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1989 Pacific Northwest Loads & Resources

Technical Appendix

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Bonneville Power Administration

November 1989

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1989 PACIFIC NORTHWEST LOADS AND RESOURCES STUDY

Technical Appendix

OVERVIEW

The 1989 Pacific Northwest Loads and Resources Study establishes the Bonneville Power Administration (BPA) planning bases for providing an adequate, cost effective, and environmentally sound supply of electricity to BPA customers. BPA's long-range planning incorporates generating resource availability with a range of forecasted electrical consumption. The future electrical demands--firm loads--are subtracted from available resources to determine whether BPA and the region will be surplus or deficit. If resources are greater than loads in any particular year or month, there is a surplus of energy and/or capacity. Conversely, if 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 load growth. This document provides the utility-specific information and technical details that BPA uses to determine the amount of firm surplus energy and capacity that could become available in the Pacific Northwest. This document should be used in conjunction with the 1989 Pacific Northwest Loads and Resources Study, published in November, 1989.

STUDY CONTENT

BPA's loads and resources analysis is presented in two documents: (1) the Pacific Northwest Loads and Resources Study, and (2) this technical appendix, which details each Northwest utility's loads and resources. The study contains data on the regional and the Federal system loads and resources over a 20-year planning horizon. Much of the information in the 1989 Pacific Northwest Loads and Resources Study is not duplicated in this Technical Appendix. The reader should obtain a copy of that study for additional background and understanding of BPA's loads and resources forecasting process. The 1989 Pacific Northwest Loads and Resources Study is available from the BPA Public Involvement Office, toll-free 1-800-624-9495, or in Oregon 1-800-841-5867.

Technical Appendix

This loads and resources document contains utility-specific forecasts of loads and resources in the Pacific Northwest for the next 20 years. The analysis is based on the 1989 long-term medium load forecast (Joint Forecast) prepared by BPA and the Northwest Power Planning Council (Council), and on Pacific Northwest resource estimates detailed in the latest utility firm resource submittals to BPA and the Pacific Northwest Utilities Conference Committee (PNUCC). This study updates the 1988 Pacific Northwest Loads and Resources Study, Technical Appendix, published in December, 1988.

Pacific Northwest Loads and Resources

The corresponding energy analyses under BPA's high, medium-high, medium-low, and low load forecasts are shown in the 1989 Pacific Northwest Loads and Resources Study. The capacity analyses for the region and the Federal system under all five load forecasts are shown by month for operating years 1990-91, 1995-96, 2000-01, and 2009-10.

The energy analysis in this appendix includes yearly averages for operating years 1990-91 through 2009-10. The capacity analysis is shown by month for operating years 1990-91, 1995-96, 2000-01, and 2009-10. Four years of monthly capacity data are considered to be representative of the planning horizon; inclusion of 20 years would be too voluminous. Both of the above analyses are completed to a detailed utility-by-utility level. This appendix includes monthly summaries spanning 20 years of regional and Federal system capacity surpluses/deficits under the medium load forecast, based on capacity levels of 50 hours per week. Also included are sensitivity tables showing the regional and Federal system capacity surpluses/deficits at peaks of 30 hours per week and 70 hours per week, respectively.

BPA POWER SALES CONTRACTS

The Pacific Northwest Power Act required BPA to offer Power Sales Contracts to all its regional customers. These contracts with Pacific Northwest utilities provide a basis for the utilities to purchase their wholesale power from BPA. Their Power Sales Contracts and the resources operated by each utility determine the class of service they purchase from BPA. Public agencies that own and schedule their resources to meet their loads may choose to be actual or planned computed requirements customers. The small and nongenerating public agencies, which own no resources or whose resources are assigned to BPA, are treated as full requirements customers of BPA. The investor-owned utilities are considered contracted requirements customers.

Dedicated Resources

BPA's Power Sales Contracts require customers to serve their own firm loads with resources they declare as dedicated. Dedicated resources, as defined in the Power Sales Contract, include contractual obligations as a negative resource. Contractual obligations are categorized as "contracts out" for intraregional obligations and "exports" for interregional obligations. Resources include generating capability plus "contracts in" for intraregional rights and "imports" for interregional rights. When looking at a utility's loads and resources table, the contracts out and exports must be subtracted from total resources to find the number that is equivalent to the dedicated resource value. Resources are categorized as dedicated or nondedicated for each customer during a rolling 7-year period detailed in the Firm Resource Exhibit I of each utility's Power Sales Contract. With each annual submittal, the earliest year is dropped and a new seventh year is added. The current Exhibits I cover operating years 1989-90 through 1995-96. A customer may add or subtract from its dedicated resources for the seventh year. The customer also has the option during the 7-year period of changing its dedicated resources and the resultant net requirements on BPA, depending on the Federal loads and resources situation. BPA customers may withdraw dedicated resources if the Federal system is in firm surplus, or they may add dedicated resources if the Federal system is firm energy deficit. It is assumed that any resource dedicated by a customer to serve loads in the seventh year will continue to be a dedicated resource throughout the 20-year period of the study.

BPA Obligations to Public Agencies

The generating public agencies are analyzed on a utility basis. Their net requirement placed on BPA is equal to the sum of the utilities' loads less the sum of their dedicated resources. Firm loads are the sum of their system loads plus contractual obligations. Contractual obligations are categorized as contracts out and exports. Resources include generating capability plus contracts in and imports. If a utility has a load of 100 average megawatts (aMW) and dedicated resources of 20 aMW, then the net requirement and purchase from BPA would be 80 aMW. The total net requirements of the generating public agencies is shown in Federal Table 2, line 12, of Section II, pages TA-10 through TA-13, and in Section VII, pages TA-226 through TA-233.

The small and nongenerating public agencies are analyzed in aggregate by summing the total firm loads and dedicated resources of this group. Their net requirement placed on BPA is equal to the sum of their loads less the sum of their dedicated resources. These results are periodically verified by another report generator program that completes loads and resources balances for each of these agencies. The total net requirements of the small and nongenerating public agencies are presented in Federal Table 2, line 7, of Section II, pages TA-6 through TA-9, and Section VII, pages TA-208 through TA-215.

BPA Obligations to Investor-Owned Utilities

The investor-owned utilities have chosen to be served as contracted requirements customers under their Power Sales Contracts with BPA. The investor-owned utilities can request, for up to 7 years, energy and capacity deliveries from BPA under their firm resource Exhibits I in their Power Sales Contracts. The current 7-year exhibit period covers operating years 1990-91 through 1995-96. The only investor-owned utility to place a contractual obligation on BPA during this period is Puget Sound Power and Light This energy purchase ranges from 107 to 188 average megawatts in operating years 1990-91 through 1992-93. The energy purchase is zero in the following operating years.

UTILITY SPECIFICS

Montana Power Company

Montana Power Company has only a portion of its load in the Pacific Northwest region. The Power Sales Contract between BPA and this utility specifies the method for determining the portion of Montana's firm resources that is committed to serve its firm load in the region. This method assumes that all contractual obligations between Montana Power and BPA are dedicated to serve only that portion of Montana's total firm load that falls within the Pacific Northwest region. Montana Power must use its own resources--or resources purchased from other providers--to meet its residual load obligations in the region.

All of Montana's generating resources, with the exception of its share of Colstrip 4, are prorated as prescribed by the Exhibit I submittal of its Power Sales Contract. These resources are prorated according to the portion of Montana's residual load in the region. The proration allows the resources to be assigned to the region until the region is in loads and resources balance, while any Montana system surpluses reside on Montana's eastern system. At the time Montana's total system becomes deficit, the deficit will be shared equally between the Pacific Northwest and the eastern portion of Montana's system.

This analysis specifies Montana's prorated resources as "in the region." The loads and resources balance for Montana is included in Table U-2, Section III, pages TA-24 and TA-25, and Section VIII, pages TA-238 through TA-241. The loads and resources analysis for Montana Power Company's total system is presented in Table M-2 of Section IV, pages TA-62 and TA-63, and Section IX, pages TA-312 through TA-315.

Utah Power Company

Only a portion of Utah Power Company's service territory is 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 of Section III, pages TA-32 and TA-33, and Section VIII, pages TA-254 through TA-257.

Utah Power Company and Pacific Power and Light Company systems have merged into one company. It is anticipated that these two utilities will be represented in a different format in next year's study.

CONTRACT SPECIFICS

Canadian Downstream Benefits

The Columbia River Treaty is one of several Pacific Northwest contracts that will change during the scope of this study. This treaty between the United States and Canada enhanced the use of storage in the Columbia River Basin. The treaty and treaty projects provide downstream power benefits by increasing the firm power generating capability of U.S. hydro projects. Under the terms of the agreement, the downstream power benefits are shared equally between the two countries as determined by a joint Annual Operating Plan.

Canada agreed to sell its share of the downstream power benefits, called the Canadian Entitlement, for 30-year periods beginning with the completion of each of the three Canadian Treaty Projects. The Canadian Entitlement was sold to the Columbia Storage Power Exchange (CSPE), a Pacific Northwest corporation that was formed to sell the Canadian benefits to participating Pacific Northwest utilities. The Canadian Entitlement sale to CSPE begins to expire in April 1998, 30 years after the completion of the first Treaty Project, and expires totally by April 2003. The Canadian Entitlement (CSPE) deliveries are included in each participating utility's loads and resources balance on line 7A, of Section III, pages TA-22 through TA-57, and Section VIII, pages TA-234 through TA-305. A portion of the Canadian share of downstream power benefits will begin to return to Canada in April 1998, 30 years after the first Treaty Project was completed. All remaining Canadian downstream power benefits will revert to Canada by April 2003, 30 years after the third Treaty Project was completed. This analysis assumes that the capacity and energy obligations on U.S. hydro projects will equal the utilities' percentages of Canadian Entitlement (CSPE) participation. These entitlement obligations are being negotiated with the involved parties. The tables will be updated after negotiations are completed. The Canadian Entitlement (Canada) is delivered to the U.S. Entity (BPA) for capacity and energy returns to Canada. It is shown, as estimated for each participating utility, starting in 1998. The Canadian Entitlement (Canada) delivery is included in each participating utility's loads and resources balance on line 7B, of Section III, pages TA-22 through TA-57, and Section VIII, pages TA-234 through TA-305. The total Canadian downstream power benefits are presented in Figure 1, page 7.

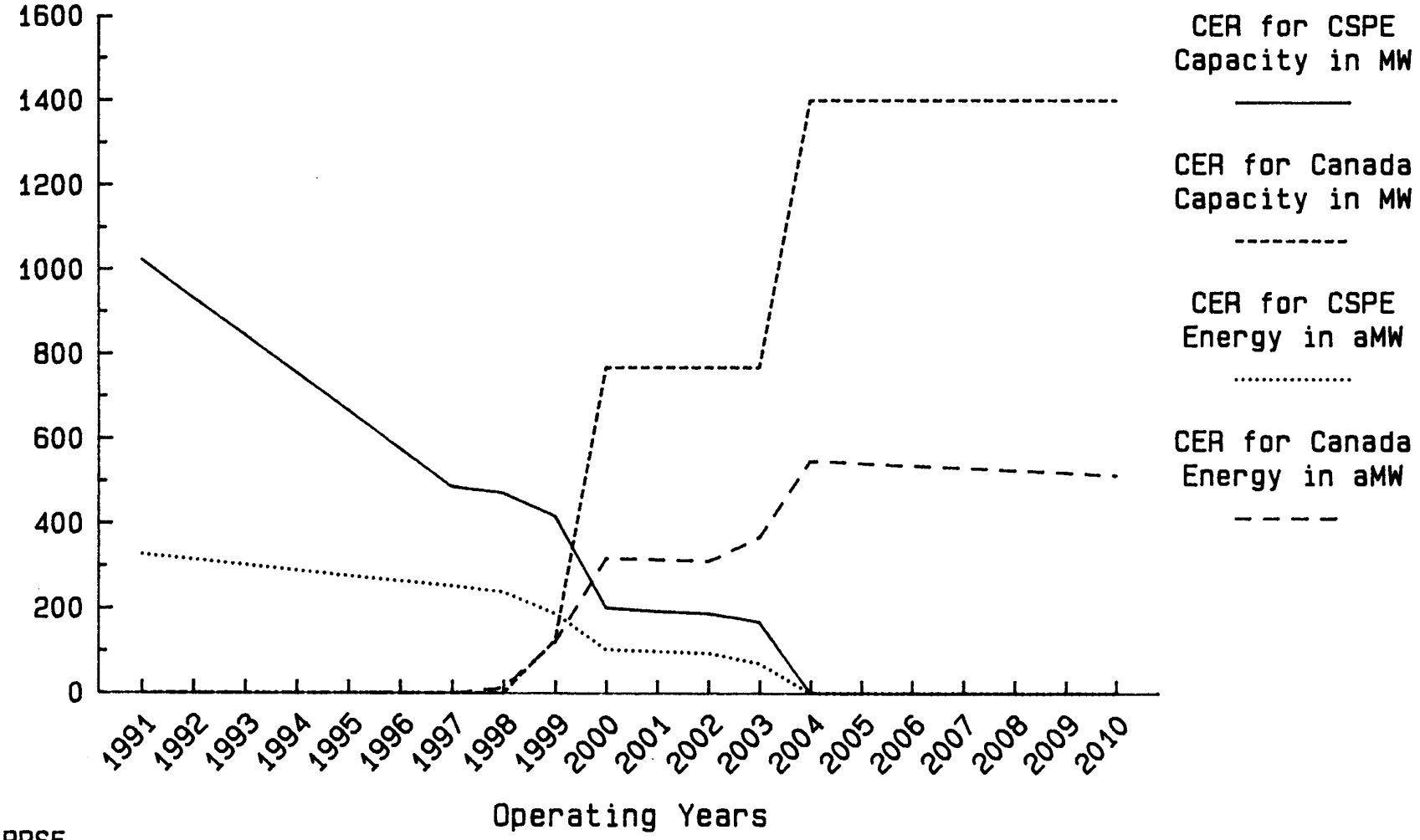
Non-Pacific Northwest Utility Transactions

The availability of resources located in the Pacific Northwest and owned by entities outside the region will also change during the study period. These resources have been included in the regional exports and imports tables. The non-Pacific Northwest utility transactions include the purchase by the Western Area Power Administration (WAPA) of output from the Longview Fibre cogeneration resource, the sale of 14.2 percent of the Boardman coal project to San Diego Gas and Electric, and the regional transfer of a sale by Basin Electric to WAPA. The non-Pacific Northwest utility transactions are included in Table M-3, of Section IV, pages TA-64 and TA-65, and Section IX, page TA-312 through TA-315.

Figure 1

Downstream Benefits Due Canada Under Columbia River Treaty

(Canadian Entitlement Return)



BPA - RPSE
11/17/89

RESOURCES

Hydro and Thermal Resources

This analysis includes all existing regional hydro projects, thermal resources, and BPA's assessment of currently planned regional resources.

The energy produced by hydro projects is calculated using generation averages from the 39-month critical period of September 1928 through February 1932, excluding the months of May. The months of May are excluded from the critical period average to eliminate any potential overstatement of regional firm energy. This is due to the fact that a portion of firm hydro generation during May is unusable as a result of implementing the water budget to assist fish migration.

The monthly capacity of hydro projects is defined as the full-gate-flow maximum available generation at each project, based on its average monthly elevation during operating year 1929-30. BPA uses 1929-30 water levels to estimate the regional hydro capacity because that year approximates a peaking capability of 50 hours per week, which is consistent with the reliability criteria of the Pacific Northwest Coordination Agreement. The water-year selection methodology is included in Section XIII, page TA-600. The hydroregulator model limits the capacity of each hydro project, except Cushman, to 10 times the project's average monthly energy production. This limit simulates the inability of a hydro project to reach full output when average monthly flows are low. In order to provide firm capacity for sustained periods each day and continue to do so for months at a time, BPA has reduced its estimated instantaneous hydro capacity to reflect a Federal sustained peaking level of 50 hours per week.

Maintenance and Reserve Adjustments

In computing available resources, BPA adjusts all hydro and thermal generation levels to allow for scheduled maintenance, spinning reserves, and forced outage reserves.

Each utility's loads and resources balance includes scheduled hydro maintenance. The production loss due to maintenance is based on the mean of the 1983-84 through 1986-87 schedules submitted to the Northwest Power Pool. These schedules are published annually in the Pacific Northwest Coordination Agreement Data and Pool Operating Program.

Federal spinning reserves include the generating capacity maintained for immediate response to load variations, thus providing a regulating margin for the automatic generation and frequency control of power in the system. BPA calculates spinning reserve estimates by using the Western Systems Coordinating Council (WSCC) and Pacific Northwest Power Operating Plan guidelines. The spinning reserves are computed by summing 2.5 percent of the Federal hydro capability plus 3.5 percent of Federal thermal capacity. The spinning reserve margins are shown in Regional Table 1, line 30, Section VII, pages TA-202 through TA-205 and in Federal Table 2, line 38, Section VII, pages TA-208 through TA-215.

BPA estimates the forced outage reserve margins using guidelines set in the Pacific Northwest Coordination Agreement. This analysis estimates the forced outage reserve margins to be 5 percent of the total capacity of hydro, small thermal, combustion turbines, cogeneration, renewable and miscellaneous resources, plus 15 percent of large thermal capacity. The estimated peak forced outage reserves are shown in Table A-17, Section X, pages TA-430 through TA-437.

In the event of forced outages, BPA may curtail a portion of the direct service industry (DSI) load in order to maintain service to existing and future loads and contracts. BPA may restrict service, if necessary, to the DSIs' interruptible top quartile, and, under certain conditions, may restrict service to the third and second firm quartiles of that load. The DSI reserve margins are shown in Regional Table 1, line 31, Section VII, pages TA-202 through TA-205 and in Federal Table 2, line 39, Section VII, pages TA-208 through TA-215.

