS IN		12	12	12	12	12	12	12	12	12	12	12	12	12	12
TOTAL DEDICATED RESOURCES															
24 ACQUIRED PRIOR TO ACT,	5B1A	1379	1484	1437	1580	1561	1510	1506	1482	1466	1416	1497	1487	1576	1578
25 ACQUIRED, POST ACT,	5B1B	473	473	428	381	350	373	413	449	483	441	600	607	494	491
26 TOTAL DEDICATED RESOURCES		1852	1957	1865	1961	1911	1883	1919	1931	1949	1857	2097	2094	2070	2069
NONDEDICATED RESOURCES															
27 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
28 IMP: NCPA TO SCL, EXCHANGE		0	0	0	0	25	46	46	46	46	12	12	0	0	0
28 IMP: PG&E TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 EXP: SCL TO NCPA, EXCHANGE		-60	-60	-60	-29	0	0	0	0	0	0	0	0	-60	-60
29 EXP: SCL TO PG&E, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 C.O.: SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 C.O.: SCL TO TCL, EXCHAGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 C.I.: ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 C.I.: TCL TO SCL, EXCHANGE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL NONDEDICATED RES		-59	-59	-59	-28	26	47	47	47	47	13	13	1	-59	-59
35 TOTAL RESOURCES		1793	1898	1806	1933	1937	1930	1966	1978	1996	1870	2110	2095	2011	2010

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
REGULATED HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	53	53	107	107	107
3 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	53	53	107	107	107
OTHER RESOURCES															
4 NON-UTILITY GEN	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SCOTT PAPER, COGEN	5B1B	0	0	0	0	0	0	27	27	27	38	38	38	38	38
6 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	9	9	9	9	9	9	9	9	9	7	7	7	7	7
8 TOTAL CONTRACTS IN		9	9	9	9	9	9	9	9	9	7	7	7	7	7
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	9	9	9	9	9	9	9	9	9	7	7	7	7	7
10 ACQUIRED, POST ACT,	5B1B	211	211	211	211	211	211	211	211	211	157	157	211	211	211
11 TOTAL DEDICATED RESOURCES		220	220	220	220	220	220	220	220	220	164	164	218	218	218
NONDEDICATED RESOURCES															
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
14 EXP: SNOH TO SMUD, PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGEN, SCOTT PAPER		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 TOTAL NONDEDICATED RES		-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
17 TOTAL RESOURCES		215	215	215	214	212	210	210	211	212	157	157	212	213	213

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
REGULATED HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	107	53	107	107	107
3 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	107	53	107	107	107
OTHER RESOURCES															
4 NON-UTILITY GEN	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SCOTT PAPER, COGEN	5B1B	2	2	-9	1	1	1	1	1	1	12	12	12	5	5
6 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8 TOTAL CONTRACTS IN		3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10 ACQUIRED, POST ACT,	5B1B	211	211	211	211	211	211	211	211	211	211	157	211	211	211
11 TOTAL DEDICATED RESOURCES		214	214	214	214	214	214	214	214	214	214	160	214	214	214
NONDEDICATED RESOURCES															
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
14 EXP: SNOH TO SMUD, PS		-36	-36	-36	-26	-26	-26	-26	-26	-26	-26	-26	-26	-33	-33
15 COGEN, SCOTT PAPER		36	36	36	26	26	26	26	26	26	26	26	26	33	33
16 TOTAL NONDEDICATED RES		-5	-5	-5	-6	-8	-10	-10	-8	-8	-7	-7	-6	-5	-5
17 TOTAL RESOURCES		209	209	209	208	206	204	204	205	206	207	153	208	209	209

TABLE D-14

SNOHOMISH COUNTY PUD #1
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SNOHOMISH COUNTY PUD #1 DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
REGULATED HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	53	107	107	107	107
3 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	53	107	107	107	107
OTHER RESOURCES															
4 NON-UTILITY GEN	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 SCOTT PAPER, COGEN	5B1B	2	2	-9	1	1	1	1	1	1	12	12	12	5	5
6 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
9 ACQUIRED PRIOR TO ACT,	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 ACQUIRED, POST ACT,	5B1B	211	211	211	211	211	211	211	211	211	157	211	211	211	211
11 TOTAL DEDICATED RESOURCES		211	211	211	211	211	211	211	211	211	157	211	211	211	211
NONDEDICATED RESOURCES															
12 NON-UTILITY GENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 C.O.: SNOH TO PSP&L,PS P		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 EXP: SNOH TO SMUD, PS		-36	-36	-36	-26	-26	-26	-26	-26	-26	-26	-26	-26	-33	-33
15 COGEN, SCOTT PAPER		36	36	36	26	26	26	26	26	26	26	26	26	33	33
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		211	211	211	211	211	211	211	211	211	157	211	211	211	211

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TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 WYNOCHEE	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
REGULATED HYDRO															
2 CUSHMAN 1	5B1A	19	45	46	44	42	42	41	17	42	18	26	46	37	19
3 CUSHMAN 2	5B1A	0	45	88	88	88	64	88	6	88	2	15	84	32	0
4 ALDER	5B1A	52	51	51	48	44	43	40	42	48	50	51	51	50	48
5 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
6 MOSSYROCK	5B1A	384	384	384	384	358	322	272	244	245	251	267	292	314	317
7 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
8 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
9 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		775	845	889	884	852	791	761	629	743	641	679	793	753	704
LARGE THERMAL															
11 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	54	53	107	107	107
12 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	54	53	107	107	107
OTHER RESOURCES															
EXPORTS			—												
IMPORTS															
CONTRACTS OUT															
13 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2
14 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS OUT		-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-2
CONTRACTS IN															
16 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19
17 SUPPLEMENTAL CAPACITY	5B1A	6	6	6	6	6	6	6	6	6	4	4	4	4	4
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		25	25	25	25	25	25	25	25	25	23	23	23	23	23
TOTAL DEDICATED RESOURCES															
20 ACQUIRED PRIOR TO ACT,	5B1A	778	848	892	887	855	794	764	632	746	643	681	795	755	706
21 ACQUIRED, POST ACT,	5B1B	175	175	175	175	175	175	175	175	175	122	121	175	175	175
22 TOTAL DEDICATED RESOURCES		903	973	1017	1012	980	919	889	757	871	715	752	920	880	831

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1995-96 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
25 C.O.: TCL TO SCL, EXCHANGE	-50	-50	0	0	0	0	0	0	0	0	0	0	0	0
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	50	0	0	0	0	0	0	0	0	0	0
27 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	0	38	38
28 CSPE PURCHASE	54	54	54	54	54	54	54	54	54	54	43	43	43	43
29 TOTAL NONDEDICATED RES	0	0	18	69	19	52	52	52	52	41	41	3	41	40
30 TOTAL RESOURCES	904	974	1035	1081	999	971	941	809	923	756	793	923	921	871

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SHEET 1 OF 2

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TACOMA PUBLIC UTILITIES															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 WYNOCHEE	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
REGULATED HYDRO															
2 CUSHMAN 1	5B1A	19	45	46	44	42	42	41	17	42	18	26	46	37	19
3 CUSHMAN 2	5B1A	0	45	88	88	88	64	88	6	88	2	15	84	32	0
4 ALDER	5B1A	52	51	51	48	44	43	40	42	48	50	51	51	50	48
5 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
6 MOSSYROCK	5B1A	384	384	384	384	358	322	272	244	245	251	267	292	314	317
7 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
8 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
9 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		775	845	889	884	852	791	761	629	743	641	679	793	753	704
LARGE THERMAL															
11 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	107	53	107	107	107
12 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	107	53	107	107	107
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
13 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN															
16 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19
17 SUPPLEMENTAL CAPACITY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		21	21	21	21	21	21	21	21	21	21	21	21	21	21
TOTAL DEDICATED RESOURCES															
20 ACQUIRED PRIOR TO ACT,	5B1A	776	846	890	885	853	792	762	630	744	642	680	794	754	705
21 ACQUIRED, POST ACT,	5B1B	175	175	175	175	175	175	175	175	175	175	121	175	175	175
22 TOTAL DEDICATED RESOURCES		901	971	1015	1010	978	917	887	755	869	767	751	919	879	830

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

1999- 0 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
25 C.O.: TCL TO SCL, EXCHANGE	-50	-50	0	0	0	0	0	0	0	0	0	0	0	0
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	50	0	0	0	0	0	0	0	0	0	0
27 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	0	38	38
28 CSPE PURCHASE	7	7	7	7	7	7	7	7	7	6	6	6	6	6
29 TOTAL NONDEDICATED RES	-47	-47	-30	22	-29	5	5	5	5	4	4	-35	4	3
30 TOTAL RESOURCES	855	925	986	1032	950	922	892	760	874	771	755	885	883	833