PURPA Resources

PURPA resources are declared by utilities according to the Public Utility Regulatory Policies Act of 1978 (PURPA), Public Law 95-617. These resources include hydro, cogeneration, biomass, wind, and miscellaneous resources detailed in each utility's firm resource exhibits. The resources are summarized for each utility in Table A-25 of Section V, pages TA-136 and TA-137, and Section X, pages TA-466 through TA-469. They are also included in each utility's loads and resources balance on line 18, of Section III, pages TA-22 through TA-57, and Section VIII, pages TA-234 through TA-305.

The complete data tabulation of firm PURPA resources is available from BPA's Power Systems Branch, Load Resource Section, phone (503) 230-3936.

Federal Capacity Load Diversity

The one-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 1 shows this Federal capacity diversity adjustment, which is a percentage reduction applied to the total Federal firm peak loads. Loads of the United States Bureau of Reclamation (USBR), direct service industrial (DSI) firm loads, industrial firm losses, and Federal exports are excluded from the diversity adjustment.

Table 1
Federal Peak Load Diversity Factors

	Jul	Aug	Sep	Oct	Nov	Dec
Federal Firm Diversity Adjustment	.13	.13	.13	.12	.10	.07

	Jan	Feb	Mar	Apr	May	Jun
Federal Firm Diversity Adjustment	.07	.07	.10	.10	.12	.13

The Federal firm diversity adjustment is multiplied by the peak BPA one-hour firm load to determine the one-hour peak load diversity reduction. The reductions in Federal firm diversity are shown in Federal Table 2, line 14, of Section VII, pages TA-208 through TA-215.

FEDERAL SUSTAINED PEAKING REDUCTION

The amount of capacity available for long-term sales includes the capacity needed for the Federal Columbia River Power System to provide peaking capacity for sustained periods each day, and to continue to do so for months at a time. In order to maintain maximum capacity levels, the Federal hydro system capabilities have been reduced to reflect this sustained peaking.

The Federal sustained peaking capacity level is derived from the monthly shape of actual hourly Federal hydro generation for a representative week within the last 5 years. The shape is stretched by increasing sales in the 50 peak hours of that week and decreasing sales in the off-peak hours. It is assumed that return energy from peak sales will be accepted during 80 off-peak hours per week. To arrive at the Federal sustained capacity level, this stretching of the shape is continued until at least one of the following constraints is violated:

- Limitations on moving water between projects, including upstream storage;
- Pondage limitations due to hydraulic imbalance from reservoir to reservoir;
- Navigation and recreation constraints, including restrictions on rate of rise or fall of tailwater and forebay elevations; and
- Minimum flow and generation requirements for fisheries.

The sustained hydro peaking capacity is a function of the available Federal hydro energy. Due to pondage constraints and lack of Federal loads, the amount of hydro energy generation is usually low in the late summer and fall (July through October), even during periods of better than average water levels. This results in lower sustained peaking capabilities during these months.

The difference between the Federal instantaneous hydro capacity and the sustained hydro peak capability is the sustained peak reduction. This analysis assumes that the hydro system can use the difference between sustained peaking capability and the instantaneous peak to meet short-term system fluctuations. The sustained peak reduction is further reduced by hydro spinning reserves, hydro forced outage reserves, and hydro maintenance. The sustained peak reduction is shown in Regional Table 1, line 9, of Section VII, pages TA-204 through TA-207, and in Federal Table 2, line 22, of Section VII, pages TA-208 through TA-215.

FEDERAL FORCED ENERGY SALES

There are periods, typically during late summer and early fall, when the Federal system may be unable to accept all the off-peak return energy that results from capacity sales and capacity/energy exchange contracts. This return energy, which may be needed to meet firm loads, must be sold or spilled. BPA used the following assumptions in determining the quantity of forced energy sales:

- Federal system nighttime load patterns follow historical minimums.
- BPA's nighttime energy returns from existing capacity, capacity/energy exchange, and WNP-3 settlement contracts are assumed delivered at contract return limits, with two exceptions: the capacity contracts of Pacific Power and Light and Portland General Electric Company each assume return limits of 60 percent contract demand.
- BPA's thermal projects are operated base-loaded.
- The Federal hydro system does not go below its minimum generation requirements.
- Any Federal surplus firm energy is sold on-peak at a 50 percent load factor.

This analysis is a worst case scenario because it assumes that all existing capacity contracts are returned at their contractual limits during the night. To limit the potential for overgeneration problems, all Federal surplus capacity sales contracts should include provisions to:

- Limit return energy to a percentage of contract demand;
- Defer energy returns to a time more favorable to system operation; and
- Include cash-out provisions for return energy.

The volume of spill is computed by estimating the resources that must be curtailed or sold so that the minimum BPA hourly load on the Federal hydro system will not go below allowable limits. The monthly amounts of forced energy sales for operating years 1990-91, 1995-96, 2000-01, and 2009-10 are presented in Table M-5, line 37, of Section IX, pages TA-324 through TA-331.

REGIONAL AND FEDERAL CAPACITY SURPLUSES/DEFICITS

BPA has analyzed its total resources versus obligations on a monthly basis for the region and for the Federal system during operating years 1988-89, 1993-94, 1998-99 and 2007-08. The monthly 50 hours per week regional capacity analysis is presented in Regional Table 1 of Section VII, pages TA-202 through TA-205. The monthly 50 hours per week Federal system capacity analysis is shown in Federal Table 2 of Section VII, pages TA-208 through TA-215.

The 20-year summaries of regional and Federal system 50 hours per week capacity surpluses/deficits are shown in Tables S-1 and S-2, of Section VII, pages TA-230 and TA-231.

Table S-1 shows the base case regional firm 50 hours per week capacity surpluses/deficits (page TA-203, line 34). It assumes existing regional resources and existing regional contracts are allowed to lapse when they expire. Table S-2 shows the base case Federal firm 50 hours per week capacity surpluses/deficits (page TA-208, line 41). It assumes existing Federal resources and existing Federal contracts are allowed to lapse when they expire.

These tables are based on the assumption that capacity demands on the Federal and regional system will be at 50 hours per week. For comparison purposes, similar tables are included in Section XII, pages TA-594 through TA-597, which reflect the regional and Federal system capacity surpluses/deficits for demands of 30 and 70 hours per week. These tables follow the assumptions shown above for tables S-1 and S-2.

SECONDARY (NONFIRM) ENERGY ANALYSIS

In most years, the Columbia River Basin collects enough water from rain and snowmelt 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 secondary or nonfirm energy. BPA planning excludes nonfirm energy in the loads and resources balance.

The Pacific Northwest nonfirm energy analysis is based on the average 50-year historical water flows. The average of the nonfirm energy is 4001 aMW for the 50-year period. The analysis assumes that the reservoirs were full at the beginning of the 50-year period and operated in accordance with normal requirements for refilling. The analysis accounted for the size of the nonfirm market and Northwest-Southwest Intertie limitations. The amount of nonfirm energy available above critical water levels is shown in Section XIV, page TA-608.

SECTION II - Loads and Resources Tables of the Northwest Region by Major Supply Groups

ENERGY ANALYSIS

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NORTHWEST REGIONAL AREA, TABLE 1

SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS												
1	SYSTEM FIRM LOADS	1/	18482	18556	18681	18835	18938	19131	19299	19515	19751	19979
2	SYSTEM TOTAL LOADS	2/	19398	19430	19513	19655	19745	19933	20088	20304	20540	20769
3	EXPORTS	3/	725	707	690	697	720	706	693	707	809	827
4	FED DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0
5	FIRM LOADS		19207	19263	19372	19532	19658	19838	19993	20222	20561	20807
6	TOTAL LOADS		20124	20137	20203	20352	20465	20639	20782	21011	21350	21596
RESOURCES												
7	MAIN HYDRO	5/	11580	11579	11579	11580	11580	11580	11592	11592	11592	11593
8	INDEPENDENT HYDRO	5/	886	885	886	887	886	886	897	898	897	899
9	SUS. PKNG. ADJUSTMENT	6/	0	0	0	0	0	0	0	0	0	0
10	TOTAL HYDRO		12466	12464	12465	12467	12466	12466	12489	12490	12489	12492
11	SMALL THERMAL & MISC	7/	45	44	43	45	45	45	53	55	55	56
12	COMBUSTION TURBINES	8/	455	455	455	455	455	455	455	455	455	455
13	RENEWABLES	9/	41	41	41	41	41	41	41	42	42	42
14	COGENERATION	10/	121	121	118	121	112	103	103	103	103	103
15	IMPORTS	11/	1328	1173	1155	1221	1169	1169	1191	1141	1108	1189
16	CENTRALIA		1113	1044	1112	1089	1112	1045	1113	1043	1112	1089
17	TROJAN		782	782	782	782	782	782	782	782	782	782
18	JIM BRIDGER		559	552	551	571	552	558	571	559	551	572
19	COLSTRIP 1 & 2		334	337	334	335	334	339	354	355	354	360
20	BOARDMAN		397	397	397	397	397	397	397	397	397	397
21	VALMY		215	216	215	205	205	215	215	216	216	196
22	COLSTRIP 3		437	418	438	399	438	419	451	412	451	433
23	WNP 2		711	711	711	711	711	711	711	711	711	711
24	COLSTRIP 4		359	384	351	385	359	384	351	384	359	384
25	FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0
26	PURPA RESOURCES	13/	238	246	248	247	247	247	254	257	257	258
27	TOTAL RESOURCES		19601	19385	19416	19471	19425	19376	19531	19402	19442	19519
28	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
29	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
30	BPA SPINNING RESERVES	16/	0	0	0	0	0	0	0	0	0	0
31	DSI RESERVES	17/	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	18/	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
33	NET RESOURCES		19590	19374	19405	19460	19414	19365	19520	19391	19431	19508
34	FIRM SURPLUS/DEFICIT		383	111	33	-72	-244	-473	-473	-831	-1130	-1299
35	TOTAL SURPLUS/DEFICIT		-534	-763	-798	-892	-1051	-1274	-1262	-1620	-1919	-2088

NORTHWEST REGIONAL AREA, TABLE 1

SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS												
1	SYSTEM FIRM LOADS	1/	20211	20443	20679	20942	21257	21553	21844	22130	22451	22817
2	SYSTEM TOTAL LOADS	2/	21000	21232	21468	21731	22047	22343	22634	22920	23241	23607
3	EXPORTS	3/	825	823	882	1062	1039	1017	931	900	895	881
4	FED DIVERSITY	4/	0	0	0	0	0	0	0	0	0	0
5	FIRM LOADS		21036	21266	21561	22004	22297	22571	22775	23031	23346	23699
6	TOTAL LOADS		21826	22055	22351	22793	23086	23360	23565	23821	24136	24488
RESOURCES												
7	MAIN HYDRO	5/	11594	11590	11592	11593	11593	11595	11596	11597	11598	11600
8	INDEPENDENT HYDRO	5/	900	897	896	897	898	901	901	902	903	904
9	SUS. PKNG. ADJUSTMENT	6/	0	0	0	0	0	0	0	0	0	0
10	TOTAL HYDRO		12494	12487	12488	12490	12491	12496	12497	12499	12501	12504
11	SMALL THERMAL & MISC	7/	54	54	54	55	56	57	58	59	59	61
12	COMBUSTION TURBINES	8/	455	455	455	455	455	455	455	455	455	455
13	RENEWABLES	9/	42	43	43	43	43	43	43	43	43	43
14	COGENERATION	10/	103	103	103	102	84	66	66	66	66	66
15	IMPORTS	11/	1135	1152	1151	1085	1069	1100	1042	1041	1050	1027
16	CENTRALIA		1113	1045	1113	1084	1112	1089	1112	1113	1112	1112
17	TROJAN		782	782	782	782	782	782	782	782	782	782
18	JIM BRIDGER		551	571	564	552	551	571	551	558	558	558
19	COLSTRIP 1 & 2		358	353	353	359	356	359	360	366	368	371
20	BOARDMAN		397	397	397	397	397	397	397	397	397	397
21	VALMY		216	216	215	216	196	216	216	216	216	196
22	COLSTRIP 3		453	410	450	432	452	415	455	436	438	439
23	WNP 2		711	711	711	711	711	711	711	711	711	711
24	COLSTRIP 4		351	384	359	384	351	384	359	346	359	359
25	FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0
26	PURPA RESOURCES	13/	258	257	256	257	257	258	258	259	259	260
27	TOTAL RESOURCES		19473	19420	19494	19404	19363	19399	19362	19347	19374	19341
28	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
29	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
30	BPA SPINNING RESERVES	16/	0	0	0	0	0	0	0	0	0	0
31	DSI RESERVES	17/	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	18/	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
33	NET RESOURCES		19462	19409	19483	19393	19352	19388	19351	19336	19363	19330
34	FIRM SURPLUS/DEFICIT		-1574	-1857	-2078	-2611	-2945	-3183	-3424	-3695	-3983	-4369
35	TOTAL SURPLUS/DEFICIT		-2364	-2646	-2868	-3401	-3734	-3972	-4214	-4485	-4773	-5159

REGIONAL FOOTNOTES

FOR TABLE 1

1/ Firm loads for the region include the sum of the estimated firm loads of Federal agencies, public agencies, DSIs, IOUs, and associated transmission losses. Peak loads represent non-coincidental capacity demands adjusted to account for Federal system diversity.

2/ Total loads for the region include system firm loads, plus BPA's nonfirm loads, which include industrial first-quartile loads, associated transmission losses, and Utah Power Company's interruptible load.

3/ Exports from the region by Northwest utilities include BPA's contracts with Northern California public agencies; BPA's surplus firm sales to the cities of Burbank, Glendale and Pasedena, and to Southern California Edison through OY 1999-2000; BPA's capacity sales to the cities of Burbank, Glendale and Pasedena, and to Southern California Edison beginning OY 1999-2000; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; Northwest-Southwest intertie losses; Pacific Power and Light's transfer to its Northern California load and its contracts with Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and Utah Power Company; Portland General Electric's contracts with Pacific Gas and Electric, Portland General Exchange, Southern California Edison, and Western Area Power Administration (WAPA); Seattle City Light's contract with Pacific Gas and Electric; Tacoma City Light's contract with WAPA; and Washington Water Power's contracts with Pacific Gas and Electric and Southern California Edison.

Also included in exports are resources owned by utilities outside the region. These include the Basin Electric to WAPA transfer; Longview Fibre to WAPA; and 14.2 percent of Boardman to San Diego Gas and Electric.

4/ Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility allocation requirements. This is due to the fact that all peaking electrical loads do not occur simultaneously throughout the region.

5/ Hydro resources are the sum of all utilities' mainstem and independent hydro projects for Pacific Northwest regional utilities, except for Utah Power Company.

6/ 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, and forced outage reserves.

7/ Small thermal and miscellaneous resources include Bonners Ferry's Diesel No. 1, Diesel No. 2, and No Name; City of Idaho Falls' Diesel; Portland General Electric's Summit plants; 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.

8/ Combustion turbines include Idaho'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.

9/ Renewables include Emerald County PUD's Short Mountain; and Washington Water Power's Kettle Falls.

10/ Cogeneration includes Clark's Great Western Malting; Eugene Water and Electric Board's WEYCO Energy Center and Willamette Steam Plant; Seattle City Light's Metro Westpoint; and Tacoma's Steam Plant No. 2.

Longview Fibre is sold outside the region to WAPA.

11/ Imports include return energy to BPA from the cities of Glendale, Pasadena, and Burbank, and from Southern California Edison when their surplus firm sales convert to capacity/energy exchanges beginning in OY 1999-2000; Southern California Edison's contract with Portland General Electric; Pacific Power and Light's transfers from Pacific Power and Light's Wyoming Division; BC Hydro and Pacific Gas and Electric's contracts with Seattle City Light; Utah Power Company's intracompany transfer; and Pacific Gas and Electric, Southern California Edison, and BC Hydro's contracts with Washington Water Power.

Basin Electric to WAPA is an import transfer through the region.

12/ Federal planned acquisitions are BPA's budgeted conservation and resource acquisitions. BPA currently has no new acquisition programs over those budgeted for FY 1990 and 1991.

13/ Resources under the Public Utility Regulatory Policies Act (PURPA) are those that have been declared as firm resources by BPA customers under Exhibit I of their power sales contracts.

14/ 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.

15/ 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.

16/ Federal spinning reserves equal the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.

17/ Direct service industry reserve requirements are estimated at two-thirds 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.

18/ Hydro maintenance is the sum of individual Federal system, public agencies, and IOUs hydro maintenance, based on the average of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS											
1 FEDERAL AGENCIES		135	137	138	139	141	142	143	143	144	145
2 FEDERAL & GEN PUBLIC LOSSES		149	153	156	153	153	156	151	153	155	155
3 USBR		57	57	57	57	57	57	57	58	57	58
4 DSI ALUMINUM FIRM		2019	1891	1841	1808	1770	1751	1715	1714	1714	1714
5 DSI NON-ALUM FIRM		248	248	175	175	175	176	177	178	179	179
6 DSI FIRM LOSSES		59	56	53	52	51	50	49	49	49	49
7 SM & NON GEN PUB PURCH	1/	2944	2980	3029	3059	3080	3142	3195	3243	3293	3346
8 FIRM SYSTEM LOAD		5611	5522	5449	5443	5427	5474	5487	5538	5591	5646
TRANSFERS OUT											
9 EXPORTS	2/	170	169	168	168	168	168	169	182	290	318
10 CONTRACTS OUT	3/	546	612	596	596	597	596	267	272	272	248
11 CSPE TO WEST GROUP UTIL	4/	327	315	302	289	276	264	252	238	187	102
12 GEN PUBLIC AGEN PURCH	1/	1654	1717	1759	1788	1775	1849	1896	1968	2012	2092
13 GEN PRIVATE UTIL PURCH	5/	107	138	188	0	0	0	0	0	0	0
14 FED DIVERSITY	6/	0	0	0	0	0	0	0	0	0	0
15 FIRM LOADS		8415	8473	8463	8284	8243	8351	8071	8198	8352	8405
16 DSI ALUM TOP QUARTILE	7/	673	631	614	602	590	584	571	571	571	571
17 DSI NON-ALUMINUM TQ	7/	81	83	58	58	58	59	59	59	60	60
18 TOP QUARTILE LOSSES	7/	20	19	18	17	17	17	16	16	16	16
19 TOTAL LOADS		9189	9205	9152	8962	8908	9010	8718	8844	8999	9053
RESOURCES											
20 SYSTEM HYDRO		7264	7264	7264	7264	7264	7264	7264	7264	7264	7264
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0
23A CAN. ENT. NON-FED(CSPE)	9/	75	71	67	62	58	55	54	50	40	23
23B CAN. ENT. NON-FED(CNDA)	9/	0	0	0	0	0	0	0	3	27	72
24 RESTORATION	10/	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
25 TOTAL HYDRO		7316	7312	7308	7303	7299	7296	7295	7294	7308	7336
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0
30 IMPORTS	11/	0	0	0	0	0	0	0	0	0	45
31 CONTRACTS IN	12/	143	208	208	208	208	208	218	224	224	274
32 LARGE THERMAL	13/	945	945	945	945	945	945	945	945	945	945
33 FED PLANNED ACQUIS	14/	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		8404	8465	8461	8456	8452	8449	8458	8463	8477	8600

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
35 HYD,SM THRM & MISC RES 15/	0	0	0	0	0	0	0	0	0	0
36 LARGE THERMAL RESERVES 16/	0	0	0	0	0	0	0	0	0	0
37 SPINNING RESERVES 17/	0	0	0	0	0	0	0	0	0	0
38 DSI RESERVES 18/	0	0	0	0	0	0	0	0	0	0
39 FEDERAL HYDRO MAINT 19/	0	0	0	0	0	0	0	0	0	0
40 NET RESOURCES	8404	8465	8461	8456	8452	8449	8458	8463	8477	8600
41 FIRM SURPLUS/DEFICIT	-11	-7	-1	172	210	99	388	266	125	195
42 TOTAL SURPLUS/DEFICIT	-785	-739	-691	-506	-456	-560	-259	-381	-522	-452
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES										
43 CONTRACTUAL AVAIL RESOURCES	322	321	320	320	320	324	324	324	324	42

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. UNDER MEDIUM LOADS CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO PSP&L, POWER SALE TO SEASONAL POWER EXCHANGE CONVERTS IN OY 1999-00
D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
E. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
G. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS											
1 FEDERAL AGENCIES		146	147	147	148	149	149	150	150	151	152
2 FEDERAL & GEN PUBLIC LOSSES		156	159	160	162	165	170	173	175	179	182
3 USBR		58	58	58	58	58	58	58	58	58	58
4 DSI ALUMINUM FIRM		1714	1714	1714	1714	1714	1714	1714	1714	1714	1714
5 DSI NON-ALUM FIRM		180	180	181	180	180	181	181	181	182	182
6 DSI FIRM LOSSES		49	49	49	49	49	49	49	50	49	49
7 SM & NON GEN PUB PURCH	1/	3388	3431	3479	3535	3591	3651	3704	3754	3805	3865
8 FIRM SYSTEM LOAD		5691	5738	5788	5846	5906	5972	6029	6082	6138	6202
TRANSFERS OUT											
9 EXPORTS	2/	315	311	369	548	542	537	531	526	519	514
10 CONTRACTS OUT	3/	248	248	247	248	248	248	248	215	164	164
11 CSPE TO WEST GROUP UTIL	4/	98	94	70	0	0	0	0	0	0	0
12 GEN PUBLIC AGEN PURCH	1/	2135	2201	2241	2329	2388	2525	2607	2663	2722	2818
13 GEN PRIVATE UTIL PURCH	5/	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	6/	0	0	0	0	0	0	0	0	0	0
15 FIRM LOADS		8487	8591	8714	8971	9084	9281	9415	9486	9543	9698
16 DSI ALUM TOP QUARTILE	7/	571	571	571	571	571	571	571	571	571	571
17 DSI NON-ALUMINUM TQ	7/	60	60	60	60	60	60	60	60	60	60
18 TOP QUARTILE LOSSES	7/	16	16	16	16	16	16	16	16	16	16
19 TOTAL LOADS		9135	9239	9362	9619	9732	9929	10063	10134	10191	10346
RESOURCES											
20 SYSTEM HYDRO		7264	7264	7264	7264	7264	7264	7264	7264	7264	7264
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	8/	0	0	0	0	0	0	0	0	0	0
23A CAN. ENT. NON-FED(CSPE)	9/	22	21	16	0	0	0	0	0	0	0
23B CAN. ENT. NON-FED(CNDA)	9/	71	70	83	124	122	121	120	118	117	116
24 RESTORATION	10/	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
25 TOTAL HYDRO		7334	7332	7340	7365	7363	7362	7361	7359	7358	7357
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0
30 IMPORTS	11/	44	42	41	40	39	38	38	36	28	0
31 CONTRACTS IN	12/	274	245	245	245	245	245	245	245	195	195
32 LARGE THERMAL	13/	945	945	945	945	945	945	945	945	945	945
33 FED PLANNED ACQUIS	14/	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		8597	8564	8571	8595	8592	8590	8589	8585	8526	8497

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
35 HYD,SM THRM & MISC RES	15/	0	0	0	0	0	0	0	0	0	0
36 LARGE THERMAL RESERVES	16/	0	0	0	0	0	0	0	0	0	0
37 SPINNING RESERVES	17/	0	0	0	0	0	0	0	0	0	0
38 DSI RESERVES	18/	0	0	0	0	0	0	0	0	0	0
39 FEDERAL HYDRO MAINT	19/	0	0	0	0	0	0	0	0	0	0
40 NET RESOURCES		8597	8564	8571	8595	8592	8590	8589	8585	8526	8497
41 FIRM SURPLUS/DEFICIT		110	-27	-143	-376	-492	-691	-825	-900	-1016	-1200
42 TOTAL SURPLUS/DEFICIT		-537	-674	-791	-1023	-1139	-1339	-1473	-1548	-1664	-1848
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES											
43 CONTRACTUAL AVAIL RESOURCES		43	44	46	47	48	49	49	49	46	0

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. UNDER MEDIUM LOADS CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO PSP&L, POWER SALE TO SEASONAL POWER EXCHANGE CONVERTS IN OY 1999-00
D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
E. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
G. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

FEDERAL SYSTEM FOOTNOTES

FOR TABLE 2

1/ BPA's 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 requirements not served by its own dedicated resources.

2/ BPA's exports include BPA's contracts with Northern California public agencies; BPA's short-term surplus firm energy sales to Portland General Electric and Portland General Exchange; BPA's surplus firm sales energy to the cities of Burbank, Glendale, and Pasedena, and to Southern California Edison through OY 1998-1999; BPA's capacity sales to the cities of Burbank, Glendale, and Pasedena, and to Southern California Edison beginning OY 1999-2000; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1998; and Northwest-Southwest intertie losses.

3/ BPA's contracts out include BPA's contracts of Canadian Entitlement capacity and supplemental capacity to public agencies and IOUs; BPA's contracts with Clark County PUD and other public agencies (Packwood Lake); BPA's WNP-1 obligation contract 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 contract with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's capacity contracts with Pacific Power and Light and Portland General Electric; BPA's short-term surplus firm energy sale with Portland General Electric; and BPA's surplus firm energy sale to Puget Sound Power and Light.

4/ Columbia Storage Power Exchange (CSPE) is the sale of the Canadian share of downstream benefits under the Treaty with Canada to a group of Northwest utilities expiring April 1, 2003.

5/ Generating private utility purchase is the contracted peak and energy requirement placed on the Federal system under the IOUs' power sales contracts with BPA. Puget Sound Power and Light is the only IOU purchasing energy from BPA through June 30, 1993 under its power sales contract.

6/ 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.

7/ Industrial top quartile and first-quartile line losses are part of BPA's interruptible DSI loads.

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, and forced outage reserves.

9/ Canadian Entitlement Return non-Federal (CSPE) reflects the public agencies' and IOUs' obligation of Canadian Entitlement allocation to the Northwest entities of the CSPE, which expires April 1, 2003. Canadian Entitlement Return non-Federal (Canada) reflects the Federal system, public agencies', and IOUs' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.

10/ Restoration deals with 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 which lost generation from Canadian storage.

11/ BPA's imports include exchange energy from the cities of Burbank, Glendale, and Pasadena, and from Southern California Edison when their surplus firm sales convert to capacity/energy exchanges in OY 1999-2000.

12/ Contracts in include Montana Power Company's return of exchange energy under its capacity/energy exchange contract with BPA; BPA's WNP-3 settlement contract with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; and Puget Sound Power and Light's seasonal power exchange contract with BPA when the current surplus firm contract converts in OY 1999-2000.

13/ Federal large thermal includes the generation from WNP-2, operated by WPPSS, and 30 percent of Portland General Electric's Trojan nuclear power plant.

14/ Federal planned acquisitions are BPA's budgeted conservation and resource acquisitions. BPA currently has no new acquisition programs over those budgeted for FY 1990 and 1991.

15/ Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the Federal capacity of these resources.

16/ Large thermal reserve requirements are estimated at 15 percent of the Federal share of Pacific Northwest thermal resources.

17/ Federal spinning reserve is the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.

18/ Direct service industrial reserve requirements are two-thirds 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.

19/ Hydro maintenance is the sum of the Federal hydro maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS												
1	SYSTEM LOADS		6846	6932	7045	7111	7124	7237	7353	7454	7549	7642
2	EXPORTS	1/	45	45	45	52	74	74	74	74	74	74
3	CONTRACTS OUT	2/	61	62	62	62	51	51	51	51	43	41
4	TOTAL LOADS		6952	7039	7152	7225	7249	7362	7478	7579	7666	7757
RESOURCES												
5	SYSTEM HYDRO		1627	1632	1638	1643	1648	1674	1678	1683	1688	1693
6	CONTRACT HYDRO		271	271	271	271	271	271	271	271	271	271
7A	CAN. ENT. RETURN (CSPE)	3/	-25	-23	-22	-21	-20	-18	-17	-18	-13	-6
7B	CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	-1	-9	-23
8	RESTORATION	4/	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9	TOTAL HYDRO		1870	1877	1884	1890	1896	1924	1929	1932	1934	1932
10	SMALL THERMAL & MISC	5/	2	2	3	2	2	2	3	3	3	3
11	COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	7/	164	157	151	144	138	133	126	118	93	51
13	RENEWABLES	8/	2	2	2	2	2	2	2	2	3	3
14	COGENERATION	9/	85	85	82	85	76	67	67	67	67	67
15	IMPORTS	10/	35	36	36	66	66	66	66	66	66	66
16	CONTRACTS IN	11/	51	51	53	45	41	40	40	40	40	40
17	LARGE THERMAL	12/	307	290	307	301	307	290	307	290	307	301
18	PURPA RESOURCES	13/	29	29	29	30	29	29	29	29	29	30
19	TOTAL RESOURCES		2545	2529	2547	2565	2557	2553	2569	2547	2542	2493
20	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
22	PUBLIC HYDRO MAINT	16/	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23	NET RESOURCES		2543	2527	2545	2563	2555	2551	2567	2545	2540	2491
24	SURPLUS/DEFICIT		-4409	-4512	-4607	-4662	-4694	-4811	-4911	-5034	-5126	-5266
25	DEDICATED RESOURCES	17/	2229	2217	2230	2230	2228	2228	2245	2224	2224	2182
26	PURCHASE FROM BPA	18/	4598	4697	4788	4847	4855	4991	5091	5211	5305	5437
27	SURPLUS/DEFICIT W/PURCH		188	184	181	185	160	179	179	176	179	171

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS												
1	SYSTEM LOADS		7734	7827	7919	8023	8148	8266	8377	8488	8601	8732
2	EXPORTS	1/	74	74	74	74	74	74	74	74	74	74
3	CONTRACTS OUT	2/	40	40	40	40	40	39	39	39	38	38
4	TOTAL LOADS		7848	7941	8033	8137	8262	8379	8490	8601	8713	8844
RESOURCES												
5	SYSTEM HYDRO		1705	1716	1727	1738	1749	1953	2051	2051	2051	2236
6	CONTRACT HYDRO		271	271	271	271	271	201	168	168	168	147
7A	CAN. ENT. RETURN (CSPE)	3/	-6	-6	-5	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	3/	-22	-23	-29	-42	-42	-48	-50	-49	-48	-55
8	RESTORATION	4/	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9	TOTAL HYDRO		1945	1955	1961	1964	1975	2103	2166	2167	2168	2325
10	SMALL THERMAL & MISC	5/	2	3	2	3	3	2	3	3	2	3
11	COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	7/	49	46	35	0	0	0	0	0	0	0
13	RENEWABLES	8/	3	3	3	3	3	3	3	3	3	3
14	COGENERATION	9/	67	67	67	66	66	66	66	66	66	66
15	IMPORTS	10/	66	66	66	66	66	66	66	66	66	66
16	CONTRACTS IN	11/	40	40	40	40	40	39	39	39	39	39
17	LARGE THERMAL	12/	307	291	307	300	307	301	307	307	307	307
18	PURPA RESOURCES	13/	29	29	29	29	29	29	29	29	29	29
19	TOTAL RESOURCES		2508	2500	2510	2471	2489	2609	2679	2680	2680	2838
20	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
22	PUBLIC HYDRO MAINT	16/	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23	NET RESOURCES		2506	2498	2508	2469	2487	2607	2677	2678	2678	2836
24	SURPLUS/DEFICIT		-5342	-5443	-5525	-5668	-5775	-5772	-5813	-5923	-6035	-6008
25	DEDICATED RESOURCES	17/	2198	2189	2198	2160	2177	2096	2068	2069	2070	2043
26	PURCHASE FROM BPA	18/	5523	5631	5719	5864	5979	6175	6311	6417	6527	6683
27	SURPLUS/DEFICIT W/PURCH		181	188	194	196	204	403	497	493	491	674

FOOTNOTES FOR PUBLIC AGENCIES TABLE 3

1/ Public agencies' exports includes Tacoma City Light's contract with Western Area Power Administration (WAPA); City of Idaho Falls contract for Gem State Hydro with Utah Power Company; and Seattle City Light's seasonal exchange contract with Pacific Gas and Electric.

2/ Public agencies' contracts out includes Seattle City Light's contracts with Pend Oreille and Idaho; Grant's contracts with Pacific Power & Light and Washington Water Power; Chelan's exchange contracts with Douglas and Portland General Electric; Pend Oreille's contract with Seattle City Light; and Colockum's deliveries to Pacific Power & Light and Chelan; and Northern Wasco's sale to Puget Sound Power and Light.

3/ Canadian Entitlement Return non-Federal (CSPE) reflects the public agencies' obligation of Canadian Entitlement allocation to CSPE which expires in April 2003. Canadian Entitlement Return non-Federal (Canada) reflects the public agencies' obligation of Canadian Entitlement allocation to Canada which begins in April 1998.

4/ 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.

5/ Public agencies' small thermal and miscellaneous resources includes Seattle City Light's Boundary; City of Idaho Falls' Diesel plant; and Bonners Ferry's Diesel No. 1, Diesel No. 2, and No Name.

6/ There are no regional public agencies' combustion turbines.

7/ Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through operating year 2002-03 of the Canadian share of downstream benefits under the Treaty with Canada.

8/ Public agencies' renewable resources includes Emerald PUD's Short Mountain.

9/ Public agencies' cogeneration includes Eugene Water & Electric Board's Weyerhaeuser WEYCO Energy Center and Willamette Steam Plant, Seattle City Light's Metro Westpoint, Tacoma City Light's Steam Plant No. 2, and Clark's Great Western Malting.

10/ Public agencies' imports includes BC Hydro's contract with Seattle City Light for Ross replacement and Pacific Gas & Electric's seasonal exchange contract with Seattle City Light.

11/ Public agencies' contracts includes Eugene Water & Electric Board's and Pend Oreille's contracts to Seattle City Light; Colockum's, Douglas's and Portland General Electric's contracts to Chelan; Chelan's contract to Douglas; Seattle's contract to Pend Oreille; Pacific Power & Light's contract to Colockum; BPA's contract to Snohomish; BPA's contract to Clark County; and BPA's contracts to other publics.

12/ Public agencies' large thermal includes Seattle City Light, Tacoma City Light, Snohomish's share of Centralia, and Pacific Northwest Generating Company's (PNGC's) 10 percent share of Boardman.

13/ Public agencies' PURPA resources includes Snohomish, 0.4 aMW; Oregon Trail, 12 aMW; City of Ashland, 0.4aMW; Mason, 0.2 aMW; Lewis, 0.4 aMW; Northern Wasco, 13 aMW; City of Port Angeles, 0.3 aMW; City of Soda Springs, 0.4 aMW; and Tillamook, 1.1 aMW.

14/ Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the public agencies' share of capacity from these resources.

15/ Large thermal reserves requirements are 15 percent of the public agencies' share of Pacific Northwest thermal resources.

16/ Hydro maintenance is the sum of the public agencies' hydro maintenance based on the mean of the 1983-84 through 1987-88 schedules submitted to the Northwest Power Pool.

17/ 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.

18/ Public agencies' firm-energy purchases from BPA 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.