TABLE D-15

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
TACOMA PUBLIC UTILITIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 WYNOCHEE	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
REGULATED HYDRO															
2 CUSHMAN 1	5B1A	19	45	46	44	42	42	41	17	42	18	26	46	37	19
3 CUSHMAN 2	5B1A	0	45	88	88	88	64	88	6	88	2	15	84	32	0
4 ALDER	5B1A	52	51	51	48	44	43	40	42	48	50	51	51	50	48
5 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
6 MOSSYROCK	5B1A	384	384	384	384	358	322	272	244	245	251	267	292	314	317
7 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
8 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
9 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
10 TOTAL HYDRO		775	845	889	884	852	791	761	629	743	641	679	793	753	704
LARGE THERMAL															
11 CENTRALIA SHARE	5B1B	107	107	107	107	107	107	107	107	107	53	107	107	107	107
12 TOTAL LARGE THERMAL		107	107	107	107	107	107	107	107	107	53	107	107	107	107
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
13 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
16 CSPE PURCHASE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
20 ACQUIRED PRIOR TO ACT,	5B1A	775	845	889	884	852	791	761	629	743	641	679	793	753	704
21 ACQUIRED, POST ACT,	5B1B	157	157	157	157	157	157	157	157	157	103	157	157	157	157
22 TOTAL DEDICATED RESOURCES		882	952	996	991	959	898	868	736	850	694	786	900	860	811

TABLE D-15 (CONTINUED)

TACOMA PUBLIC UTILITIES
DEDICATED AND NONDEDICATED RESOURCES

2004- 5 OPERATING YEAR

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
23 IHYD: HOOD STREET	0	0	0	1	1	1	1	1	1	1	1	1	1	0
24 EXP: TCL TO WAPA,PWR SALE	-41	-41	-74	-74	-74	-41	0	0	0	0	0	0	0	0
25 C.O.: TCL TO SCL, EXCHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 C.I.: SCL TO TCL, EXCHANGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	0	38	38
28 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 TOTAL NONDEDICATED RES	-3	-3	-36	-35	-35	-2	39	39	39	39	39	1	39	38
30 TOTAL RESOURCES	879	949	960	956	924	896	907	775	889	733	825	901	899	849

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 GEM STATE HYDRO CIDFL	5B1B	20	20	16	13	14	15	15	15	22	22	22	21	21	22
2 ISLAND PARK FLRV	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3 MILL CREEK LEWIS	5B1B	1	1	1	1	1	1	1	0	1	1	1	1	1	1
4 MORSE CREEK PRT ANGLS	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6 REEDER GULCH ASHLND	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 SODA CREEK SODA SPR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9 STRAWBERRY LOW VAL	5B1A	1	1	2	2	1	2	2	1	1	2	2	1	2	2
REGULATED HYDRO															
10 WELLS OKANOGAN SHARE	5B1A	12	12	15	15	15	15	15	15	15	15	15	15	15	12
11 WELLS OKANOGAN SHARE	5B1B	55	55	52	52	52	52	52	52	52	52	52	52	52	55
12 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14 WANAPUM M FREE SHARE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15 PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16 PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18 PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19 TOTAL HYDRO		143	143	140	137	137	139	139	137	145	146	146	144	145	146
LARGE THERMAL															
57 LG THM, CENTRALIA GH	5B1B	54	54	54	54	54	54	54	54	54	27	27	54	54	54
23 TOTAL LARGE THERMAL		54	54	54	54	54	54	54	54	54	27	27	54	54	54
OTHER RESOURCES															
20 C.T., COGENTRIX CLRK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 RENEW, SHORT MT EMRLD	5B1B	2	2	2	2	2	2	3	3	3	3	3	3	3	3
22 NON-UTILITY GEN	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
23 TOTAL OTHER RESOURCES		13	13	13	13	13	13	14	14	14	14	14	14	14	14
EXPORTS															
24 CIDFL TO UTAH,GEM ST HY	5B1B	-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22
25 TOTAL EXPORTS		-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22

TABLE D-16 (CONTINUED)

SHEET 2 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

1995-96 OPERATING YEAR

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE															
33 WELLS OKANOG CER	5B1A	0	0	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2
CANADIAN ENTITLEMENT RETURN TO CANADA															
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
45 CSPE PURCHSE	5B1A	79	79	79	79	79	79	79	79	79	66	66	66	66	66
46 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
47 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
48 BPA TO CLK,PKWD LAKE	5B1B	33	33	33	33	33	33	33	33	33	33	33	33	33	33
49 IDA TO OR TRAIL, SALE	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	0
50 PSPL TO GHBR, CEN XCHG	5B1B	30	30	65	65	65	65	65	65	65	65	65	30	30	30
51 TOTAL CONTRACTS IN		177	177	212	212	212	212	212	212	212	199	199	164	164	153
TOTAL DEDICATED RESOURCES															
52 ACQUIRED PRIOR TO ACT,	5B1A	162	162	166	166	165	166	166	165	165	153	153	152	153	150
53 ACQUIRED, POST ACT,	5B1B	202	202	250	247	248	249	250	249	257	230	230	221	200	193
54 TOTAL DEDICATED RESOURCES		365	365	417	414	414	416	417	415	423	384	384	374	354	343

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
55 IHYD: THE DALLES FSH NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56 IHYD: MCNARY FISHWAY NWSCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61 C.O.: N WASCO TO PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0
63 C.O.: LCPD TO PSPL, SP	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
64 TOTAL NONDEDICATED RES	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
65 TOTAL RESOURCES	364	364	416	412	412	413	414	413	421	382	382	372	353	342

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 GEM STATE HYDRO CIDFL	5B1B	20	20	16	13	14	15	15	15	22	22	22	21	21	22
2 ISLAND PARK FLRV	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3 MILL CREEK LEWIS	5B1B	1	1	1	1	1	1	1	0	1	1	1	1	1	1
4 MORSE CREEK PRT ANGLS	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6 REEDER GULCH ASHLND	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 SODA CREEK SODA SPR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9 STRAWBERRY LOW VAL	5B1A	1	1	2	2	1	2	2	1	1	2	2	1	2	2
REGULATED HYDRO															
10 WELLS OKANOGAN SHARE	5B1A	12	12	15	15	15	15	15	15	15	15	15	15	15	12
11 WELLS OKANOGAN SHARE	5B1B	55	55	52	52	52	52	52	52	52	52	52	52	52	55
12 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14 WANAPUM M FREE SHARE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15 PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16 PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18 PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19 TOTAL HYDRO		143	143	140	137	137	139	139	137	145	146	146	144	145	146
LARGE THERMAL															
57 LG THM, CENTRALIA GH	5B1B	54	54	54	54	54	54	54	54	54	54	27	54	54	54
23 TOTAL LARGE THERMAL		54	54	54	54	54	54	54	54	54	54	27	54	54	54
OTHER RESOURCES															
20 C.T., COGENTRIX CLRK	5B1B	220	220	220	220	220	220	220	220	220	220	220	220	220	220
21 RENEW, SHORT MT EMRLD	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4
22 NON-UTILITY GEN	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
23 TOTAL OTHER RESOURCES		235	235	235	235	235	235	235	235	235	235	235	235	235	235
EXPORTS															
24 CIDFL TO UTAH,GEM ST HY	5B1B	-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22
25 TOTAL EXPORTS		-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1999- 0 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE															
33 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CANADIAN ENTITLEMENT RETURN TO CANADA															
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN															
45 CSPE PURCHSE	5B1A	27	27	27	27	27	27	27	27	27	26	26	26	26	26
46 SUPPLEMENTAL CAPACITY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
47 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
48 BPA TO CLK,PKWD LAKE	5B1B	33	33	33	33	33	33	33	33	33	33	33	33	33	33
49 IDA TO OR TRAIL, SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 PSPL TO GHBR, CEN XCHG	5B1B	30	30	65	65	65	65	65	65	65	65	65	30	30	30
51 TOTAL CONTRACTS IN		112	112	147	147	147	147	147	147	147	146	146	111	111	111
TOTAL DEDICATED RESOURCES															
52 ACQUIRED PRIOR TO ACT,	5B1A	109	109	113	113	112	113	113	112	112	112	112	111	112	109
53 ACQUIRED, POST ACT,	5B1B	414	414	462	459	460	461	461	460	468	468	441	432	411	414
54 TOTAL DEDICATED RESOURCES		523	523	575	572	572	574	574	572	580	580	553	543	523	523