TOTAL PRIVATE UTILITIES, TABLE 4

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS												
1	SYSTEM LOADS		8789	8902	9036	9160	9287	9382	9474	9586	9724	9857
2	EXPORTS	1/	356	401	385	385	386	372	358	359	353	343
3	CONTRACTS OUT	2/	406	469	472	441	436	434	443	437	425	474
4	TOTAL LOADS		9551	9772	9893	9986	10109	10188	10275	10382	10502	10674
RESOURCES												
5	SYSTEM HYDRO		1864	1862	1863	1865	1864	1864	1887	1888	1887	1890
6	CONTRACT HYDRO		1307	1302	1296	1291	1286	1260	1256	1251	1246	1241
7A	CAN. ENT. RETURN (CSPE)	3/	-44	-42	-40	-36	-33	-32	-32	-28	-23	-15
7B	CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	-2	-16	-43
8	RESTORATION	4/	27	27	27	27	27	27	27	27	27	27
9	TOTAL HYDRO		3154	3149	3146	3147	3144	3119	3138	3136	3121	3100
10	SMALL THERMAL & MISC	5/	43	42	40	43	43	43	50	52	52	53
11	COMBUSTION TURBINES	6/	455	455	455	455	455	455	455	455	455	455
12	CSPE PURCHASE	7/	163	158	151	145	138	131	126	120	94	51
13	RENEWABLES	8/	39	39	39	39	39	39	39	40	39	39
14	COGENERATION	9/	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	10/	1231	1137	1119	1155	1103	1103	1125	1075	1042	1078
16	CONTRACTS IN	11/	796	861	846	846	834	833	503	496	476	450
17	LARGE THERMAL	12/	3598	3549	3582	3571	3581	3557	3636	3568	3624	3621
18	PURPA RESOURCES	13/	209	217	219	217	218	218	225	228	228	228
19	TOTAL RESOURCES		9688	9607	9597	9618	9555	9498	9297	9170	9131	9075
20	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
22	PRIVATE HYDRO MAINT	16/	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
23	NET RESOURCES		9679	9599	9588	9610	9547	9490	9289	9161	9123	9067
24	SURPLUS/DEFICIT		128	-173	-305	-376	-562	-699	-986	-1221	-1380	-1607
25	DEDICATED RESOURCES	17/	7317	7084	7103	7226	7163	7093	7023	6898	6870	6854
26	EXHIBIT I PURCH FR BPA	18/	107	138	188	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT		236	-35	-117	-376	-562	-699	-986	-1221	-1380	-1607

TOTAL PRIVATE UTILITIES, TABLE 4

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

	MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS												
1	SYSTEM LOADS		9994	10129	10271	10428	10614	10786	10962	11134	11337	11568
2	EXPORTS	1/	344	346	347	348	349	350	270	244	246	237
3	CONTRACTS OUT	2/	475	446	409	291	251	251	251	251	202	202
4	TOTAL LOADS		10813	10921	11027	11067	11214	11387	11483	11629	11785	12007
RESOURCES												
5	SYSTEM HYDRO		1892	1885	1886	1888	1889	1894	1895	1897	1899	1902
6	CONTRACT HYDRO		1229	1218	1207	1196	1185	1050	986	986	986	822
7A	CAN. ENT. RETURN (CSPE)	3/	-14	-13	-9	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	3/	-43	-42	-47	-72	-70	-63	-60	-59	-59	-51
8	RESTORATION	4/	27	27	27	27	27	27	27	27	27	27
9	TOTAL HYDRO		3091	3075	3064	3039	3031	2908	2848	2851	2853	2700
10	SMALL THERMAL & MISC	5/	52	51	52	52	53	55	55	56	57	58
11	COMBUSTION TURBINES	6/	455	455	455	455	455	455	455	455	455	455
12	CSPE PURCHASE	7/	49	48	35	0	0	0	0	0	0	0
13	RENEWABLES	8/	39	40	40	40	40	40	40	40	40	40
14	COGENERATION	9/	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	10/	1025	1044	1044	979	964	996	938	939	956	961
16	CONTRACTS IN	11/	449	449	411	294	254	254	254	221	171	171
17	LARGE THERMAL	12/	3623	3575	3635	3614	3599	3621	3634	3616	3632	3616
18	PURPA RESOURCES	13/	229	228	227	228	228	229	229	230	230	231
19	TOTAL RESOURCES		9012	8965	8963	8701	8624	8558	8453	8408	8394	8232
20	HYD,SM THRM & MISC RES	14/	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	15/	0	0	0	0	0	0	0	0	0	0
22	PRIVATE HYDRO MAINT	16/	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
23	NET RESOURCES		9004	8957	8954	8692	8616	8550	8444	8400	8386	8223
24	SURPLUS/DEFICIT		-1809	-1964	-2073	-2374	-2599	-2837	-3039	-3230	-3399	-3784
25	DEDICATED RESOURCES	17/	6781	6760	6782	6628	6620	6529	6413	6420	6442	6294
26	EXHIBIT I PURCH FR BPA	18/	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT		-1809	-1964	-2073	-2374	-2599	-2837	-3039	-3230	-3399	-3784

FOOTNOTES FOR PRIVATE UTILITIES TABLE 4

1/ Private utilities' exports includes Washington Water Power's contracts with Pacific Gas & Electric and Southern California Edison; Portland General Electric's contracts with Portland General Exchange, Pacific Gas & Electric, Southern California Edison, and Western area Power Administration; and Pacific Power & Light's transfer to its Northern California load and contracts with Pacific Gas & Electric, Southern California Edison, Sacramento Municipal Utility District, and Utah Power Company; and Washington Water Power's contracts with Pacific Gas & Electric and Southern California Edison.

2/ Private utilities' contracts out includes Idaho Power Company's contracts with Seattle City Light and Montana; Montana Power Company's contracts with Idaho and BPA; Pacific Power & Light's contracts with BPA, Colockum, and Puget Sound Power & Light; Portland General Electric's contracts with BPA, Chelan, and Pacific Power & Light; Puget Sound Power & Light's contracts with BPA; and Washington Water Power's contracts with BPA, Pacific Power & Light and Puget Sound Power & Light.

3/ Canadian Entitlement Return non-Federal (CSPE) reflects the private utilities' obligation of Canadian Entitlement allocation to CSPE which expires in April 2003. Canadian Entitlement Return non-Federal (Canada) reflects the private utilities' obligation of Canadian Entitlement allocation to Canada which begins in April 1998.

4/ 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.

5/ Private utilities' existing small thermal and miscellaneous resources includes Puget Sound Power & 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.

6/ Private utilities' combustion turbines includes Portland General Electric's Bethel and Beaver; Puget Sound Power & Light's Whidbey Island, Whitehorn, Frederickson, and Fredonia; Washington Water Power's Northeast; and Idaho Power Company's Wood River.

7/ Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through operating year 2002-03 of the Canadian share of downstream benefits under the Treaty with Canada.

8/ Private utilities' renewable resources include Washington Water Power's Kettle Falls.

9/ There are no regional private utilities' cogeneration.

10/ Private utilities' imports includes Portland General Electric's contract with Southern California Edison; Pacific Power & Light's transfers with Pacific Power & Light's Wyoming division; Utah Power Company's intracompany transfer; and Washington Water Power's contracts with BC Hydro, Pacific Gas & Electric, and Southern California Edison.

11/ Public agencies' contracts includes Montana's and Seattle's contracts to Idaho; BPA's and Idaho's contracts to Montana; BPA's, Colockum's, Grant's, Portland General Electric's and Washington Water Power's contracts to Pacific Power; BPA's and Chelan's contracts to Portland General Electric; BPA's, Northern Wasco's, Pacific Power's and Washington Water Power's contracts to Puget Sound Power & Light; BPA's and Grant's contracts to Washington Water Power.

12/ Private utilities' large thermal includes the private utilities' shares of Centralia, Trojan, Jim Bridger, Colstrip 1 & 2, Colstrip 3 & 4, Boardman Coal and Valmy; and Puget Sound Power & Light's purchase of Grays Harbor's share of Centralia.

13/ Each private utilities' total PURPA firm resources are included for Idaho Power, Montana Power, Pacific Power & Light, Portland General Electric, Puget Sound Power & Light and Washington Water Power.

14/ 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.

15/ Large thermal reserves requirements are 15 percent of the private utilities' share of Pacific Northwest thermal resources and the Pacific Power and Light import from Wyoming.

16/ Hydro maintenance is the sum of the private utilities' hydro maintenance based on the mean of the 1983-84 through 1987-88 schedules submitted to the Northwest Power Pool.

17/ 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.

18/ Private utilities' firm-energy purchases from BPA under their power sales contracts and BPA's partnership program. Puget Sound Power & Light is the only private utility currently placing a load on BPA.

SECTION III - Individual Utility Load and Resource Balances

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TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	1402	1417	1441	1464	1485	1488	1496	1513	1531	1544
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	26	25	25	17	12	12	13	12	0	0
4 TOTAL LOADS	1428	1442	1466	1481	1497	1500	1509	1525	1531	1544
RESOURCES										
5 SYSTEM HYDRO	739	739	739	739	739	739	739	739	739	739
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	739	739	739	739	739	739	739	739	739	739
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	1	1	1	1	1	1	1	1	1	1
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	24	24	23	23	11	12	12	0	0	0
17 LARGE THERMAL	814	808	806	816	797	813	826	815	807	808
18 PURPA RESOURCES	66	68	69	69	69	69	69	69	69	69
19 TOTAL RESOURCES	1644	1640	1638	1648	1617	1634	1647	1624	1616	1617
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	1644	1640	1638	1648	1617	1634	1647	1624	1616	1617
24 SURPLUS/DEFICIT	216	198	172	167	120	134	138	99	85	73
25 DEDICATED RESOURCES	1365	1360	1360	1380	1361	1367	1380	1368	1360	1381
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	216	198	172	167	120	134	138	99	85	73

TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	1565	1586	1611	1630	1658	1678	1697	1714	1731	1752
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	1	0	0	0	0	0	0	0
4 TOTAL LOADS	1565	1586	1612	1630	1658	1678	1697	1714	1731	1752
RESOURCES										
5 SYSTEM HYDRO	739	739	739	739	739	739	739	739	739	739
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	739	739	739	739	739	739	739	739	739	739
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	1	1	1	1	1	1	1	1	1	1
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	-1	-1	-1	-1	-1	0	0	0	-1	-1
17 LARGE THERMAL	807	827	819	808	787	827	807	814	814	794
18 PURPA RESOURCES	69	69	69	69	69	69	69	69	69	69
19 TOTAL RESOURCES	1615	1635	1627	1616	1595	1636	1616	1623	1622	1602
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	1615	1635	1627	1616	1595	1636	1616	1623	1622	1602
24 SURPLUS/DEFICIT	50	49	15	-14	-63	-42	-81	-91	-109	-150
25 DEDICATED RESOURCES	1360	1380	1373	1361	1360	1380	1360	1367	1367	1367
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	50	49	15	-14	-63	-42	-81	-91	-109	-150

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS											
1	SYSTEM LOADS	328	331	333	335	337	339	341	343	346	352
2	EXPORTS	0	0	0	0	0	0	0	0	0	0
3	CONTRACTS OUT	42	42	42	42	42	42	41	30	30	29
4	TOTAL LOADS	370	373	375	377	379	381	382	373	376	381
RESOURCES											
5	SYSTEM HYDRO	98	97	98	99	98	99	121	122	121	125
6	CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8	RESTORATION	6	6	6	6	6	6	6	6	6	6
9	TOTAL HYDRO	104	103	104	105	104	105	127	128	127	131
10	SMALL THERMAL & MISC	40	39	37	40	40	40	47	49	49	50
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	0	0	0	0	0	0	0	0	0	0
16	CONTRACTS IN	80	80	80	80	80	80	12	12	0	0
17	LARGE THERMAL	135	132	135	132	136	135	169	164	169	170
18	PURPA RESOURCES	8	14	15	15	16	16	23	26	26	26
19	TOTAL RESOURCES	367	368	371	372	376	376	378	379	371	377
20	HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23	NET RESOURCES	366	368	371	372	376	376	378	379	371	377
24	SURPLUS/DEFICIT	-4	-5	-4	-5	-3	-5	-4	6	-6	-4
25	DEDICATED RESOURCES	283	285	290	288	291	292	287	285	289	296
26	EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT	-4	-5	-4	-5	-3	-5	-4	6	-6	-4

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	358	364	370	376	381	388	396	402	409	417
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	29	0	0	0	0	0	0	0	1	1
4 TOTAL LOADS	387	364	370	376	381	388	396	402	410	418
RESOURCES										
5 SYSTEM HYDRO	127	120	120	123	124	128	129	132	134	136
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	6	6	6	6	6	6	6	6	6	6
9 TOTAL HYDRO	133	126	126	129	130	134	135	138	140	142
10 SMALL THERMAL & MISC	49	48	49	49	50	52	52	53	54	55
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	1	1
17 LARGE THERMAL	175	160	166	168	172	171	179	180	183	187
18 PURPA RESOURCES	27	26	25	26	26	27	27	28	28	29
19 TOTAL RESOURCES	384	360	366	372	378	384	393	399	406	414
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	384	360	366	372	378	384	392	399	406	413
24 SURPLUS/DEFICIT	-3	-3	-4	-4	-4	-4	-4	-3	-4	-5
25 DEDICATED RESOURCES	303	310	316	321	326	330	338	344	349	355
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-3	-3	-4	-4	-4	-4	-4	-3	-4	-5

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	2037	2059	2084	2103	2122	2135	2152	2177	2202	2225
2 EXPORTS	201	202	202	202	203	189	175	176	170	160
3 CONTRACTS OUT	110	205	208	185	185	185	185	185	185	185
4 TOTAL LOADS	2348	2466	2494	2490	2510	2509	2512	2538	2557	2570
RESOURCES										
5 SYSTEM HYDRO	346	346	346	346	346	346	346	346	346	346
6 CONTRACT HYDRO	214	214	214	214	214	214	214	214	214	214
7A CAN. ENT. RETURN (CSPE)	-7	-7	-6	-5	-5	-5	-5	-5	-4	-4
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-4	-7
8 RESTORATION	30	30	30	30	30	30	30	30	30	30
9 TOTAL HYDRO	583	583	584	585	585	585	585	585	582	579
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	33	32	30	29	28	26	25	24	19	10
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	1018	919	898	937	883	884	905	855	819	854
16 CONTRACTS IN	88	152	149	149	149	148	79	79	71	69
17 LARGE THERMAL	654	623	652	641	653	623	653	620	653	645
18 PURPA RESOURCES	65	65	65	65	65	65	65	65	65	65
19 TOTAL RESOURCES	2441	2374	2378	2406	2363	2331	2312	2228	2209	2222
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 NET RESOURCES	2439	2372	2376	2404	2361	2329	2310	2226	2207	2220
24 SURPLUS/DEFICIT	91	-94	-118	-86	-149	-180	-202	-312	-350	-350
25 DEDICATED RESOURCES	2387	2256	2263	2291	2248	2216	2197	2113	2102	2117
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	91	-94	-118	-86	-149	-180	-202	-312	-350	-350

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	2252	2282	2309	2337	2369	2399	2427	2454	2499	2542
2 EXPORTS	161	163	164	165	166	167	87	61	63	63
3 CONTRACTS OUT	185	185	185	105	65	65	65	65	65	65
4 TOTAL LOADS	2598	2630	2658	2607	2600	2631	2579	2580	2627	2670
RESOURCES										
5 SYSTEM HYDRO	346	346	346	346	346	346	346	346	346	346
6 CONTRACT HYDRO	214	214	214	214	214	169	148	148	148	94
7A CAN. ENT. RETURN (CSPE)	-3	-3	-2	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-7	-7	-8	-13	-11	-9	-8	-8	-8	-6
8 RESTORATION	30	30	30	30	30	30	30	30	30	30
9 TOTAL HYDRO	580	580	580	577	579	536	516	516	516	464
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	10	9	7	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	797	817	814	747	729	758	697	695	709	709
16 CONTRACTS IN	69	69	69	69	69	69	69	69	69	69
17 LARGE THERMAL	653	620	654	642	652	642	653	649	651	651
18 PURPA RESOURCES	65	65	65	65	65	65	65	65	65	65
19 TOTAL RESOURCES	2174	2160	2189	2100	2094	2070	2000	1994	2010	1958
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 NET RESOURCES	2172	2158	2187	2098	2092	2068	1998	1992	2008	1956
24 SURPLUS/DEFICIT	-426	-472	-471	-509	-508	-563	-581	-588	-619	-714
25 DEDICATED RESOURCES	2069	2050	2075	1986	1980	1956	1886	1880	1896	1844
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-426	-472	-471	-509	-508	-563	-581	-588	-619	-714

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	1823	1854	1882	1906	1937	1971	1998	2023	2059	2095
2 EXPORTS	148	174	158	158	158	158	158	158	158	158
3 CONTRACTS OUT	59	59	61	61	61	61	71	72	72	71
4 TOTAL LOADS	2030	2087	2101	2125	2156	2190	2227	2253	2289	2324
RESOURCES										
5 SYSTEM HYDRO	210	209	209	210	210	209	210	210	210	209
6 CONTRACT HYDRO	294	294	294	294	294	294	294	294	294	294
7A CAN. ENT. RETURN (CSPE)	-12	-11	-11	-10	-9	-8	-8	-8	-6	-4
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-4	-11
8 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 TOTAL HYDRO	490	490	490	492	493	493	494	494	492	486
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	350	350	350	350	350	350	350	350	350	350
12 CSPE PURCHASE	57	55	53	51	48	46	44	42	33	18
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	34	34	34	34	34	34	34	34	34	34
16 CONTRACTS IN	139	139	124	124	124	124	67	67	67	67
17 LARGE THERMAL	1030	1030	1027	1026	1030	1030	1027	1025	1030	1031
18 PURPA RESOURCES	15	15	15	15	15	15	15	15	15	15
19 TOTAL RESOURCES	2116	2114	2094	2093	2095	2093	2032	2028	2022	2002
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 NET RESOURCES	2114	2112	2092	2091	2093	2091	2030	2026	2020	2000
24 SURPLUS/DEFICIT	84	25	-9	-34	-63	-99	-197	-227	-269	-324
25 DEDICATED RESOURCES	1156	1152	1152	1151	1150	1146	1147	1143	1134	1112
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	84	25	-9	-34	-63	-99	-197	-227	-269	-324

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS											
1	SYSTEM LOADS	2125	2154	2184	2219	2254	2284	2318	2353	2390	2433
2	EXPORTS	158	158	158	158	158	158	158	158	158	150
3	CONTRACTS OUT	71	71	71	71	71	72	72	72	72	72
4	TOTAL LOADS	2354	2383	2413	2448	2483	2514	2548	2583	2620	2655
RESOURCES											
5	SYSTEM HYDRO	209	209	210	209	209	210	210	209	209	210
6	CONTRACT HYDRO	294	294	294	294	294	249	228	228	228	174
7A	CAN. ENT. RETURN (CSPE)	-4	-4	-3	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	-11	-11	-12	-19	-19	-17	-15	-15	-15	-12
8	RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9	TOTAL HYDRO	486	486	487	482	482	440	421	420	420	370
10	SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1
11	COMBUSTION TURBINES	350	350	350	350	350	350	350	350	350	350
12	CSPE PURCHASE	17	17	12	0	0	0	0	0	0	0
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	34	34	34	34	34	34	34	34	34	34
16	CONTRACTS IN	67	67	67	67	67	67	67	67	67	67
17	LARGE THERMAL	1027	1025	1030	1031	1027	1026	1030	1021	1025	1025
18	PURPA RESOURCES	15	15	15	15	15	15	15	15	15	15
19	TOTAL RESOURCES	1997	1995	1996	1980	1976	1933	1918	1908	1912	1862
20	HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23	NET RESOURCES	1995	1993	1994	1978	1974	1931	1916	1906	1910	1860
24	SURPLUS/DEFICIT	-359	-390	-419	-470	-509	-583	-632	-677	-710	-795
25	DEDICATED RESOURCES	1112	1110	1108	1090	1091	1048	1030	1029	1029	979
26	EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT	-359	-390	-419	-470	-509	-583	-632	-677	-710	-795

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	2181	2228	2279	2333	2380	2417	2449	2489	2535	2579
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	32	32	32	32	32	32	32	32	32	83
4 TOTAL LOADS	2213	2260	2311	2365	2412	2449	2481	2521	2567	2662
RESOURCES										
5 SYSTEM HYDRO	149	149	149	149	149	149	149	149	149	149
6 CONTRACT HYDRO	684	679	674	669	664	659	655	650	645	640
7A CAN. ENT. RETURN (CSPE)	-21	-20	-19	-17	-16	-16	-16	-13	-12	-7
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	-2	-8	-21
8 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9 TOTAL HYDRO	802	798	794	791	787	782	778	774	764	751
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	57	55	53	51	48	46	44	42	33	18
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	370	371	375	375	375	374	306	306	306	282
17 LARGE THERMAL	639	638	637	634	639	638	637	630	639	643
18 PURPA RESOURCES	38	38	38	36	36	36	36	36	36	36
19 TOTAL RESOURCES	1958	1952	1949	1939	1937	1928	1853	1840	1830	1782
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 NET RESOURCES	1955	1949	1946	1936	1934	1925	1850	1837	1827	1779
24 SURPLUS/DEFICIT	-258	-311	-365	-429	-478	-524	-631	-684	-740	-883
25 DEDICATED RESOURCES	1452	1367	1366	1448	1444	1434	1363	1350	1338	1312
26 EXHIBIT I PURCH FROM BPA	107	138	188	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-150	-173	-176	-429	-478	-524	-631	-684	-740	-883

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	2619	2659	2700	2752	2820	2889	2957	3026	3102	3192
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	83	83	83	83	83	83	83	83	32	32
4 TOTAL LOADS	2702	2742	2783	2835	2903	2972	3040	3109	3134	3224
RESOURCES										
5 SYSTEM HYDRO	149	149	149	149	149	149	149	149	149	149
6 CONTRACT HYDRO	628	617	606	595	584	558	546	546	546	514
7A CAN. ENT. RETURN (CSPE)	-7	-6	-4	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-21	-20	-23	-35	-35	-33	-33	-32	-32	-30
8 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
9 TOTAL HYDRO	739	730	718	699	688	664	652	653	653	623
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	17	17	12	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	282	282	244	127	87	86	86	53	3	3
17 LARGE THERMAL	637	629	639	642	637	635	639	632	636	636
18 PURPA RESOURCES	36	36	36	36	36	36	36	36	36	36
19 TOTAL RESOURCES	1763	1746	1701	1556	1500	1473	1465	1426	1380	1350
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 NET RESOURCES	1760	1743	1698	1553	1497	1470	1462	1423	1377	1347
24 SURPLUS/DEFICIT	-942	-999	-1085	-1282	-1406	-1502	-1578	-1686	-1757	-1877
25 DEDICATED RESOURCES	1297	1280	1271	1241	1229	1203	1193	1194	1195	1165
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-942	-999	-1085	-1282	-1406	-1502	-1578	-1686	-1757	-1877

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	162	159	162	159	161	160	162	161	164	165
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	162	159	162	159	161	160	162	161	164	165
RESOURCES										
5 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	162	159	162	159	161	160	161	161	164	165
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	162	159	162	159	161	160	161	161	164	165
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	162	159	162	159	161	160	161	161	164	165
24 SURPLUS/DEFICIT	0	0	0	0	0	0	-1	0	0	0
25 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	0	0	0	0	0	0	-1	0	0	0

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS											
1	SYSTEM LOADS	169	169	171	173	176	178	182	184	188	193
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	169	169	171	173	176	178	182	184	188	193
RESOURCES											
5	SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0
6	CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7	CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0
8	RESTORATION	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0
10	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	169	168	171	173	176	179	182	185	188	193
16	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18	PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19	TOTAL RESOURCES	169	168	171	173	176	179	182	185	188	193
20	HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23	NET RESOURCES	169	168	171	173	176	179	182	185	188	193
24	SURPLUS/DEFICIT	0	-1	0	0	0	1	0	1	0	0
25	DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0
26	EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT	0	-1	0	0	0	1	0	1	0	0

TABLE U-7

WWP LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	856	854	855	860	865	872	876	880	887	897
2 EXPORTS	7	25	25	25	25	25	25	25	25	25
3 CONTRACTS OUT	137	106	104	104	104	102	101	106	106	106
4 TOTAL LOADS	1000	985	984	989	994	999	1002	1011	1018	1028
RESOURCES										
5 SYSTEM HYDRO	322	322	322	322	322	322	322	322	322	322
6 CONTRACT HYDRO	115	115	114	114	114	93	93	93	93	93
7A CAN. ENT. RETURN (CSPE)	-4	-4	-4	-4	-3	-3	-3	-2	-1	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	-4
8 RESTORATION	3	3	3	3	3	3	3	3	3	3
9 TOTAL HYDRO	436	436	435	435	436	415	415	416	417	414
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54
12 CSPE PURCHASE	16	16	15	14	14	13	13	12	9	5
13 RENEWABLES	39	39	39	39	39	39	39	40	39	39
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	17	25	25	25	25	25	25	25	25	25
16 CONTRACTS IN	95	95	95	95	95	95	27	32	32	32
17 LARGE THERMAL	326	318	324	322	326	318	324	314	326	324
18 PURPA RESOURCES	17	17	17	17	17	17	17	17	17	17
19 TOTAL RESOURCES	1000	1000	1004	1001	1006	976	914	910	919	910
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 NET RESOURCES	999	999	1003	1000	1005	975	913	909	918	909
24 SURPLUS/DEFICIT	-1	14	19	11	11	-24	-89	-102	-100	-119
25 DEDICATED RESOURCES	674	664	672	668	669	638	649	639	647	636
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-1	14	19	11	11	-24	-89	-102	-100	-119

TABLE U-7

WWP LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	906	915	926	941	956	970	985	1001	1018	1039
2 EXPORTS	25	25	25	25	25	25	25	25	25	24
3 CONTRACTS OUT	107	107	69	32	32	31	31	31	32	32
4 TOTAL LOADS	1038	1047	1020	998	1013	1026	1041	1057	1075	1095
RESOURCES										
5 SYSTEM HYDRO	322	322	322	322	322	322	322	322	322	322
6 CONTRACT HYDRO	93	93	93	93	93	74	64	64	64	40
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-4	-4	-4	-5	-5	-4	-4	-4	-4	-3
8 RESTORATION	3	3	3	3	3	3	3	3	3	3
9 TOTAL HYDRO	414	414	414	413	413	395	385	385	385	362
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	54	54	54	54	54	54	54	54	54	54
12 CSPE PURCHASE	5	5	4	0	0	0	0	0	0	0
13 RENEWABLES	39	40	40	40	40	40	40	40	40	40
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	25	25	25	25	25	25	25	25	25	25
16 CONTRACTS IN	32	32	32	32	32	32	32	32	32	32
17 LARGE THERMAL	324	314	326	323	324	320	326	320	323	323
18 PURPA RESOURCES	17	17	17	17	17	17	17	17	17	17
19 TOTAL RESOURCES	910	901	912	904	905	883	879	873	876	853
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 NET RESOURCES	909	900	911	903	904	882	878	872	875	852
24 SURPLUS/DEFICIT	-129	-147	-109	-95	-109	-144	-163	-185	-200	-243
25 DEDICATED RESOURCES	640	630	639	629	634	612	606	606	606	584
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-129	-147	-109	-95	-109	-144	-163	-185	-200	-243

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	166	168	171	182	182	186	189	192	194	197
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	1	1	2	2	2	2	2	2	2	2
4 TOTAL LOADS	167	169	173	184	184	188	191	194	196	199
RESOURCES										
5 SYSTEM HYDRO	174	179	185	190	195	221	225	230	235	240
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-5	-5	-4	-4	-4	-4	-4	-4	-3	-1
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-2	-5
8 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 TOTAL HYDRO	167	172	179	184	189	215	219	224	228	232
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	3	3	3	3	3	3	3	2	2	1
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	3	3	5	5	5	5	4	5	5	4
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	173	178	187	192	197	223	226	231	235	237
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	173	178	187	192	197	223	226	231	235	237
24 SURPLUS/DEFICIT	6	9	14	8	13	35	35	37	39	38
25 DEDICATED RESOURCES	162	167	173	178	183	209	214	218	222	225
26 PURCHASE FROM BPA	4	1	0	4	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	10	10	14	12	13	35	35	37	39	38

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	199	201	203	205	208	210	212	213	215	216
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	201	203	205	207	210	212	214	215	217	218
RESOURCES										
5 SYSTEM HYDRO	252	263	274	285	296	296	296	296	296	296
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-5	-5	-6	-9	-9	-8	-8	-9	-8	-8
8 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 TOTAL HYDRO	244	255	265	274	285	286	286	285	286	286
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	4	4	4	4	4	5	5	5	5	5
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	249	260	270	278	289	291	291	290	291	291
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	249	260	270	278	289	291	291	290	291	291
24 SURPLUS/DEFICIT	48	57	65	71	79	79	77	75	74	73
25 DEDICATED RESOURCES	237	248	257	265	276	277	277	276	277	277
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	48	57	65	71	79	79	77	75	74	73

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	499	500	506	506	503	508	514	519	524	529
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	499	500	506	506	503	508	514	519	524	529
RESOURCES										
5 SYSTEM HYDRO	21	21	21	21	21	21	21	21	21	21
6 CONTRACT HYDRO	21	21	21	21	21	21	21	21	21	21
7A CAN. ENT. RETURN (CSPE)	-1	0	0	-1	-1	-1	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	4	4	4	4	4	4	4	4	4	4
9 TOTAL HYDRO	45	46	46	45	45	45	46	46	46	46
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	8	8	7	7	7	7	6	6	5	3
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	53	54	53	52	52	52	52	52	51	49
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	53	54	53	52	52	52	52	52	51	49
24 SURPLUS/DEFICIT	-446	-446	-453	-454	-451	-456	-462	-467	-473	-480
25 DEDICATED RESOURCES	53	54	53	52	52	52	52	52	51	49
26 PURCHASE FROM BPA	446	446	453	454	451	456	462	467	473	480
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	534	539	545	551	559	566	573	579	586	594
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	534	539	545	551	559	566	573	579	586	594
RESOURCES										
5 SYSTEM HYDRO	21	21	21	21	21	21	21	21	21	21
6 CONTRACT HYDRO	21	21	21	21	21	14	11	11	11	3
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	-1	-1	-1	-1	-1	-1	-1	0
8 RESTORATION	4	4	4	4	4	4	4	4	4	4
9 TOTAL HYDRO	46	46	45	45	45	38	35	35	35	28
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	3	2	2	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	49	48	47	45	45	38	35	35	35	28
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	49	48	47	45	45	38	35	35	35	28
24 SURPLUS/DEFICIT	-485	-491	-498	-506	-514	-528	-538	-544	-551	-566
25 DEDICATED RESOURCES	49	48	47	45	45	38	35	35	35	28
26 PURCHASE FROM BPA	485	491	498	506	514	528	538	544	551	566
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	88	88	90	90	90	91	92	93	95	96
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	89	89	91	91	91	92	93	94	96	97
RESOURCES										
5 SYSTEM HYDRO	74	74	74	74	74	74	74	74	74	74
6 CONTRACT HYDRO	16	16	16	16	16	16	16	16	16	16
7A CAN. ENT. RETURN (CSPE)	-4	-5	-5	-4	-4	-3	-3	-4	-2	-1
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-2	-5
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	85	84	84	85	85	86	86	85	85	83
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	1	1	1	1	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	86	85	85	86	86	87	87	85	85	83
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	86	85	85	86	86	87	87	85	85	83
24 SURPLUS/DEFICIT	-3	-4	-6	-5	-5	-5	-6	-9	-11	-14
25 DEDICATED RESOURCES	85	84	84	85	85	86	86	84	84	82
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	-3	-4	-6	-5	-5	-5	-6	-9	-11	-14

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	97	99	100	102	103	105	107	109	110	112
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	98	100	101	103	104	106	108	110	111	113
RESOURCES										
5 SYSTEM HYDRO	74	74	74	74	74	74	74	74	74	74
6 CONTRACT HYDRO	16	16	16	16	16	16	16	16	16	16
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-4	-5	-6	-8	-8	-8	-8	-8	-8	-7
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	84	83	82	81	81	81	81	81	81	82
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	84	83	82	81	81	81	81	81	81	82
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	84	83	82	81	81	81	81	81	81	82
24 SURPLUS/DEFICIT	-14	-17	-19	-22	-23	-25	-27	-29	-30	-31
25 DEDICATED RESOURCES	83	82	81	80	80	80	80	80	80	81
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	-14	-17	-19	-22	-23	-25	-27	-29	-30	-31

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	267	266	270	270	269	272	276	279	282	284
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	267	266	270	270	269	272	276	279	282	284
RESOURCES										
5 SYSTEM HYDRO	33	33	33	33	33	33	33	33	33	33
6 CONTRACT HYDRO	26	26	26	26	26	26	26	26	26	26
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	59	59	59	59	59	59	59	59	59	59
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	18	17	17	16	15	14	14	13	10	6
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	34	34	34	34	34	34	34	34	34	34
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	111	110	110	109	108	107	107	106	103	99
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 NET RESOURCES	110	109	109	108	107	106	106	105	102	98
24 SURPLUS/DEFICIT	-158	-158	-162	-163	-163	-167	-171	-175	-181	-187
25 DEDICATED RESOURCES	74	73	73	72	71	70	70	69	66	62
26 PURCHASE FROM BPA	195	195	199	200	200	204	208	212	218	224
27 SURPLUS/DEFICIT W/PURCH	37	37	37	37	37	37	37	37	37	37

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS											
1	SYSTEM LOADS	288	291	294	297	302	306	310	314	317	322
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	288	291	294	297	302	306	310	314	317	322
RESOURCES											
5	SYSTEM HYDRO	33	33	33	33	33	33	33	33	33	33
6	CONTRACT HYDRO	26	26	26	26	26	21	18	18	18	11
7A	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	0	0	0	-1	-1	-1	-1	-1	-1	0
8	RESTORATION	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	59	59	59	58	58	53	50	50	50	44
10	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	5	5	4	0	0	0	0	0	0	0
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	34	34	34	34	34	34	34	34	34	34
15	IMPORTS	0	0	0	0	0	0	0	0	0	0
16	CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18	PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19	TOTAL RESOURCES	98	98	97	92	92	87	84	84	84	78
20	HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23	NET RESOURCES	97	97	96	91	91	86	83	83	83	77
24	SURPLUS/DEFICIT	-192	-195	-199	-207	-212	-221	-228	-232	-235	-246
25	DEDICATED RESOURCES	61	61	60	55	55	51	48	48	48	43
26	PURCHASE FROM BPA	229	232	236	244	249	257	263	267	270	280
27	SURPLUS/DEFICIT W/PURCH	37	37	37	37	37	36	36	36	36	35

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	OPERATING LEVEL									
LOADS										
1 SYSTEM LOADS	268	269	276	285	294	308	318	322	325	329
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	10	10	10	10	10	10	10	10	2	0
4 TOTAL LOADS	278	279	286	295	304	318	328	332	327	329
RESOURCES										
5 SYSTEM HYDRO	335	335	335	335	335	335	335	335	335	335
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-10	-9	-9	-8	-7	-6	-6	-6	-5	-3
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	-1	-4	-9
8 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 TOTAL HYDRO	322	323	323	324	325	326	326	325	323	320
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	323	324	324	325	326	327	327	326	324	320
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURSES	323	324	324	325	326	327	327	326	324	320
24 SURPLUS/DEFICIT	45	45	38	30	22	9	-1	-6	-3	-9
25 DEDICATED RESOURCES	284	285	285	286	287	288	288	287	285	281
26A PURCHASE FROM BPA (METERD)	5	5	6	6	7	7	8	9	10	11
26B PURCHASE FROM BPA(COMPUTD)	0	0	0	0	0	13	22	26	30	37
27 SURPLUS/DEFICIT W/PURCH	50	50	44	36	29	29	29	29	37	39