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR
PEAK IN MEGAWATTS

1999- 0 OPERATING YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
55 IHYD: THE DALLES FSH NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56 IHYD: MCNARY FISHWAY NWSCO	8	8	8	8	8	8	8	8	8	8	8	8	8	8
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
61 C.O.: N WASCO TO PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0
63 C.O.: LCPD TO PSPL, SP	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
64 TOTAL NONDEDICATED RES	-1	-1	-1	-1	-1	-2	-2	-2	-1	-1	-1	-1	-1	-1
65 TOTAL RESOURCES	522	522	574	571	570	572	572	570	578	579	552	542	522	522

TABLE D-16

SHEET 1 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR PEAK IN MEGAWATTS			AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
SMALL & NON GEN PUBLIC AGENCIES DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
1	GEM STATE HYDRO CIDFL	5B1B	20	20	16	13	14	15	15	15	22	22	22	21	21	22
2	ISLAND PARK FLRV	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	MILL CREEK LEWIS	5B1B	1	1	1	1	1	1	1	0	1	1	1	1	1	1
4	MORSE CREEK PRT ANGLS	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	REEDER GULCH ASHLND	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	SODA CREEK SODA SPR	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	STRAWBERRY LOW VAL	5B1A	1	1	2	2	1	2	2	1	1	2	2	1	2	2
REGULATED HYDRO																
10	WELLS OKANOGAN SHARE	5B1A	12	12	15	15	15	15	15	15	15	15	15	15	15	12
11	WELLS OKANOGAN SHARE	5B1B	55	55	52	52	52	52	52	52	52	52	52	52	52	55
12	WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
13	WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14	WANAPUM M FREE SHARE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15	PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18	PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
19	TOTAL HYDRO		143	143	140	137	137	139	139	137	145	146	146	144	145	146
LARGE THERMAL																
57	LG THM, CENTRALIA GH	5B1B	54	54	54	54	54	54	54	54	54	27	54	54	54	54
23	TOTAL LARGE THERMAL		54	54	54	54	54	54	54	54	54	27	54	54	54	54
OTHER RESOURCES																
20	C.T., COGENTRIX CLRK	5B1B	220	220	220	220	220	220	220	220	220	220	220	220	220	220
21	RENEW, SHORT MT EMRLD	5B1B	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	NON-UTILITY GEN	5B1B	11	11	11	11	11	11	11	11	11	11	11	11	11	11
23	TOTAL OTHER RESOURCES		236	236	236	236	236	236	236	236	236	236	236	236	236	236
EXPORTS																
24	CIDFL TO UTAH,GEM ST HY	5B1B	-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22
25	TOTAL EXPORTS		-20	-20	0	0	0	0	0	0	0	0	0	0	-21	-22

TABLE D-16 (CONTINUED)

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

		AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
26 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN FOR CSPE															
33 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN TO CANADA															
35 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
45 CSPE PURCHSE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
48 BPA TO CLK,PKWD LAKE	5B1B	33	33	33	33	33	33	33	33	33	33	33	33	33	33
49 IDA TO OR TRAIL, SALE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 PSPL TO GHBR, CEN XCHG	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 TOTAL CONTRACTS IN		53	53	53	53	53	53	53	53	53	53	53	53	53	53
TOTAL DEDICATED RESOURCES															
52 ACQUIRED PRIOR TO ACT,	5B1A	80	80	84	84	83	84	84	83	83	84	84	83	84	81
53 ACQUIRED, POST ACT,	5B1B	386	386	399	396	397	398	398	397	405	378	405	404	383	386
54 TOTAL DEDICATED RESOURCES		466	466	483	480	480	482	482	480	488	462	489	487	467	467

TABLE D-16 (CONTINUED)

SHEET 3 OF 3

SMALL & NON GENERATING PUBLIC AGENCIES INCLUDING CLARK AND GRAYS HARBOR
DEDICATED AND NONDEDICATED RESOURCES

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

2004- 5 OPERATING YEAR

1930 WATER YEAR
PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
NONDEDICATED RESOURCES														
55 IHYD: THE DALLES FSH NWSCO	4	4	4	4	4	4	4	4	4	4	4	4	4	4
56 IHYD: MCNARY FISHWAY NWSCO	8	8	8	8	8	8	8	8	8	8	8	8	8	8
58 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59 SM TH & MISC, DIESEL CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60 C.O.: N WASCO TO BPA,MCNARY	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
61 C.O.: N WASCO TO PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
62 C.O.: MASON#3 TO PSPL, SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63 C.O.: LCPD TO PSPL, SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64 TOTAL NONDEDICATED RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65 TOTAL RESOURCES	466	466	483	480	480	482	482	480	488	462	489	487	467	467

SECTION XVII - CAPACITY SURPLUS/DEFICIT SENSITIVITIES

Monthly Capacity Analysis

Section XVII: Capacity Surplus/Deficit Sensitivities	Table	Page
Northwest Regional Firm Capacity Surplus/Deficit Sensitivities— 20-Year Summary—Assuming Existing Regional Resources and Regional Contracts		
50-Hour Medium Load	S-1	TA-1-748
30-Hour - Medium Load	S-1A	TA-1-749
70-Hour - Medium Load	S-1B	TA-1-750
Federal System Firm Capacity Surplus/Deficit Sensitivities— 20-Year Summary—Assuming Existing Federal Resources and Federal Contracts		
50-Hour Medium Load	S-2	TA-1-751
30-Hour - Medium Load	S-2A	TA-1-752
70-Hour - Medium Load	S-2B	TA-1-753

TABLE R-1: 50-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING REGIONAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PEAK IN MEGAWATTS														
1995-96	4585	5032	4487	3326	1421	667	-3302	-2647	1440	4913	5439	6100	6326	6706
1996-97	4051	4351	4062	3157	1790	523	-3434	-2830	1398	5131	5221	6343	6264	6588
1997-98	4027	4473	4035	2903	1485	191	-3718	-2969	1462	4747	4588	6059	5988	6320
1998-99	3759	4204	3408	2119	369	-339	-4234	-3501	822	4042	3978	5257	5289	5646
1999-00	3326	3770	3240	1848	-213	-1226	-5119	-4345	-88	3638	3722	4722	5217	5512
2000-01	3001	3446	2718	1479	-640	-1679	-5523	-4821	-149	3479	3416	4720	4897	5380
2001-02	2820	3265	2461	1245	-1084	-1923	-5882	-5289	-667	2231	3126	4163	4640	5013
2002-03	2466	2910	2374	860	-1005	-2385	-6300	-5703	-1655	1791	2288	3693	3913	4282
2003-04	1688	2133	1411	62	-1851	-3247	-7089	-6452	-1417	2010	1946	3427	3762	4055
2004-05	1540	1984	1174	-336	-2689	-3599	-7437	-6686	-2027	1448	2554	3245	3589	3946

TABLE R-1A: 30-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING REGIONAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1995-96	5522	6043	5152	3990	2700	1846	-2320	-1683	2244	6320	5539	6122	7664	8105
1996-97	4988	5362	4726	3821	3069	1701	-2453	-1867	2203	6537	5318	6361	7602	7987
1997-98	4965	5483	4699	3567	2764	1370	-2737	-2006	2267	6153	4685	6077	7326	7719
1998-99	4696	5215	4072	2784	1648	839	-3253	-2537	1626	5448	4075	5276	6627	7046
1999-00	4263	4781	3905	2512	1066	-47	-4138	-3381	717	5045	3819	4740	6554	6911
2000-01	3938	4457	3383	2143	638	-501	-4541	-3857	656	4885	3513	4738	6234	6779
2001-02	3757	4276	3125	1910	195	-744	-4900	-4326	138	3638	3222	4182	5977	6412
2002-03	3403	3921	3038	1525	274	-1206	-5319	-4740	-851	3197	2384	3711	5250	5681
2003-04	2626	3144	2076	726	-572	-2068	-6107	-5489	-613	3417	2043	3447	5100	5455
2004-05	2478	2995	1838	328	-1411	-2420	-6455	-5722	-1222	2854	2651	3263	4926	5345