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	333	337	341	345	351	356	361	366	370	376
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	333	337	341	345	351	356	361	366	370	376
RESOURCES										
5 SYSTEM HYDRO	335	335	335	335	335	539	637	637	637	822
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-3	-3	-2	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-9	-9	-11	-16	-16	-24	-28	-26	-26	-36
8 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 TOTAL HYDRO	320	320	319	316	316	512	606	608	608	783
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	320	320	319	316	316	512	606	608	608	783
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURSES	320	320	319	316	316	512	606	608	608	783
24 SURPLUS/DEFICIT	-13	-17	-22	-29	-35	156	245	242	238	407
25 DEDICATED RESOURCES	281	281	280	277	277	269	265	267	267	257
26A PURCHASE FROM BPA (METERD)	12	13	14	16	17	19	21	23	23	23
26B PURCHASE FROM BPA(COMPUTD)	40	43	47	52	57	68	75	76	80	96
27 SURPLUS/DEFICIT W/PURCH	39	39	39	39	39	243	341	341	341	526

TABLE U-13

PEND OREILLE LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS											
1A SYSTEM LOADS PF PURCHASE		41	56	55	55	55	55	56	57	58	59
1B PONDERAY FIBRE MILL		39	38	39	39	39	39	39	39	39	39
2 EXPORTS		0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT		15	15	15	15	15	12	12	12	12	12
4 TOTAL LOADS	1/	95	109	109	109	109	106	107	108	109	110
RESOURCES											
5 SYSTEM HYDRO		49	49	49	49	49	49	49	49	49	49
6 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)		0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)		0	0	0	0	0	0	0	0	0	0
8 RESTORATION		0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		49	49	49	49	49	49	49	49	49	49
10 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE		1	1	1	1	1	1	0	0	0	0
13 RENEWABLES		0	0	0	0	0	0	0	0	0	0
14 COGENERATION		0	0	0	0	0	0	0	0	0	0
15 IMPORTS		0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN		19	20	20	20	21	23	23	23	23	23
17 LARGE THERMAL		0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES		0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES		69	70	70	70	71	73	72	72	72	72
20 HYD,SM THRM & MISC RESERVES		0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES		0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE		0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES		69	70	70	70	71	73	72	72	72	72
24 SURPLUS/DEFICIT		-26	-39	-39	-39	-38	-33	-35	-36	-37	-38
25 DEDICATED RESOURCES	2/	15	17	16	16	17	22	21	21	21	21
26 PURCHASE FROM BPA		26	39	39	39	38	33	35	36	37	38
27 SURPLUS/DEFICIT W/PURCH		0	0	0	0	0	0	0	0	0	0

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1A SYSTEM LOADS PF PURCHASE	60	61	62	63	65	66	67	68	70	71
1B PONDERAY FIBRE MILL	39	39	39	39	39	39	39	39	39	39
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	9	9	9	9	9	0	0	0	0	0
4 TOTAL LOADS 1/	108	109	110	111	113	105	106	107	109	110
RESOURCES										
5 SYSTEM HYDRO	49	49	49	49	49	49	49	49	49	49
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	49	49	49	49	49	49	49	49	49	49
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	26	26	26	26	26	33	33	33	33	33
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	75	75	75	75	75	82	82	82	82	82
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	75	75	75	75	75	82	82	82	82	82
24 SURPLUS/DEFICIT	-33	-34	-35	-36	-38	-23	-24	-25	-27	-28
25 DEDICATED RESOURCES 2/	27	27	27	27	27	43	43	43	43	43
26 PURCHASE FROM BPA	33	34	35	36	38	23	24	25	27	28
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	OPERATING LEVEL									
LOADS										
1 SYSTEM LOADS	1050	1051	1062	1062	1054	1066	1082	1098	1114	1128
2 EXPORTS	0	0	0	7	30	30	30	30	30	30
3 CONTRACTS OUT	31	32	31	31	20	23	23	23	23	23
4 TOTAL LOADS	1081	1083	1093	1100	1104	1119	1135	1151	1167	1181
RESOURCES										
5 SYSTEM HYDRO	638	638	638	638	638	638	638	638	638	638
6 CONTRACT HYDRO	63	63	63	63	63	63	63	63	63	63
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	-1
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	699	699	699	699	699	699	699	699	700	699
10 SMALL THERMAL & MISC	0	0	1	0	0	0	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	41	39	38	36	35	33	31	30	23	13
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	1	1	1	1	1	1	1	1	1	1
15 IMPORTS	35	36	36	66	66	66	66	66	66	66
16 CONTRACTS IN	29	28	28	20	15	12	13	12	12	12
17 LARGE THERMAL	89	83	89	87	89	84	89	84	89	87
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	894	886	892	909	905	895	900	893	892	879
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 NET RESOURCES	893	885	891	908	904	894	899	892	891	878
24 SURPLUS/DEFICIT	-188	-198	-202	-192	-200	-225	-236	-259	-276	-303
25 DEDICATED RESOURCES	861	853	858	854	854	842	845	839	838	825
26 PURCHASE FROM BPA	190	199	205	209	201	225	238	260	277	304
27 SURPLUS/DEFICIT W/PURCH	2	1	3	17	1	0	2	1	1	1

TABLE U-14

SEATTLE LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	1140	1153	1165	1180	1196	1212	1228	1245	1264	1287
2 EXPORTS	30	30	30	30	30	30	30	30	30	30
3 CONTRACTS OUT	25	25	25	25	25	33	33	33	32	32
4 TOTAL LOADS	1195	1208	1220	1235	1251	1275	1291	1308	1326	1349
RESOURCES										
5 SYSTEM HYDRO	638	638	638	638	638	638	638	638	638	638
6 CONTRACT HYDRO	63	63	63	63	63	37	25	25	25	25
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-1	-1	-1	-2	-2	-1	0	0	0	0
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	699	699	699	698	698	673	662	662	662	662
10 SMALL THERMAL & MISC	0	1	0	1	1	0	1	1	0	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	12	12	9	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	1	1	1	0	0	0	0	0	0	0
15 IMPORTS	66	66	66	66	66	66	66	66	66	66
16 CONTRACTS IN	9	9	10	9	9	0	0	0	0	0
17 LARGE THERMAL	89	84	89	87	89	87	89	89	89	89
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	876	872	874	861	863	826	818	818	817	818
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 NET RESOURCES	875	871	873	860	862	825	817	817	816	817
24 SURPLUS/DEFICIT	-320	-337	-347	-375	-389	-450	-474	-491	-510	-532
25 DEDICATED RESOURCES	820	815	817	804	806	763	754	754	754	754
26 PURCHASE FROM BPA	321	339	349	377	391	450	475	492	511	534
27 SURPLUS/DEFICIT W/PURCH	1	2	2	2	2	0	1	1	1	2

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	641	670	696	710	716	729	743	757	770	783
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	641	670	696	710	716	729	743	757	770	783
RESOURCES										
5 SYSTEM HYDRO	40	40	40	40	40	40	40	40	40	40
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	40	40	40	40	40	40	40	40	40	40
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	5	5	4	4	4	4	4	3	3	1
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	89	84	89	87	89	83	89	83	89	87
18 PURPA RESOURCES	0	0	0	1	0	0	0	0	0	1
19 TOTAL RESOURCES	134	129	133	132	133	127	133	126	132	129
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	134	129	133	132	133	127	133	126	132	129
24 SURPLUS/DEFICIT	-507	-541	-563	-578	-583	-602	-610	-631	-638	-654
25 DEDICATED RESOURCES	134	129	133	132	133	127	133	126	132	129
26 PURCHASE FROM BPA	507	541	563	578	583	602	610	631	638	654
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	796	808	820	834	850	866	880	895	909	927
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	796	808	820	834	850	866	880	895	909	927
RESOURCES										
5 SYSTEM HYDRO	40	40	40	40	40	40	40	40	40	40
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	40	40	40	40	40	40	40	40	40	40
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	2	1	1	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	89	83	89	87	89	87	89	89	89	89
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	131	124	130	127	129	127	129	129	129	129
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	131	124	130	127	129	127	129	129	129	129
24 SURPLUS/DEFICIT	-665	-684	-690	-707	-721	-739	-751	-766	-780	-798
25 DEDICATED RESOURCES	131	124	130	127	129	127	129	129	129	129
26 PURCHASE FROM BPA	665	684	690	707	721	739	751	766	780	798
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	676	680	690	691	690	699	708	716	723	731
2 EXPORTS	40	40	40	40	40	40	40	40	40	40
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	716	720	730	731	730	739	748	756	763	771
RESOURCES										
5 SYSTEM HYDRO	250	250	250	250	250	250	250	250	250	250
6 CONTRACT HYDRO	64	64	64	64	64	64	64	64	64	64
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	-1
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	313	313	313	313	313	313	313	313	313	313
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	41	39	38	36	34	33	31	30	23	13
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	32	32	32	32	32	32	32	32	32	32
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	89	83	89	87	89	84	89	83	89	87
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	475	467	472	468	468	462	465	458	457	445
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	475	467	472	468	468	462	465	458	457	445
24 SURPLUS/DEFICIT	-241	-253	-258	-263	-262	-277	-283	-298	-306	-326
25 DEDICATED RESOURCES	394	388	394	392	394	389	394	388	393	387
26 PURCHASE FROM BPA	282	292	296	299	296	310	314	328	330	344
27 SURPLUS/DEFICIT W/PURCH	41	39	38	36	34	33	31	30	24	19

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	739	748	757	766	778	789	799	809	819	832
2 EXPORTS	40	40	40	40	40	40	40	40	40	40
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	779	788	797	806	818	829	839	849	859	872
RESOURCES										
5 SYSTEM HYDRO	250	250	250	250	250	250	250	250	250	250
6 CONTRACT HYDRO	64	64	64	64	64	38	26	26	26	26
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	313	313	313	313	313	287	276	276	276	276
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	12	12	9	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	32	32	32	32	32	32	32	32	32	32
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	89	84	89	87	89	87	89	89	89	89
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	446	441	443	432	434	406	397	397	397	397
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	446	441	443	432	434	406	397	397	397	397
24 SURPLUS/DEFICIT	-333	-347	-354	-374	-384	-423	-442	-452	-462	-475
25 DEDICATED RESOURCES	388	383	385	374	376	348	339	339	339	339
26 PURCHASE FROM BPA	351	365	372	392	402	441	460	470	480	493
27 SURPLUS/DEFICIT W/PURCH	18	18	19	18	18	18	18	18	18	18

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES
INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS											
1	SYSTEM LOADS	3111	3146	3190	3221	3232	3284	3336	3382	3425	3467
2	EXPORTS	5	5	5	5	4	4	4	4	4	4
3	CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3
4	TOTAL LOADS	3119	3154	3198	3229	3239	3291	3343	3389	3432	3474
RESOURCES											
5	SYSTEM HYDRO	13	13	13	13	13	13	13	13	13	13
6	CONTRACT HYDRO	81	81	81	81	81	81	81	81	81	81
7A	CAN. ENT. RETURN (CSPE)	-3	-2	-2	-2	-2	-2	-2	-2	-2	-1
7B	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-1	-2
8	RESTORATION	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	91	92	92	92	92	92	92	92	91	91
10	SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	45	43	41	39	37	36	35	33	26	14
13	RENEWABLES	2	2	2	2	2	2	2	2	3	3
14	COGENERATION	18	18	15	18	9	0	0	0	0	0
15	IMPORTS	0	0	0	0	0	0	0	0	0	0
16	CONTRACTS IN	0	0	0	0	0	0	0	0	0	1
17	LARGE THERMAL	40	40	40	40	40	39	40	40	40	40
18	PURPA RESOURCES	29	29	29	29	29	29	29	29	29	29
19	TOTAL RESOURCES	227	226	221	222	211	200	200	198	191	180
20	HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23	NET RESOURCES	227	226	221	222	211	200	200	198	191	180
24	SURPLUS/DEFICIT	-2892	-2928	-2977	-3007	-3028	-3091	-3143	-3191	-3241	-3294
25	DEDICATED RESOURCES	167	166	161	162	152	142	141	139	132	121
26	PURCHASE FROM BPA	2944	2980	3029	3059	3080	3142	3195	3243	3293	3346
27	SURPLUS/DEFICIT W/PURCH	52	52	52	52	52	51	52	52	52	52

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES
INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	3509	3551	3593	3641	3697	3751	3801	3851	3902	3956
2 EXPORTS	4	4	4	4	4	4	4	4	4	4
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	3516	3558	3600	3648	3704	3758	3808	3858	3909	3963
RESOURCES										
5 SYSTEM HYDRO	13	13	13	13	13	13	13	13	13	13
6 CONTRACT HYDRO	81	81	81	81	81	75	72	72	72	66
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-2	-2	-3	-4	-4	-4	-4	-4	-4	-4
8 RESTORATION	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	91	91	90	90	90	84	81	81	81	75
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	14	13	9	0	0	0	0	0	0	0
13 RENEWABLES	3	3	3	3	3	3	3	3	3	3
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	1	1	0	1	1	1	1	1	1	1
17 LARGE THERMAL	40	40	40	39	40	40	40	40	40	40
18 PURPA RESOURCES	29	29	29	29	29	29	29	29	29	29
19 TOTAL RESOURCES	180	179	173	164	165	159	156	156	156	150
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	180	179	173	164	165	159	156	156	156	150
24 SURPLUS/DEFICIT	-3336	-3379	-3427	-3484	-3539	-3599	-3652	-3702	-3753	-3813
25 DEDICATED RESOURCES	121	120	114	106	106	100	97	97	97	91
26 PURCHASE FROM BPA	3388	3431	3479	3535	3591	3651	3704	3754	3805	3865
27 SURPLUS/DEFICIT W/PURCH	52	52	52	51	52	52	52	52	52	52

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	3735	3786	3855	3890	3892	3953	4017	4072	4124	4175
2 EXPORTS	40	40	40	47	70	70	70	70	70	70
3 CONTRACTS OUT	58	59	59	59	48	48	48	48	40	38
4 TOTAL LOADS	3833	3885	3954	3996	4010	4071	4135	4190	4234	4283
RESOURCES										
5 SYSTEM HYDRO	1614	1619	1625	1630	1635	1661	1665	1670	1675	1680
6 CONTRACT HYDRO	190	190	190	190	190	190	190	190	190	190
7A CAN. ENT. RETURN (CSPE)	-22	-21	-20	-19	-18	-16	-15	-16	-11	-5
7B CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	-1	-8	-21
8 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 TOTAL HYDRO	1779	1785	1792	1798	1804	1832	1837	1840	1843	1841
10 SMALL THERMAL & MISC	0	0	1	0	0	0	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	119	114	110	105	101	97	91	85	67	37
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	67	67	67	67	67	67	67	67	67	67
15 IMPORTS	35	36	36	66	66	66	66	66	66	66
16 CONTRACTS IN	51	51	53	45	41	40	40	40	40	39
17 LARGE THERMAL	267	250	267	261	267	251	267	250	267	261
18 PURPA RESOURCES	0	0	0	1	0	0	0	0	0	1
19 TOTAL RESOURCES	2318	2303	2326	2343	2346	2353	2369	2349	2351	2313
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 NET RESOURCES	2316	2301	2324	2341	2344	2351	2367	2347	2349	2311
24 SURPLUS/DEFICIT	-1517	-1584	-1630	-1655	-1666	-1720	-1768	-1843	-1885	-1972
25 DEDICATED RESOURCES	2062	2050	2069	2067	2076	2086	2103	2084	2092	2060
26 PURCHASE FROM BPA	1654	1717	1759	1788	1775	1849	1896	1968	2012	2092
27 SURPLUS/DEFICIT W/PURCH	136	133	129	133	108	128	127	124	127	119

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	4225	4276	4326	4382	4451	4515	4576	4637	4699	4776
2 EXPORTS	70	70	70	70	70	70	70	70	70	70
3 CONTRACTS OUT	37	37	37	37	37	36	36	36	35	35
4 TOTAL LOADS	4332	4383	4433	4489	4558	4621	4682	4743	4804	4881
RESOURCES										
5 SYSTEM HYDRO	1692	1703	1714	1725	1736	1940	2038	2038	2038	2223
6 CONTRACT HYDRO	190	190	190	190	190	126	96	96	96	81
7A CAN. ENT. RETURN (CSPE)	-5	-5	-4	0	0	0	0	0	0	0
7B CAN. ENT. RETURN CANADA)	-20	-21	-26	-38	-38	-44	-46	-45	-44	-51
8 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 TOTAL HYDRO	1854	1864	1871	1874	1885	2019	2085	2086	2087	2250
10 SMALL THERMAL & MISC	0	1	0	1	1	0	1	1	0	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	35	33	26	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	67	67	67	66	66	66	66	66	66	66
15 IMPORTS	66	66	66	66	66	66	66	66	66	66
16 CONTRACTS IN	39	39	40	39	39	38	38	38	38	38
17 LARGE THERMAL	267	251	267	261	267	261	267	267	267	267
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	2328	2321	2337	2307	2324	2450	2523	2524	2524	2688
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 NET RESOURCES	2326	2319	2335	2305	2322	2448	2521	2522	2522	2686
24 SURPLUS/DEFICIT	-2006	-2064	-2098	-2184	-2236	-2173	-2161	-2221	-2282	-2195
25 DEDICATED RESOURCES	2077	2068	2084	2054	2071	1996	1970	1971	1972	1952
26 PURCHASE FROM BPA	2135	2201	2241	2329	2388	2525	2607	2663	2722	2818
27 SURPLUS/DEFICIT W/PURCH	129	136	142	145	152	351	446	442	440	622

SECTION IV - Miscellaneous

ENERGY ANALYSIS

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TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	132	132	132	132	132	132	132	132	132	132
7A CAN. ENT. RETURN (CSPE)	-6	-6	-5	-5	-5	-5	-5	-4	-4	-2
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	-2	-6
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	125	125	126	126	126	126	126	127	125	123
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	23	23	23	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	148	148	149	126	126	126	126	127	125	123
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	148	148	149	126	126	126	126	127	125	123
24 SURPLUS/DEFICIT	-32	-32	-31	-54	-54	-54	-54	-53	-55	-57

TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	132	132	132	132	132	132	132	132	132	132
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-6	-5	-7	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL HYDRO	123	124	122	121	121	121	121	121	121	121
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	123	124	122	121	121	121	121	121	121	121
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	123	124	122	121	121	121	121	121	121	121
24 SURPLUS/DEFICIT	-57	-56	-58	-59	-59	-59	-59	-59	-59	-59

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LOADS										
1 SYSTEM LOADS	937	945	952	956	962	970	975	980	990	1006
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	30	30	30	30	30	30	29	30	30	29
4 TOTAL LOADS	967	975	982	986	992	1000	1004	1010	1020	1035
RESOURCES										
5 SYSTEM HYDRO	296	296	296	296	296	296	296	296	296	296
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	6	6	6	6	6	6	6	6	6	6
9 TOTAL HYDRO	302	302	302	302	302	302	302	302	302	302
10 SMALL THERMAL & MISC	121	121	116	121	121	121	116	121	121	121
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	68	68	68	68	68	68	0	0	0	0
17 LARGE THERMAL	417	412	417	402	417	412	417	402	417	412
18 PURPA RESOURCES	25	44	45	46	48	49	56	63	64	64
19 TOTAL RESOURCES	933	947	947	939	955	952	890	888	904	899
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	932	947	947	939	955	952	890	888	903	899
24 SURPLUS/DEFICIT	-35	-29	-36	-47	-37	-48	-114	-122	-117	-137

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LOADS										
1 SYSTEM LOADS	1023	1040	1057	1074	1091	1110	1131	1150	1168	1192
2 EXPORTS	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	29	0	0	0	0	0	0	0	1	1
4 TOTAL LOADS	1052	1040	1057	1074	1091	1110	1131	1150	1169	1193
RESOURCES										
5 SYSTEM HYDRO	296	296	296	296	296	296	296	296	296	296
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	6	6	6	6	6	6	6	6	6	6
9 TOTAL HYDRO	302	302	302	302	302	302	302	302	302	302
10 SMALL THERMAL & MISC	116	121	121	121	121	121	121	121	121	121
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	1	1
17 LARGE THERMAL	417	402	417	412	417	402	417	412	412	412
18 PURPA RESOURCES	64	64	64	64	64	64	64	64	64	64
19 TOTAL RESOURCES	898	889	904	899	904	889	904	899	900	900
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	898	889	903	899	903	889	903	899	900	900
24 SURPLUS/DEFICIT	-154	-151	-154	-175	-188	-221	-228	-251	-269	-293

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST										
1 BASIN ELEC FOR WAPA	62	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST										
2 BASIN ELEC FOR WAPA	62	0	0	0	0	0	0	0	0	0
COGENERATION										
3 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	36	36	36	36	36	36
THERMAL										
4 SDG&E SHARE OF BOARDMAN	56	56	56	56	56	56	56	56	56	56

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST										
1 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST										
2 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0
COGENERATION										
3 WAPA PURCH OF LONGVIEW FIBRE	36	36	36	36	18	0	0	0	0	0
THERMAL										
4 SDG&E SHARE OF BOARDMAN	56	56	56	56	56	56	56	56	56	56

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
RESOURCES AVAILABLE TO SERVE LOAD										
1 BOX CANYON	20	18	19	19	18	16	16	16	16	16
2 SEATTLE TO P.O.(BOUNDARY)	19	20	20	20	21	23	23	23	23	23
3 TOTAL RESOURCES	39	38	39	39	39	39	39	39	39	39
4 PONDERAY	39	38	39	39	39	39	39	39	39	39
5 SURPLUS	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
RESOURCES AVAILABLE TO SERVE LOAD										
1 BOX CANYON	13	13	13	13	13	6	6	6	6	6
2 SEATTLE TO P.O.(BOUNDARY)	26	26	26	26	26	33	33	33	33	33
3 TOTAL RESOURCES	39	39	39	39	39	39	39	39	39	39
4 PONDERAY	39	39	39	39	39	39	39	39	39	39
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

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
FIRM LOADS										
1A FEDERAL AGENCIES	135	137	138	139	141	142	143	143	144	145
1B FEDERAL + GEN PUB LOSSES	149	153	156	153	153	156	151	153	155	155
1C USBR	57	57	57	57	57	57	57	58	57	58
1D DSI ALUMINUM FIRM	2019	1891	1841	1808	1770	1751	1715	1714	1714	1714
1E DSI NON-ALUMINUM FIRM	248	248	175	175	175	176	177	178	179	179
1F DSI FIRM LOSSES	59	56	53	52	51	50	49	49	49	49
1 BPA NON UTILITY LOADS	2667	2542	2420	2384	2347	2332	2292	2295	2298	2300
2 CHELAN	166	168	171	182	182	186	189	192	194	197
3 COLOCKUM	180	180	180	180	180	180	180	180	180	180
4 COWLITZ	499	500	506	506	503	508	514	519	524	529
5 DOUGLAS	88	88	90	90	90	91	92	93	95	96
6 EUGENE	267	266	270	270	269	272	276	279	282	284
7 GRANT	268	269	276	285	294	308	318	322	325	329
8 IDAHO	1402	1417	1441	1464	1485	1488	1496	1513	1531	1544
9 MONTANA	328	331	333	335	336	339	341	343	346	352
10 PP&L	2037	2059	2084	2103	2122	2135	2152	2177	2202	2225
11 PEND OREILLE	80	94	94	94	94	94	95	96	97	98
12 PGE	1823	1854	1882	1906	1937	1971	1998	2023	2059	2095
13 PSP&L	2181	2228	2279	2333	2380	2417	2449	2489	2535	2579
14 SEATTLE	1050	1051	1062	1062	1054	1066	1082	1098	1114	1128
15 SMALL & NON GEN PUBLICS	3111	3146	3190	3221	3232	3284	3336	3382	3425	3467
16 SNOHOMISH	641	670	696	710	716	729	743	757	770	783
17 TACOMA	676	680	690	691	690	699	708	716	723	731
18 UTAH	162	159	162	159	161	160	162	161	164	165
19 WWP	856	854	855	860	865	872	876	880	887	897
20 REGIONAL FIRM LOADS	18482	18556	18681	18835	18937	19131	19299	19515	19751	19979
REGIONAL FIRM LOADS										
21 FEDERAL SYSTEM	2667	2542	2420	2384	2347	2332	2292	2295	2298	2300
22 PUBLIC AGENCIES W/COLOCKUM	7027	7112	7225	7291	7303	7417	7533	7634	7729	7822
23 PRIVATE UTILITIES	8788	8902	9036	9160	9287	9382	9474	9586	9724	9857
24 REGIONAL FIRM LOADS	18482	18556	18681	18835	18937	19131	19299	19515	19751	19979

TABLE A-1 (CONTINUED)

MEDIUM LOADS

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
OTHER LOADS										
25 DSI ALUMINUM TOP QUARTILE	673	631	614	602	590	584	571	571	571	571
26 DSI NON-ALUM TOP QUARTILE	81	83	58	58	58	59	59	59	60	60
27 OTHER INTERRUPTIBLE (UTAH)	142	142	142	142	142	142	142	142	142	142
28 DSI TOP QUARTILE LOSSES	20	19	18	17	17	17	16	16	16	16
29 OTHER REGIONAL LOADS	916	874	832	820	807	801	789	789	789	789
OTHER REGIONAL LOADS										
30 FEDERAL SYSTEM	774	732	690	678	665	659	647	647	647	647
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	142	142	142	142	142	142	142	142	142	142
33 OTHER REGIONAL LOADS	916	874	832	820	807	801	789	789	789	789
REGIONAL TOTAL LOADS										
34 FEDERAL SYSTEM	3442	3274	3109	3062	3013	2992	2939	2941	2945	2948
35 PUBLIC AGENCIES	7027	7112	7225	7291	7303	7417	7533	7634	7729	7822
36 PRIVATE UTILITIES	8930	9044	9178	9302	9429	9524	9616	9728	9866	9999
37 REGIONAL TOTAL LOADS	19399	19430	19512	19655	19745	19932	20088	20303	20541	20768

TABLE A-1

MEDIUM LOADS

OPERATING LEVEL

MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
FIRM LOADS										
1A FEDERAL AGENCIES	146	147	147	148	149	149	150	150	151	152
1B FEDERAL + GEN PUB LOSSES	156	159	160	162	165	170	173	175	179	182
1C USBR	58	58	58	58	58	58	58	58	58	58
1D DSI ALUMINUM FIRM	1714	1714	1714	1714	1714	1714	1714	1714	1714	1714
1E DSI NON-ALUMINUM FIRM	180	180	181	180	180	181	181	181	182	182
1F DSI FIRM LOSSES	49	49	49	49	49	49	49	50	49	49
1 BPA NON UTILITY LOADS	2303	2307	2309	2311	2315	2321	2325	2328	2333	2337
2 CHELAN	199	201	203	205	208	210	212	213	215	216
3 COLOCKUM	180	180	180	180	180	180	180	180	180	180
4 COWLITZ	534	539	545	551	559	566	573	579	586	594
5 DOUGLAS	97	99	100	102	103	105	107	109	110	112
6 EUGENE	288	291	294	297	302	306	310	314	317	322
7 GRANT	333	337	341	345	351	356	361	366	370	376
8 IDAHO	1565	1586	1611	1630	1658	1678	1697	1714	1731	1752
9 MONTANA	358	364	370	376	381	388	396	402	409	417
10 PP&L	2252	2282	2309	2337	2369	2399	2427	2454	2499	2542
11 PEND OREILLE	99	100	101	102	104	105	106	107	109	110
12 PGE	2125	2154	2184	2219	2254	2284	2318	2353	2390	2433
13 PSP&L	2619	2659	2700	2752	2820	2889	2957	3026	3102	3192
14 SEATTLE	1140	1153	1165	1180	1196	1212	1228	1245	1264	1287
15 SMALL & NON GEN PUBLICS	3509	3551	3593	3641	3697	3751	3801	3851	3902	3956
16 SNOHOMISH	796	808	820	834	850	866	880	895	909	927
17 TACOMA	739	748	757	766	778	789	799	809	819	832
18 UTAH	169	169	171	173	176	178	182	184	188	193
19 WWP	906	915	926	941	956	970	985	1001	1018	1039
20 REGIONAL FIRM LOADS	20211	20443	20679	20942	21257	21553	21844	22130	22451	22817
REGIONAL FIRM LOADS										
21 FEDERAL SYSTEM	2303	2307	2309	2311	2315	2321	2325	2328	2333	2337
22 PUBLIC AGENCIES W/COLOCKUM	7913	8007	8099	8204	8327	8446	8557	8667	8782	8912
23 PRIVATE UTILITIES	9994	10130	10271	10427	10614	10787	10962	11135	11337	11567
24 REGIONAL FIRM LOADS	20211	20443	20679	20942	21257	21553	21844	22130	22451	22817

TABLE A-1 (CONTINUED)

MEDIUM LOADS

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
OTHER LOADS										
25 DSI ALUMINUM TOP QUARTILE	571	571	571	571	571	571	571	571	571	571
26 DSI NON-ALUM TOP QUARTILE	60	60	60	60	60	60	60	60	60	60
27 OTHER INTERRUPTIBLE (UTAH)	142	142	142	142	142	142	142	142	142	142
28 DSI TOP QUARTILE LOSSES	16	16	16	16	16	16	16	16	16	16
29 OTHER REGIONAL LOADS	789	789	790	789	790	790	790	790	790	790
OTHER REGIONAL LOADS										
30 FEDERAL SYSTEM	647	647	648	648	648	648	648	648	648	648
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	142	142	142	142	142	142	142	142	142	142
33 OTHER REGIONAL LOADS	789	789	790	789	790	790	790	790	790	790
REGIONAL TOTAL LOADS										
34 FEDERAL SYSTEM	2951	2954	2957	2959	2963	2968	2973	2976	2981	2985
35 PUBLIC AGENCIES	7913	8007	8099	8204	8327	8446	8557	8667	8782	8912
36 PRIVATE UTILITIES	10136	10272	10413	10569	10756	10929	11104	11277	11479	11709
37 REGIONAL TOTAL LOADS	21000	21233	21469	21731	22046	22343	22633	22920	23241	23607

TABLE A-2

SHEET 1 OF 2

EXPORTS

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
INTRA-COMPANY TRANSFERS TO PSW										
1 PP&L TO PP&L N. CALIF.	7	8	7	7	8	9	9	10	11	12
2 INTRA-CO TRANSFERS TO PSW	7	8	8	8	8	9	9	10	11	12
EXPORTS TO PSW										
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	26	26	28	28	28	28	28	28	28	0
5 BPA TO PGX, SUMMER PWR SALE	4	3	0	0	0	0	0	0	0	0
6 BPA TO SCE, PWR S TO C/N X	134	134	134	134	134	134	134	134	134	0
7 BPA TO SCE, OPTION CAPACITY	0	0	0	0	0	0	0	0	0	0
8 BPA NW-SW INTERTIE LOSSES	6	6	6	6	6	6	6	6	6	0
9 CIDFL TO UTAH, GEM ST HYDRO	5	5	5	5	4	4	4	4	4	4
10 PP&L TO PG&E, PWR SALE	28	28	29	29	29	14	0	0	0	0
11 PP&L TO SMUD, PWR SALE	40	40	40	40	40	40	40	40	40	40
12 PP&L TO SCE, PWR SALE	108	108	108	108	108	108	108	108	108	108
13 PP&L TO UTAH, PWR SALE	18	18	18	18	18	18	18	18	11	0
14 PGE TO PG&E, SEAS PK SALE	0	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	11	12	12	12	12	12	12	12	12	12
16 PGE TO PGX, PWR SALE 2	16	16	0	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	60	60	60	60	60	60	60	60	60	60
18 PGE TO SCE, PWR SALE 2	16	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	8	34	34	34	34	34	34	34	34	34
20 PGE TO WAPA, PWR SALE	37	52	52	52	52	52	52	52	52	52
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	0	0	0	7	30	30	30	30	30	30
23 TCL TO WAPA, PWR SALE	40	40	40	40	40	40	40	40	40	40
24 WWP TO PG&E, SEAS PWR XCHG	7	25	25	25	25	25	25	25	25	25
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST										
26 BASIN TO WAPA (TRANSFER) *	62	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	56	56	56	56	56	56	56	56	56	56
28 LONGVIEW FIBRE TO WAPA *	36	36	36	36	36	36	36	36	36	36
29 EXPORTS TO PSW	717	698	682	689	712	698	683	683	677	497
EXPORTS TO CANADA										
30 BPA CAN. ENT. TO BC HYDRO	0	0	0	0	0	0	0	14	121	318
31 EXPORTS TO CANADA	0	0	0	0	0	0	0	14	121	318
32 TOTAL EXPORTS	724	706	690	697	720	706	693	707	809	827

TABLE A-2

EXPORTS

OPERATING LEVEL

MEGAWATTS		1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
TOTAL EXPORTS											
33 FEDERAL SYSTEM		170	169	168	168	168	168	169	182	290	318
34 PUBLIC AGENCIES		45	45	45	52	74	74	74	74	74	74
35 PRIVATE UTILITIES		356	401	385	385	386	372	358	359	353	343
36 NON-NORTHWEST UTILITIES	*	153	91	92	92	92	92	92	92	92	92
37 TOTAL EXPORTS		724	706	690	697	720	706	693	707	809	827

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-2

SHEET 1 OF 2

EXPORTS

OPERATING LEVEL

MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
INTRA-COMPANY TRANSFERS TO PSW										
1 PP&L TO PP&L N. CALIF.	13	15	16	17	18	19	20	21	23	23
2 INTRA-CO TRANSFERS TO PSW	13	15	17	17	18	20	21	21	23	23
EXPORTS TO PSW										
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0
5 BPA TO PGX, SUMMER PWR SALE	0	0	0	0	0	0	0	0	0	0
6 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0
7 BPA TO SCE, OPTION CAPACITY	0	0	0	0	0	0	0	0	0	0
8 BPA NW-SW INTERTIE LOSSES	0	0	0	0	0	0	0	0	0	0
9 CIDFL TO UTAH, GEM ST HYDRO	4	4	4	4	4	4	4	4	4	4
10 PP&L TO PG&E, PWR SALE	0	0	0	0	0	0	0	0	0	0
11 PP&L TO SMUD, PWR SALE	40	40	40	40	40	40	40	40	40	40
12 PP&L TO SCE, PWR SALE	108	108	108	108	108	108	27	0	0	0
13 PP&L TO UTAH, PWR SALE	0	0	0	0	0	0	0	0	0	0
14 PGE TO PG&E, SEAS PK SALE	0	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	12	12	12	12	12	12	12	12	12	12
16 PGE TO PGX, PWR SALE 2	0	0	0	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	60	60	60	60	60	60	60	60	60	60
18 PGE TO SCE, PWR SALE 2	0	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	34	34	34	34	34	34	34	34	34	26
20 PGE TO WAPA, PWR SALE	52	52	52	52	52	52	52	52	52	52
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	30	30	30	30	30	30	30	30	30	30
23 TCL TO WAPA, PWR SALE	40	40	40	40	40	40	40	40	40	40
24 WWP TO PG&E, SEAS PWR XCHG	25	25	25	25	25	25	25	25	25	25
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	-1
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST										
26 BASIN TO WAPA (TRANSFER) *	0	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	56	56	56	56	56	56	56	56	56	56
28 LONGVIEW FIBRE TO WAPA *	36	36	36	36	18	0	0	0	0	0
29 EXPORTS TO PSW	497	497	497	497	479	461	380	353	353	345
EXPORTS TO CANADA										
30 BPA CAN. ENT. TO BC HYDRO	314	311	368	548	542	536	531	525	519	513
31 EXPORTS TO CANADA	314	311	368	548	542	536	531	525	519	513
32 TOTAL EXPORTS	825	823	882	1062	1039	1017	931	900	895	881