TABLE R-1B: 70-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 70-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING REGIONAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
PEAK IN MEGAWATTS														
1995-96	3730	4143	3731	2570	354	-381	-4263	-3599	560	3672	4230	4871	4986	5483
1996-97	3196	3462	3306	2401	723	-525	-4395	-3783	519	3889	4012	5114	4924	5365
1997-98	3172	3583	3279	2147	418	-857	-4679	-3922	583	3505	3378	4830	4648	5097
1998-99	2904	3315	2652	1363	-698	-1387	-5195	-4453	-58	2800	2768	4028	3949	4424
1999-00	2471	2881	2484	1092	-1280	-2273	-6080	-5297	-967	2397	2512	3493	3877	4289
2000-01	2146	2557	1962	723	-1708	-2727	-6484	-5773	-1028	2237	2206	3490	3557	4157
2001-02	1965	2376	1705	489	-2151	-2970	-6843	-6242	-1546	990	1916	2934	3299	3790
2002-03	1611	2021	1618	104	-2072	-3433	-7261	-6655	-2535	549	1078	2464	2572	3059
2003-04	834	1244	655	-694	-2918	-4295	-8050	-7405	-2297	769	736	2198	2422	2833
2004-05	686	1095	418	-1092	-3757	-4647	-8398	-7638	-2906	206	1344	2016	2249	2723

TABLE F-1: 50-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL SYSTEM FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING FEDERAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1995-96	2949	3275	2179	1196	1197	1581	-1719	-1364	817	4262	4731	5068	3985	4541
1996-97	2727	3057	2033	1551	1450	1864	-1472	-1124	1163	4402	4791	5599	4497	4734
1997-98	2952	3292	2456	1578	1434	1854	-1451	-1106	1219	4408	4797	5587	4511	4771
1998-99	2963	3306	2215	1326	1150	1670	-1648	-1301	1072	4049	4533	5209	4152	4417
1999-00	2854	3197	2110	1224	724	1142	-2167	-1818	610	3838	4322	5092	4308	4670
2000-01	2864	3204	2111	1222	678	1140	-2131	-1800	614	3842	4327	5081	4324	4700
2001-02	3162	3503	2387	1751	628	1094	-2214	-1886	814	3675	4264	5051	4304	4889
2002-03	3077	3418	2304	1646	497	962	-2345	-2027	609	3241	3830	4619	3880	4460
2003-04	2649	2990	1892	1212	9	481	-2825	-2516	273	3207	3691	4486	3755	4341
2004-05	2533	2874	1764	1078	-152	325	-2987	-2688	136	2965	3709	4404	3680	4273

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

TABLE F-1A: 30-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING FEDERAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1995-96	3887	4286	2843	1860	2476	2760	-738	-401	1622	5668	4831	5089	5322	5940
1996-97	3665	4068	2697	2216	2729	3042	-491	-161	1967	5809	4888	5617	5835	6133
1997-98	3890	4303	3120	2243	2713	3032	-469	-142	2023	5814	4894	5606	5848	6170
1998-99	3900	4317	2880	1990	2429	2848	-667	-337	1876	5455	4630	5227	5490	5817
1999-00	3791	4208	2774	1888	2003	2321	-1186	-854	1415	5244	4418	5110	5645	6069
2000-01	3801	4215	2775	1887	1957	2318	-1150	-836	1419	5248	4423	5100	5662	6100
2001-02	4100	4514	3051	2416	1906	2273	-1233	-922	1619	5082	4360	5069	5642	6288
2002-03	4014	4429	2968	2310	1776	2141	-1363	-1063	1413	4648	3926	4638	5217	5859
2003-04	3587	4001	2556	1876	1288	1659	-1844	-1552	1077	4614	3788	4506	5093	5740
2004-05	3470	3885	2429	1742	1127	1504	-2005	-1725	940	4372	3806	4422	5018	5672

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

TABLE F-1B: 70-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 70-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS,
EXISTING FEDERAL CONTRACTS, AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1930 WATER YEAR

PEAK IN MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1995-96	2094	2386	1423	440	130	533	-2680	-2316	-62	3020	3521	3838	2645	3318
1996-97	1873	2168	1277	795	383	816	-2433	-2076	283	3161	3581	4369	3157	3511
1997-98	2098	2403	1700	822	367	806	-2412	-2058	339	3166	3587	4358	3171	3548
1998-99	2108	2417	1459	570	83	622	-2609	-2253	192	2807	3324	3979	2812	3195
1999-00	1999	2308	1354	468	-343	94	-3128	-2770	-269	2596	3112	3863	2967	3447
2000-01	2009	2315	1355	466	-389	92	-3092	-2752	-265	2600	3117	3852	2984	3478
2001-02	2308	2614	1631	995	-440	46	-3175	-2838	-65	2434	3054	3821	2964	3666
2002-03	2222	2529	1548	890	-570	-86	-3306	-2979	-271	2000	2620	3390	2539	3237
2003-04	1795	2101	1136	456	-1058	-567	-3786	-3468	-607	1966	2481	3257	2415	3118
2004-05	1678	1985	1008	322	-1220	-723	-3948	-3641	-744	1724	2499	3175	2340	3050

NOTE: 1. BPA SURPLUS POWER SALES CONTRACTS WITH THE PSW ARE SHOWN AS POWER SALES UNTIL THEY EXPIRE.

2. BPA SURPLUS POWER SALES CONTRACT WITH PSP&L IS SHOWN AS A POWER SALE THROUGH JUNE 30, 2001. THE CONTRACT THEN CONVERTS TO A SEASONAL POWER EXCHANGE WHICH EXPIRES JULY 1, 2008.

3. THE FOLLOWING BPA CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED IN THIS ANALYSIS.
   A. BGP TO BPA, SUPPLEMENTAL ENERGY
   B. SCE TO BPA, SUPPLEMENTAL ENERGY
   C. SCE TO BPA, OPTION ENERGY

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SECTION XVIII - CAPACITY WATER YEAR SELECTION

Monthly Capacity Analysis

Section XVIII: Capacity Water Year Selection	Chart	Page
Capacity Water Year Selection		TA-1-757
Correlation of 40 Historic Water Levels		
1945 Base Water		
Instantaneous Peak	1	TA-1-758
Adjusted Sustained Peak	2	TA-1-759
1930 Base Water		
Instantaneous Peak	3	TA-1-760
Adjusted Sustained Peak	4	TA-1-761

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CAPACITY WATER YEAR SELECTION

The Pacific Northwest Utilities Conference Committee (PNUCC) planning assumptions specify 1936-37 water conditions to represent the January hydro peaking capability within the region. Changes in the operation of the hydro system made it necessary for BPA to reevaluate the water condition used in determining peaking capacity. These changes include implementation of the Northwest Power Planning Act, determination of the sustained peaking capability of the Federal hydro projects, and new hydrogeneration restrictions from the U.S. Bureau of Reclamation (USBR) and the U. S. Corps of Engineers.

In order to determine a water level to represent critical peak planning, water levels for the 2- and 4-year critical period were selected as base cases for the regional loads and contract levels in operating year 1984-85.

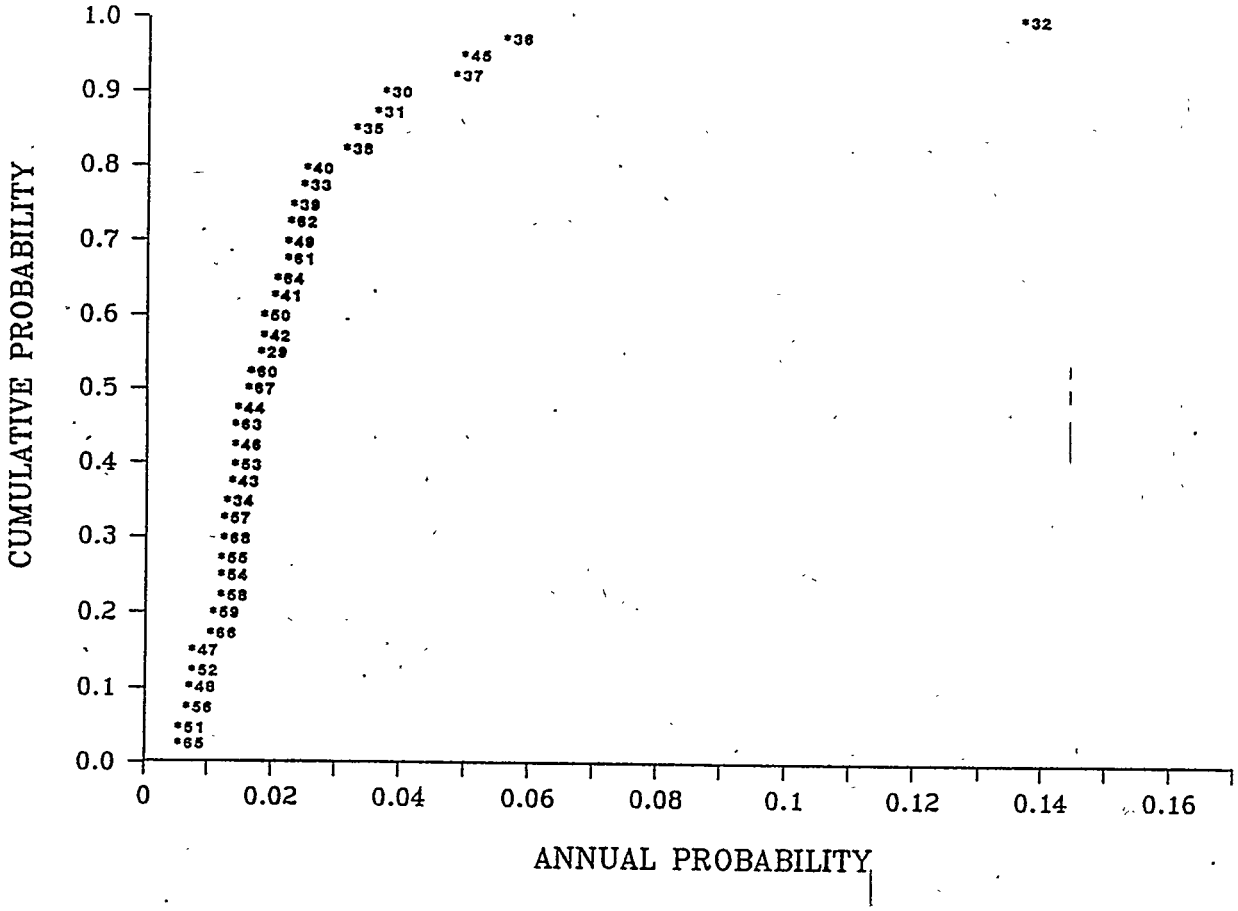
The hydroregulation associated with 1944-45 water year was selected as a base case because studies indicate that its hydroregulation was the second year of the 2-year critical period, as well as the most likely critical period to occur. Similarly, the hydroregulation associated with 1929-30 water year was selected as another base condition because it was the first full year in a 4-year critical period. This analysis uses 40 years of historical water levels because data incorporating 50 years of records was not available at the time. The methodology used was as follows:

- The Coordination Agreement Reserve Program (CARP) was run to determine the Firm Peak Load Carrying Capability (FPLCC) on both an instantaneous and sustained basis for the base water levels;
- The probability of peaking load loss was calculated using the 1983 Initial Rate Filing (Gensum) hydro operation from streamflows associated with the 40 historical water conditions meeting the FPLCC of the base water levels;
- All 40 water years were ranked by their annual probability of peaking load loss; and
- Cumulative probability distribution tables were developed for the annual probability of load loss in each of the 40 water years. The probabilities were analyzed on both an instantaneous and sustained basis to determine an appropriate peaking water level.

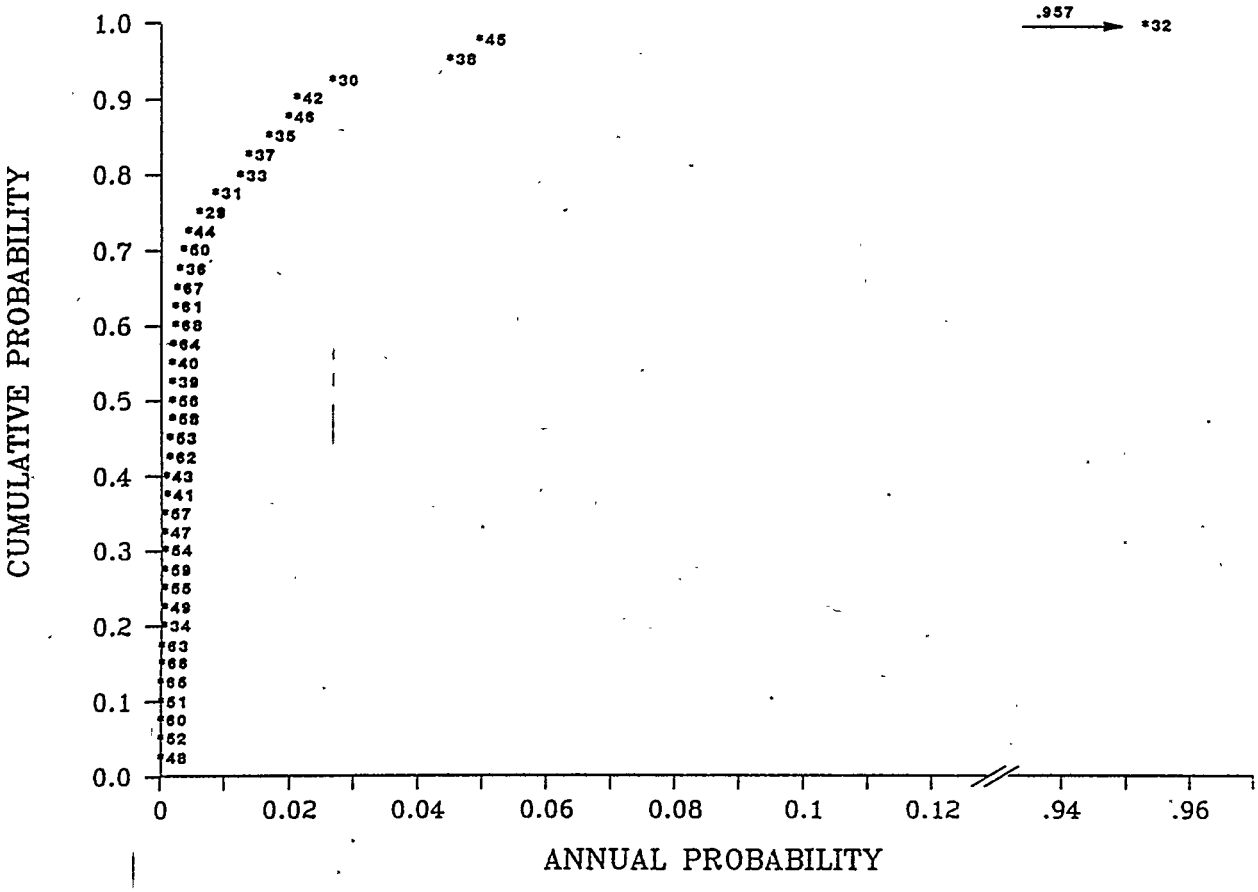
The cumulative probability distributions of the annual probability of load loss are shown in Charts 1 through 4. They illustrate that, for hydroregulation purposes, the base water years of 1929-30 and 1944-45 contain the lowest regional annual peaking capacity. The charts indicate that there is a substantial decrease in system reliability for water levels with greater likelihood of load loss than that associated with the 1929-30 water year. Chart 4 illustrates that the hydroregulation of the 1929-30 water year provides a 50-hours-per-week sustained hydro capability that would be exceeded 93 percent of the time.

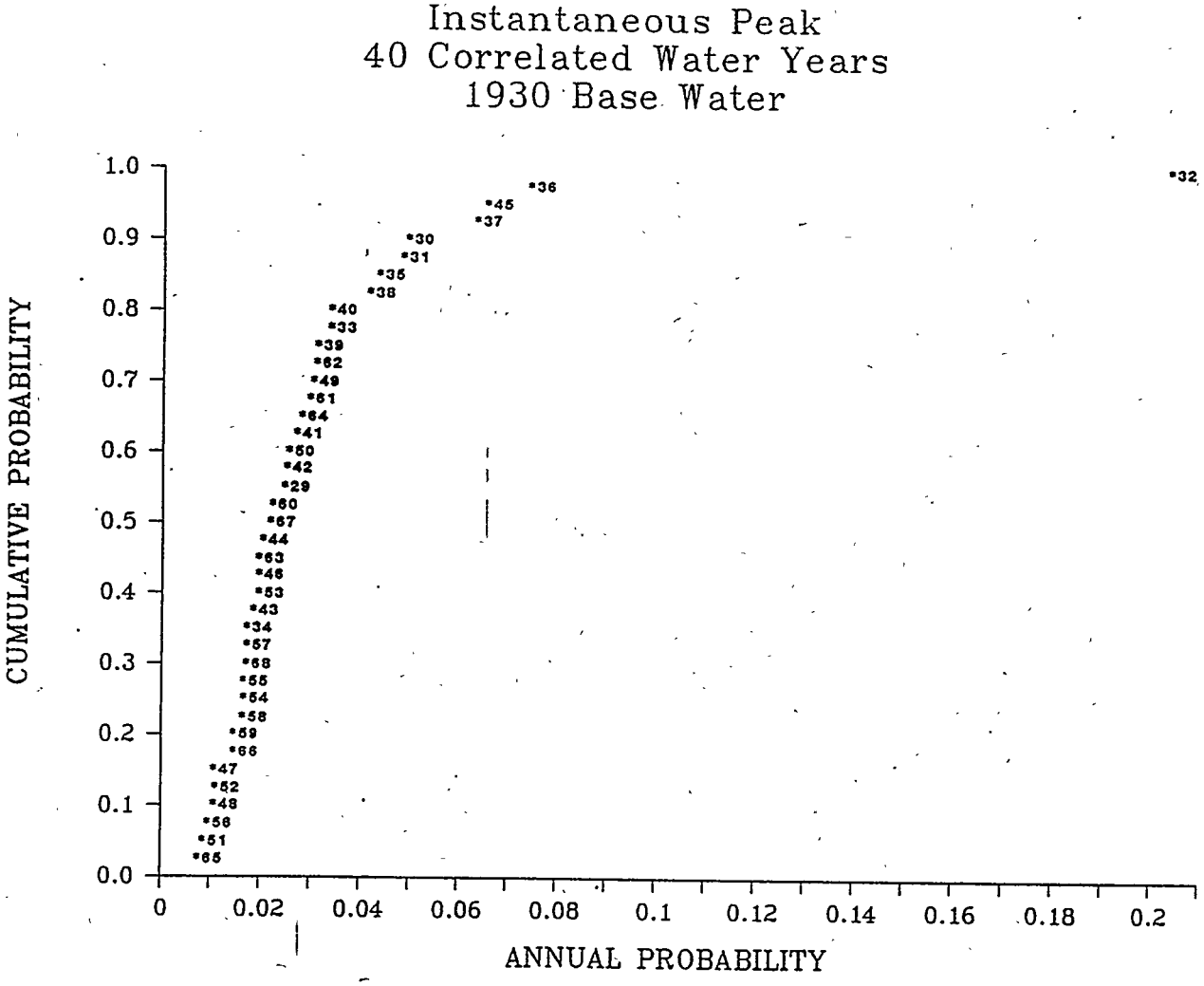
For BPA planning purposes, the hydroregulation associated with 1929-30 water levels was deemed appropriate to represent available hydro peaking with minimal risks to the Federal system for critical peak planning.

Instantaneous Peak
40 Correlated Water Years
1945 Base Water



Sustained Peak
40 Correlated Water Years
1945 Base Water




Instantaneous Peak
40 Correlated Water Years
1930 Base Water
CUMULATIVE PROBABILITY
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0.18
0.2
ANNUAL PROBABILITY
*36
*45
*37
*30
*31
*35
*38
*40
*33
*39
*62
*49
*61
*64
*41
*50
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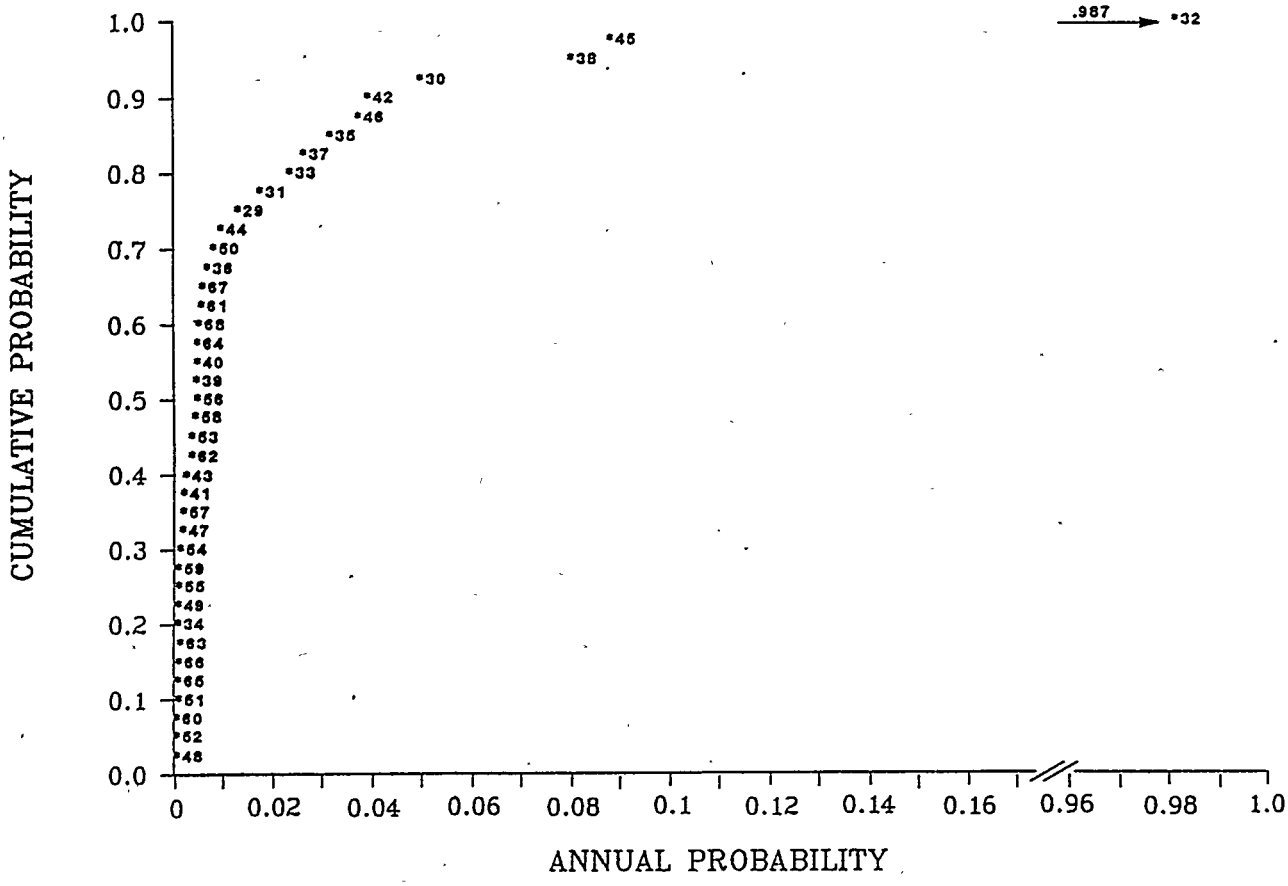
*32

Sustained Peak
40 Correlated Water Years
1930 Base Water



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SECTION XIX - NONFIRM ENERGY ANALYSIS

Monthly Capacity Analysis

Section XIX: Nonfirm Energy Analysis	Page
Nonfirm Energy Analysis	TA-1-765
Regional and FederalSurplus Energy In Excess Of Firm Load Capability, 1928-29 Through 1977-78 Water Levels	
Regional For OY 1995-96	TA-1-767
Federal For OY 1995-96	TA-1-768

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NONFIRM ENERGY ANALYSIS

BPA resource planning uses critical water flows to compute the region's firm hydro energy. In most years, however, the Columbia River Basin collects enough water from rain and snow melt to surpass the region's critical water flows. The amount of hydro generation that can be produced in excess of critical water levels is called nonfirm energy. The availability of nonfirm energy described in this analysis has changed dramatically compared to last year's study.

Analysis of Regional Surplus Energy in Excess of Firm Load

As discussed in the previous section, additional nonpower operating requirements have been placed on the region's hydro system. The NMFS Draft Biological Opinion dated March 16, 1994, created significant impacts on the ability of the system to shape energy generation to follow monthly loads. The Draft Biological Opinion included flow augmentation on both the Snake and Columbia Rivers and their tributaries to aid fish and wildlife. These impacts are included in the continuous 50-year hydro regulation study used in the nonfirm energy analysis. The changes also have made it necessary to analyze the availability of regional surplus energy in excess of firm load differently.

The NMFS Draft Biological Opinion changed the annual shape and amount of regional surplus energy available in excess of firm load. In September through December, there was little nonfirm energy available. In January through mid-April, there were deficits due to Columbia River augmentation storage. Furthermore, in the second part of April through June, the release of the additional stored water created overgenerations, causing these three periods to report the highest three values of 50-year average overgeneration of any of the 14 periods. These occurrences demonstrate that an annual average of nonfirm energy supply does not adequately represent the available nonfirm energy in any water year, given the limited flexibility of the hydro system. Nonfirm energy now should more appropriately be analyzed on a seasonal rather than an annual basis. Also, an impact in a particular period might be mitigated by the hydro system if future flow augmentation procedures are better developed. The seasonality of the surplus energy in excess of firm load is a follows:

August through December

One-billion kilowatthours of the DSI top quartile are served in September and October as firm energy every year that first-year firm loads are adopted because of system refill. This occurred in 35 of the 50 water years (70 percent of the time). Because Grand Coulee is modeled as drafting down to 1,280 feet (2,216.4 ksfd) by the end of July to help meet McNary flows, August through December is used to store water to deliver Grand Coulee back up to its proportional draft point. This occurs in 18 of 50 years, with resulting deficits. Depending upon water conditions, the 50-year hydro regulation study has limited amounts of nonfirm energy

available beyond the DSI top quartile service during these months.

January through Mid-April

Based on a "sliding scale" tied to Columbia River Basin runoff forecasts, the hydro system must store up to 3.5 million acre-feet of water—the energy equivalent of up to 4,900 average megawatt-months (3,577,000 megawatt-hours)—for Columbia River flow augmentation. This energy must be stored and is not available for sale. Energy stored during these months reduces either firm or nonfirm energy availability, depending on water conditions.

This year's regional nonfirm energy analysis incorporating the NMFS Draft Biological Opinion is presented in the "Regional Surplus Energy" table, Section XIX, page TA-1-767. Negative quantities in the table represent the amount of energy that must be purchased in low runoff water years. Regardless of the runoff forecast, a minimum of 1 million acre-feet of storage was required for January and a minimum of 500,000 acre-feet of storage was required for February through mid-April to guard against either an untimely decrease in the forecast or a late runoff, causing minimum flows at McNary Dam in the second half of April to not be met, even in relatively good water years. Columbia River flow augmentation was required in 20 water years of the 50-year hydro regulation study because of insufficient volume estimates in the runoff forecast. The remaining 30 water years of the hydro regulation study had runoff forecasts that did not require Columbia River flow augmentation storage during January through mid-April. In 13 of the 20 flow augmentation water years, the Dalles January through July runoff forecast was below the 80 MAF level, thus requiring the full 35 million acre-feet of storage. The remaining 7 flow augmentation water years saw the Dalles January through July runoff forecast above the 80 MAF level, but below the 90 MAF level. The storage requirement for these years was less than the maximum 3.5 MAF requirement. Significant firm energy deficits occurred due to reduced energy production and required purchases to meet firm load during the January through mid-April period. This occurred in 10 of 50 January's; 11 of 50 February's; 7 of 50 March's; and in only 4 of 50 first half of April's. In the remaining flow augmentation water years, required storage was met by reducing nonfirm energy production; no additional energy purchases were needed to meet firm load requirements.

If the NMFS Draft Biological Opinion actions are eventually incorporated into firm planning, firm resources may be needed to meet loads during the January through mid-April period.

Mid-April through July

The water budget for May is modeled in the critical period rule curves the same as in previous studies. Its 3.45 million acre-feet of storage helps meet McNary Dam minimum flows between mid-April and June of 200,000 cubic feet per second (cfs) and in July of 160,000 cfs. Release of Water Budget and Columbia River flow augmentation storage for meeting these McNary flows creates overgeneration between mid-April and July.

REGIONAL SURPLUS ENERGY IN EXCESS OF FIRM LOAD CARRYING CAPABILITY
1928-29 THROUGH 1977-78 WATER CONDITION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	AVG.
1929 WATER CONDITION	2009	-658	-92	-450	-984	-1053	-3215	-3534	-1242	-1261	3720	3468	4764	510	6
1930 WATER CONDITION	-874	-771	-933	-1165	-1084	-1172	-3160	-1900	-2216	-63	3233	2557	2428	749	-428
1931 WATER CONDITION	-1311	-1230	-1411	-1637	-1545	-1606	-3675	-3668	-1797	-96	1588	2375	2959	-801	-944
1932 WATER CONDITION	64	116	-316	-528	-443	-517	-1391	431	-155	3101	5047	7200	9011	2506	1664
1933 WATER CONDITION	-553	-296	-659	-906	449	67	6639	5873	2455	1718	3288	6253	12002	9665	3660
1934 WATER CONDITION	4366	1977	1602	2790	4169	7926	11060	10361	9858	8524	8554	6548	5142	-349	5901
1935 WATER CONDITION	-253	-843	-316	-671	673	300	5375	6899	2198	-1504	2433	4122	5546	2385	2202
1936 WATER CONDITION	-166	-762	-239	-597	-1142	-1231	294	-2090	1474	1178	8796	10466	5357	-1050	1314
1937 WATER CONDITION	-806	-720	-887	-1111	-1074	-1159	-3141	-3778	-827	-324	2595	3009	4684	-763	-389
1938 WATER CONDITION	-1293	-1199	-1372	-1587	-1274	-193	3977	3994	3485	2902	8382	9299	8571	2711	2667
1939 WATER CONDITION	-785	-707	-784	-903	-844	-888	-165	-2319	829	3460	4148	7258	5376	1805	1035
1940 WATER CONDITION	-813	-724	-918	-980	-896	-917	-227	-1544	1744	4937	3349	5348	5239	-1001	769
1941 WATER CONDITION	-809	-737	-807	-939	-892	-973	-2960	-2774	-976	-316	2094	2136	4011	-376	-369
1942 WATER CONDITION	-1299	-1252	-1366	-525	-684	2968	4418	1940	-817	2017	4068	3281	6771	3979	1811
1943 WATER CONDITION	278	-475	-700	-888	-349	-132	6350	8156	4798	10904	11329	8459	11060	7532	4609
1944 WATER CONDITION	710	-568	-81	-464	-980	-979	-3233	-2617	-1682	-1419	3179	1388	3762	-1345	-440
1945 WATER CONDITION	34	110	-324	-476	-383	-423	-2489	-1256	-1769	-231	3468	4896	8484	588	712
1946 WATER CONDITION	-316	-243	-655	-883	-774	-688	441	4580	4026	4802	7938	10404	7823	4990	2946
1947 WATER CONDITION	617	-601	681	-335	1015	5177	6525	7011	6675	7860	6312	9000	8383	3206	4536
1948 WATER CONDITION	-4	-642	156	5268	3312	1872	8133	6810	6293	2562	8219	11456	15067	8553	5999
1949 WATER CONDITION	3841	2728	1489	546	271	-564	2497	3017	9432	7824	6707	10246	7365	-916	3661
1950 WATER CONDITION	-915	-872	-974	-1208	-803	100	5437	9793	8432	6710	8782	8429	13285	10204	4962
1951 WATER CONDITION	3933	1931	1466	2802	4908	6064	9600	10398	10889	10327	8982	11920	9019	5633	7107
1952 WATER CONDITION	3276	-124	1434	3754	1320	2454	6708	8776	3321	7833	10317	11468	7567	3514	5081
1953 WATER CONDITION	-2	-608	-100	-446	-974	-1079	5669	6484	3861	2073	2934	6129	11882	6729	3363
1954 WATER CONDITION	-21	-201	601	426	691	1078	6950	10416	5124	5059	5377	9773	11431	9873	5123
1955 WATER CONDITION	6815	5257	4314	696	2425	286	4870	2837	182	2253	2220	2496	11164	10850	4033
1956 WATER CONDITION	2814	-603	156	2147	3736	5433	10593	9059	7777	9020	12457	13050	14606	8464	7239
1957 WATER CONDITION	1774	1068	1071	1066	315	1977	3959	4804	5652	9064	5582	10403	12285	3838	4509
1958 WATER CONDITION	-21	-638	-29	-410	-963	-671	3311	5663	6873	3805	4131	11363	7249	2938	3247
1959 WATER CONDITION	-233	-835	-77	-155	1041	2824	9811	9066	5489	6617	4554	7055	11663	9350	5093
1960 WATER CONDITION	2554	9	5921	6813	5250	2742	5336	4663	8032	10660	6818	5382	8394	4109	5555
1961 WATER CONDITION	835	-621	350	-108	1279	-607	5685	8182	8852	3200	2582	7521	12690	3638	4207
1962 WATER CONDITION	13	-605	-81	-405	-954	-36	3404	3074	3348	8511	9293	6657	7157	2191	2747
1963 WATER CONDITION	-3	-607	-89	293	2600	3521	4943	7756	2803	3288	3490	4823	6839	3405	3331
1964 WATER CONDITION	332	-596	603	-373	315	-578	4776	5443	7	5863	3840	5523	13718	10988	3762
1965 WATER CONDITION	2108	151	2139	1866	1331	6032	10698	10417	8795	4958	11206	9463	11088	4657	6308
1966 WATER CONDITION	3408	2424	1789	697	1053	96	6032	2732	2864	5794	3607	4724	5487	3787	3073
1967 WATER CONDITION	1100	-600	-96	-403	-769	920	7544	8754	3541	791	1921	5517	13693	11965	4356
1968 WATER CONDITION	2415	-437	639	959	861	495	5618	7249	8103	200	3834	2108	6438	5652	3427
1969 WATER CONDITION	1413	890	3670	2354	3082	2503	9655	9276	5376	8258	11952	12009	8181	6297	6138
1970 WATER CONDITION	122	-621	-74	162	-421	-549	4039	6423	2914	3477	3491	4814	12155	1593	2858
1971 WATER CONDITION	-1082	-1129	-979	-1386	-1358	-644	9710	10637	10772	7209	8677	11213	14802	9938	5795
1972 WATER CONDITION	6181	706	1134	53	795	998	9178	10482	13324	13632	7464	11919	15191	13549	7551
1973 WATER CONDITION	7104	3269	1379	255	206	1433	1956	-456	-1011	-599	3179	2749	5179	314	1540
1974 WATER CONDITION	-756	-738	-970	-1185	-1652	3229	11951	11785	11258	11965	11634	11873	15723	12908	7164
1975 WATER CONDITION	5230	2017	1541	-372	61	-44	5265	8293	6470	660	3306	8455	12281	8277	4653
1976 WATER CONDITION	-462	337	1218	1507	4114	7925	10589	10347	6531	6851	8196	10118	10746	8644	6600
1977 WATER CONDITION	8069	7593	5521	9	-627	-479	-2181	-2903	-1092	-607	1025	100	1028	1996	784
1978 WATER CONDITION	142	100	-318	-598	-990	-238	-1018	1332	2961	969	5990	7135	7850	3742	1955

FEDERAL SURPLUS ENERGY IN EXCESS OF FIRM LOAD CARRYING CAPABILITY
1928-29 THROUGH 1977-78 WATER CONDITION

1994 WHITEBOOK: 12/20/94
RUN DATE: 12/20/94

1995-96 OPERATING YEAR

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	AVG.
1929 WATER CONDITION	1504	-318	94	-475	-629	-259	-1705	-1709	-120	15	3611	3178	2876	311	331
1930 WATER CONDITION	-305	-154	-195	-579	-379	-245	-1611	-1128	-908	952	3215	2911	1813	779	193
1931 WATER CONDITION	-589	-609	-590	-870	-780	-323	-1997	-2082	-696	1316	1994	2984	2122	-226	-117
1932 WATER CONDITION	422	403	213	-136	-209	230	-201	981	533	3051	4113	5837	6007	1744	1583
1933 WATER CONDITION	187	211	131	-245	-387	246	5363	4832	2318	1748	3089	4933	8403	6037	2854
1934 WATER CONDITION	3113	1673	1335	1509	2723	5638	8201	7853	7765	6673	6803	4980	3257	-62	4361
1935 WATER CONDITION	461	49	531	-474	-182	180	4164	5198	1951	-365	2723	3593	3121	1511	1752
1936 WATER CONDITION	205	43	309	-189	-238	-75	828	-1101	1725	1772	7008	8511	3229	-580	1411
1937 WATER CONDITION	195	234	-47	-438	-151	-272	-1480	-1976	157	149	2655	3182	2700	-605	224
1938 WATER CONDITION	-565	-602	-292	-970	-1306	-358	3019	3018	2866	2605	6318	7323	5334	1762	2023
1939 WATER CONDITION	148	134	-139	-277	-378	-292	280	-1476	1246	3193	3679	5973	3488	1295	1108
1940 WATER CONDITION	43	229	-124	-270	-331	-536	358	-1094	1561	4132	3310	4871	4179	-380	1008
1941 WATER CONDITION	353	256	102	-382	-309	-281	-1236	-1431	-15	753	2903	2837	3347	-24	395
1942 WATER CONDITION	-334	-451	-306	-200	-290	2235	4090	1701	299	2229	4059	3403	4614	2722	1752
1943 WATER CONDITION	760	299	57	-286	-309	-147	5002	5750	3711	8025	8542	6382	7289	4520	3398
1944 WATER CONDITION	470	-150	225	-179	-483	-265	-1787	-1478	-368	118	3506	2262	2896	-865	161
1945 WATER CONDITION	345	378	102	-122	-242	139	-1490	-800	-700	622	3220	4320	5859	411	813
1946 WATER CONDITION	248	328	-70	-547	-655	-561	549	3032	3050	3667	6076	7947	4732	2990	2136
1947 WATER CONDITION	736	-63	814	-76	448	3562	5082	4842	5106	5704	4912	7465	5368	2092	3362
1948 WATER CONDITION	456	100	404	3136	1891	1493	6308	4975	5079	2427	6567	8979	10965	5658	4472
1949 WATER CONDITION	2812	1964	1249	382	72	-89	2641	2119	7240	5892	4858	7917	4558	-948	2742
1950 WATER CONDITION	-271	-235	-69	-882	-1146	10	4100	6984	5994	5069	6599	6327	9378	6215	3541
1951 WATER CONDITION	2713	1257	1167	1581	2593	3728	7268	6870	7832	7750	6801	8914	5512	3293	4835
1952 WATER CONDITION	2500	163	1100	2225	548	1663	5438	6172	2777	6658	8076	8844	4626	2280	3698
1953 WATER CONDITION	143	108	284	-92	-196	-96	3671	4040	2998	2032	2956	4820	8038	4317	2534
1954 WATER CONDITION	104	60	723	338	195	545	5202	7433	3841	3633	4222	7822	7989	5805	3659
1955 WATER CONDITION	5052	3639	3103	495	1258	380	4120	2070	620	1800	2606	2474	7825	7291	3015
1956 WATER CONDITION	1965	-107	322	967	1763	3693	7852	6420	5608	6658	9262	9802	10057	5350	5060
1957 WATER CONDITION	1200	785	899	456	-27	1184	3276	3270	4550	7145	4619	7956	8324	2704	3289
1958 WATER CONDITION	609	121	678	-61	-571	-454	2300	3633	5112	3083	4012	8857	4434	2047	2491
1959 WATER CONDITION	528	15	281	-49	-7	2036	7666	6761	4129	5024	3580	5565	8128	6136	3768
1960 WATER CONDITION	2036	312	4009	4283	3322	2063	4375	3281	5816	7889	5180	4412	5273	2630	3931
1961 WATER CONDITION	806	75	515	157	385	-189	4404	5879	7013	2489	2701	6038	9141	2305	3224
1962 WATER CONDITION	669	103	608	-88	-661	-27	2641	2249	2846	6647	7294	5432	4824	1447	2219
1963 WATER CONDITION	330	-18	283	279	1189	2388	3893	5156	2268	2793	3230	4409	4391	2397	2485
1964 WATER CONDITION	830	318	800	-172	-86	-241	3612	4072	588	4442	3375	4549	9428	7189	2852
1965 WATER CONDITION	1439	221	1603	1370	814	4104	7878	7555	6544	4101	8649	7243	7367	3083	4564
1966 WATER CONDITION	2433	1789	1379	633	638	325	4553	2031	2288	4545	3171	4070	3293	2349	2294
1967 WATER CONDITION	1256	217	294	-184	-558	414	5762	6506	2784	1052	1924	4426	9607	8389	3305
1968 WATER CONDITION	2037	91	800	404	273	475	4039	4816	5949	363	3093	2202	3982	3690	2452
1969 WATER CONDITION	1392	879	2750	1563	1888	1779	7494	6744	4197	6404	9146	8982	4942	4101	4446
1970 WATER CONDITION	653	275	162	265	-307	-349	2756	4493	2384	3147	3120	4116	8521	898	2211
1971 WATER CONDITION	-116	-237	-146	-767	-921	-454	7072	7535	7677	5499	6728	8499	10324	5968	4227
1972 WATER CONDITION	4384	585	973	127	285	679	6612	7333	9590	9728	5143	8720	10719	9046	5334
1973 WATER CONDITION	5009	2234	1027	352	182	824	1299	-375	195	441	3204	3010	3444	248	1304
1974 WATER CONDITION	104	110	-387	-678	-1333	2037	8553	8219	7973	8895	8968	8852	11352	8061	5141
1975 WATER CONDITION	3561	1377	1243	-176	243	-139	3848	5987	5031	1177	3298	6599	8190	4936	3372
1976 WATER CONDITION	-231	109	940	980	2301	5231	7812	7341	4601	5616	6340	7804	6873	5112	4576
1977 WATER CONDITION	5718	5486	4006	250	-159	329	-876	-1822	157	561	1896	1356	979	1245	1025
1978 WATER CONDITION	334	382	283	-171	-1019	-43	-628	1355	2646	1407	4909	5626	4814	2371	1562