SECTION VI - ENERGY STUDY

DEDICATED AND NON-DEDICATED RESOURCES

TABLE A-2

EXPORTS

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
TOTAL EXPORTS											
33 FEDERAL SYSTEM		315	311	369	548	542	537	531	526	519	514
34 PUBLIC AGENCIES		74	74	74	74	74	74	74	74	74	74
35 PRIVATE UTILITIES		344	346	347	348	349	350	270	244	246	237
36 NON-NORTHWEST UTILITIES	*	92	92	92	92	74	56	56	56	56	56
37 TOTAL EXPORTS		825	823	882	1062	1039	1017	931	900	895	881

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-3

MAIN HYDRO

OPERATING LEVEL

	MEGAWATTS		1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	CUSHMAN 1	TCL	11	11	11	11	11	11	11	11	11	11
2	CUSHMAN 2	TCL	25	25	25	25	25	25	25	25	25	25
3	ALDER	TCL	19	19	19	19	19	19	19	19	19	19
4	LA GRANDE	TCL	34	34	34	34	34	34	34	34	34	34
5	WHITE	PSP&L	26	26	26	26	26	26	26	26	26	26
6	ROSS	SCL	74	74	74	74	74	74	74	74	74	74
7	DIABLO	SCL	87	87	87	87	87	87	87	87	87	87
8	GORGE	SCL	98	98	98	98	98	98	98	98	98	98
9	UPPER BAKER	PSP&L	35	35	35	35	35	35	35	35	35	35
10	LOWER BAKER	PSP&L	39	39	39	39	39	39	39	39	39	39
11	LIBBY	FED	179	179	179	179	179	179	179	179	179	179
12	HUNGRY HORSE	FED	103	103	103	103	103	103	103	103	103	103
13	NOXON	WWP	140	140	140	140	140	140	140	140	140	140
14	CABINET GORGE	WWP	94	94	94	94	94	94	94	94	94	94
15	ALBENI FLS AFTER ENC.	FED	29	29	29	29	29	29	29	29	29	29
16	BOX CANYON AFTER ENC.	PENDO	49	49	49	49	49	49	49	49	49	49
17	BOUNDARY AFTER ENC.	SCL	341	341	341	341	341	341	341	341	341	341
18	POST FALLS	WWP	7	7	7	7	7	7	7	7	7	7
19	UPPER FALLS	WWP	8	8	8	8	8	8	8	8	8	8
20	MONROE STREET	WWP	5	5	5	5	5	5	5	5	5	5
21	NINE MILE	WWP	10	10	10	10	10	10	10	10	10	10
22	LONG LAKE	WWP	40	40	40	40	40	40	40	40	40	40
23	LITTLE FALLS	WWP	17	17	17	17	17	17	17	17	17	17
24	GRAND COULEE-LDS+TRB	FED	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859
25	CH. JOSEPH AFTER ENC.	FED	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129
26	WELLS AFTER ENC.	DGLS	341	341	341	341	341	341	341	341	341	341
27	CHELAN AFTER ENC.	CHLN	41	41	41	41	41	41	41	41	41	41
28	RKY REACH AFTER ENC.	CHLN	574	574	574	574	574	574	574	574	574	574
29	ROCK ISLAND	CHLN	335	335	335	335	335	335	335	335	335	335
30	WANAPUM AFTER ENC.	GRNT	424	424	424	424	424	424	424	424	424	424
31	PRST RPDS AFTER ENC.	GRNT	476	476	476	476	476	476	476	476	476	476
32	DWORSHAK	FED	151	151	151	151	151	151	151	151	151	151
33	LOWER GRANITE	FED	190	190	190	190	190	190	190	190	190	190
34	LITTLE GOOSE	FED	190	190	190	190	190	190	190	190	190	190
35	LOWER MONUMENTAL	FED	184	184	184	184	184	184	184	184	184	184
36	ICE HARBOR	FED	193	193	193	193	193	193	193	193	193	193
37	MCNARY	FED	621	621	621	621	621	621	621	621	621	621
38	JOHN DAY	FED	885	885	885	885	885	885	885	885	885	885
39	ROUND BUTTE	PGE	82	82	82	82	82	82	82	82	82	82
40	PELTON	PGE	34	34	34	34	34	34	34	34	34	34
41	PELTON REREGULATING	PP&L	8	8	8	8	8	8	8	8	8	8
42	THE DALLES	FED	704	704	704	704	704	704	704	704	704	704
43	BONNEVILLE	FED	554	554	554	554	554	554	554	554	554	554
44	HILLS CREEK	FED	15	15	15	15	15	15	15	15	15	15
45	LOOKOUT POINT	FED	27	27	27	27	27	27	27	27	27	27
46	DEXTER	FED	8	8	8	8	8	8	8	8	8	8
47	CARMEN-SMITH	EUG	16	16	16	16	16	16	16	16	16	16
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO

OPERATING LEVEL

	MEGAWATTS			1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
49	COUGAR		FED	14	14	14	14	14	14	14	14	14	14
50	LEABURG		EUG	8	8	8	8	8	8	8	8	8	8
51	WATERVILLE		EUG	5	5	5	5	5	5	5	5	5	5
52	GREEN PETER		FED	23	23	23	23	23	23	23	23	23	23
53	FOSTER		FED	12	12	12	12	12	12	12	12	12	12
54	DETROIT		FED	36	36	36	36	36	36	36	36	36	36
55	BIG CLIFF		FED	10	10	10	10	10	10	10	10	10	10
56	OAK GROVE		PGE	26	26	26	26	26	26	26	26	26	26
57	NORTH FORK		PGE	19	18	18	19	19	18	19	19	19	18
58	FARADAY		PGE	16	16	16	16	16	16	16	16	16	16
59	RIVER MILL		PGE	9	9	9	9	9	9	9	9	9	9
60	SWIFT 1		PP&L	56	56	56	56	56	56	56	56	56	56
61	SWIFT 2		COW	22	22	22	22	22	22	22	22	22	22
62	YALE		PP&L	54	54	54	54	54	54	54	54	54	54
63	MERWIN		PP&L	54	54	54	54	54	54	54	54	54	54
64	PACKWOOD		WPPSS	7	7	7	7	7	7	7	7	7	7
65	MOSSY ROCK		TCL	94	94	94	94	94	94	94	94	94	94
66	MAYFIELD		TCL	67	67	67	67	67	67	67	67	67	67
67	KERR	REGIONAL	MONT	36	36	36	36	36	37	45	45	45	46
68	THOMPSON FLS	REGIONAL	MONT	12	12	12	12	12	12	15	15	15	16
69	HELLS CANYON		ID	175	175	175	175	175	175	175	175	175	175
70	OXBOW		ID	90	90	90	90	90	90	90	90	90	90
71	BROWNLEE		ID	220	220	220	220	220	220	220	220	220	220
72	TOTAL MAIN HYDRO W/ENC.			11580	11579	11579	11580	11580	11580	11592	11592	11592	11593
TOTAL MAIN HYDRO W/ENC.													
73	FEDERAL SYSTEM			7123	7123	7123	7123	7123	7123	7123	7123	7123	7123
74	PUBLIC AGENCIES			1860	1865	1871	1876	1881	1907	1911	1916	1921	1926
75	PRIVATE UTILITIES			2597	2591	2585	2581	2576	2550	2558	2553	2548	2544
76	TOTAL MAIN HYDRO W/ENC.			11580	11579	11579	11580	11580	11580	11592	11592	11592	11593
HYDRO INDEPENDENTS (FROM TABLE A-4)													
77	FEDERAL SYSTEM			141	141	141	141	141	141	141	141	141	141
78	PUBLIC AGENCIES			171	171	171	171	171	171	171	171	171	171
79	PRIVATE UTILITIES			574	573	574	575	574	574	585	586	585	587
80	TOTAL HYDRO INDEPENDENTS			886	885	886	887	886	886	897	898	897	899
TOTAL REGIONAL HYDRO													
81	FEDERAL SYSTEM			7264	7264	7264	7264	7264	7264	7264	7264	7264	7264
82	PUBLIC AGENCIES			2031	2036	2042	2047	2052	2078	2082	2087	2092	2097
83	PRIVATE UTILITIES			3171	3164	3159	3156	3150	3124	3143	3139	3133	3131
84	TOTAL REGIONAL HYDRO			12466	12464	12465	12467	12466	12466	12489	12490	12489	12492

TABLE A-3

MAIN HYDRO

	MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	CUSHMAN 1	TCL	11	11	11	11	11	11	11	11	11	11
2	CUSHMAN 2	TCL	25	25	25	25	25	25	25	25	25	25
3	ALDER	TCL	19	19	19	19	19	19	19	19	19	19
4	LA GRANDE	TCL	34	34	34	34	34	34	34	34	34	34
5	WHITE	PSP&L	26	26	26	26	26	26	26	26	26	26
6	ROSS	SCL	74	74	74	74	74	74	74	74	74	74
7	DIABLO	SCL	87	87	87	87	87	87	87	87	87	87
8	GORGE	SCL	98	98	98	98	98	98	98	98	98	98
9	UPPER BAKER	PSP&L	35	35	35	35	35	35	35	35	35	35
10	LOWER BAKER	PSP&L	39	39	39	39	39	39	39	39	39	39
11	LIBBY	FED	179	179	179	179	179	179	179	179	179	179
12	HUNGRY HORSE	FED	103	103	103	103	103	103	103	103	103	103
13	NOXON	WWP	140	140	140	140	140	140	140	140	140	140
14	CABINET GORGE	WWP	94	94	94	94	94	94	94	94	94	94
15	ALBENI FLS AFTER ENC.	FED	29	29	29	29	29	29	29	29	29	29
16	BOX CANYON AFTER ENC.	PENDO	49	49	49	49	49	49	49	49	49	49
17	BOUNDARY AFTER ENC.	SCL	341	341	341	341	341	341	341	341	341	341
18	POST FALLS	WWP	7	7	7	7	7	7	7	7	7	7
19	UPPER FALLS	WWP	8	8	8	8	8	8	8	8	8	8
20	MONROE STREET	WWP	5	5	5	5	5	5	5	5	5	5
21	NINE MILE	WWP	10	10	10	10	10	10	10	10	10	10
22	LONG LAKE	WWP	40	40	40	40	40	40	40	40	40	40
23	LITTLE FALLS	WWP	17	17	17	17	17	17	17	17	17	17
24	GRAND COULEE-LDS+TRB	FED	1859	1859	1859	1859	1859	1859	1859	1859	1859	1859
25	CH. JOSEPH AFTER ENC.	FED	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129
26	WELLS AFTER ENC.	DGLS	341	341	341	341	341	341	341	341	341	341
27	CHELAN AFTER ENC.	CHLN	41	41	41	41	41	41	41	41	41	41
28	RKY REACH AFTER ENC.	CHLN	574	574	574	574	574	574	574	574	574	574
29	ROCK ISLAND	CHLN	335	335	335	335	335	335	335	335	335	335
30	WANAPUM AFTER ENC.	GRNT	424	424	424	424	424	424	424	424	424	424
31	PRST RPDS AFTER ENC.	GRNT	476	476	476	476	476	476	476	476	476	476
32	DWORSHAK	FED	151	151	151	151	151	151	151	151	151	151
33	LOWER GRANITE	FED	190	190	190	190	190	190	190	190	190	190
34	LITTLE GOOSE	FED	190	190	190	190	190	190	190	190	190	190
35	LOWER MONUMENTAL	FED	184	184	184	184	184	184	184	184	184	184
36	ICE HARBOR	FED	193	193	193	193	193	193	193	193	193	193
37	MCNARY	FED	621	621	621	621	621	621	621	621	621	621
38	JOHN DAY	FED	885	885	885	885	885	885	885	885	885	885
39	ROUND BUTTE	PGE	82	82	82	82	82	82	82	82	82	82
40	PELTON	PGE	34	34	34	34	34	34	34	34	34	34
41	PELTON REREGULATING	PP&L	8	8	8	8	8	8	8	8	8	8
42	THE DALLES	FED	704	704	704	704	704	704	704	704	704	704
43	BONNEVILLE	FED	554	554	554	554	554	554	554	554	554	554
44	HILLS CREEK	FED	15	15	15	15	15	15	15	15	15	15
45	LOOKOUT POINT	FED	27	27	27	27	27	27	27	27	27	27
46	DEXTER	FED	8	8	8	8	8	8	8	8	8	8
47	CARMEN-SMITH	EUG	16	16	16	16	16	16	16	16	16	16
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO

MEGAWATTS			OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
49 COUGAR		FED	14	14	14	14	14	14	14	14	14	14
50 LEABURG		EUG	8	8	8	8	8	8	8	8	8	8
51 WATERVILLE		EUG	5	5	5	5	5	5	5	5	5	5
52 GREEN PETER		FED	23	23	23	23	23	23	23	23	23	23
53 FOSTER		FED	12	12	12	12	12	12	12	12	12	12
54 DETROIT		FED	36	36	36	36	36	36	36	36	36	36
55 BIG CLIFF		FED	10	10	10	10	10	10	10	10	10	10
56 OAK GROVE		PGE	26	26	26	26	26	26	26	26	26	26
57 NORTH FORK		PGE	18	18	19	18	18	19	19	18	18	19
58 FARADAY		PGE	16	16	16	16	16	16	16	16	16	16
59 RIVER MILL		PGE	9	9	9	9	9	9	9	9	9	9
60 SWIFT 1		PP&L	56	56	56	56	56	56	56	56	56	56
61 SWIFT 2		COW	22	22	22	22	22	22	22	22	22	22
62 YALE		PP&L	54	54	54	54	54	54	54	54	54	54
63 MERWIN		PP&L	54	54	54	54	54	54	54	54	54	54
64 PACKWOOD		WPPSS	7	7	7	7	7	7	7	7	7	7
65 MOSSY ROCK		TCL	94	94	94	94	94	94	94	94	94	94
66 MAYFIELD		TCL	67	67	67	67	67	67	67	67	67	67
67 KERR	REGIONAL	MONT	47	44	45	46	46	47	48	49	50	51
68 THOMPSON FLS	REGIONAL	MONT	16	15	15	16	16	16	16	17	17	17
69 HELLS CANYON		ID	175	175	175	175	175	175	175	175	175	175
70 OXBOW		ID	90	90	90	90	90	90	90	90	90	90
71 BROWNLEE		ID	220	220	220	220	220	220	220	220	220	220
72 TOTAL MAIN HYDRO W/ENC.			11594	11590	11592	11593	11593	11595	11596	11597	11598	11600
TOTAL MAIN HYDRO W/ENC.												
73 FEDERAL SYSTEM			7123	7123	7123	7123	7123	7123	7123	7123	7123	7123
74 PUBLIC AGENCIES			1938	1949	1960	1971	1982	2116	2181	2181	2181	2345
75 PRIVATE UTILITIES			2533	2518	2509	2499	2488	2355	2292	2293	2294	2132
76 TOTAL MAIN HYDRO W/ENC.			11594	11590	11592	11593	11593	11594	11596	11597	11598	11600
HYDRO INDEPENDENTS (FROM TABLE A-4)												
77 FEDERAL SYSTEM			141	141	141	141	141	141	141	141	141	141
78 PUBLIC AGENCIES			171	171	171	171	171	171	171	171	171	171
79 PRIVATE UTILITIES			588	585	584	585	586	589	589	590	591	592
80 TOTAL HYDRO INDEPENDENTS			900	897	896	897	898	901	901	902	903	904
TOTAL REGIONAL HYDRO												
81 FEDERAL SYSTEM			7264	7264	7264	7264	7264	7264	7264	7264	7264	7264
82 PUBLIC AGENCIES			2109	2120	2131	2142	2153	2287	2352	2352	2352	2516
83 PRIVATE UTILITIES			3121	3103	3093	3084	3074	2944	2881	2883	2885	2724
84 TOTAL REGIONAL HYDRO			12494	12487	12488	12490	12491	12495	12497	12499	12501	12504

TABLE A-4

HYDRO INDEPENDENTS

OPERATING LEVEL

	MEGAWATTS		1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	NORTH UMPQUA	PP&L	97	97	97	97	97	97	97	97	97	97
2	ROGUE	PP&L	35	35	35	35	35	35	35	35	35	35
3	KLAMATH	PP&L	23	23	23	23	23	23	23	23	23	23
4	SNOQUALMIE,ELCT & NK	PSP&L	49	49	49	49	49	49	49	49	49	49
5	CEDAR FALLS, NEWHALEM	SCL	9	9	9	9	9	9	9	9	9	9
6	CNDT,SM PLNTS,BIG FRK	PP&L	26	26	26	26	26	26	26	26	26	26
7	BULL RUN	PGE	10	10	10	10	10	10	10	10	10	10
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	7	7	7	7	7	7	7	7	7	7
10	SWAN FALLS	ID	9	9	9	9	9	9	9	9	9	9
11	C.J.STRIKE	ID	55	55	55	55	55	55	55	55	55	55
12	AMERICAN FALLS	ID	32	32	32	32	32	32	32	32	32	32
13	BLISS	ID	45	45	45	45	45	45	45	45	45	45
14	LOWER SALMON	ID	29	29	29	29	29	29	29	29	29	29
15	ANDERSON RANCH	FED	11	11	11	11	11	11	11	11	11	11
16	UPPER SALMON 1&2	ID	18	18	18	18	18	18	18	18	18	18
17	UPPER SALMON 3&4	ID	16	16	16	16	16	16	16	16	16	16
18	SHOSHONE FALLS	ID	10	10	10	10	10	10	10	10	10	10
19	MINIDOKA	FED	9	9	9	9	9	9	9	9	9	9
20	IDAHO FALLS	FED	18	18	18	18	18	18	18	18	18	18
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	61	61	61	61	61	61	61	61	61	61
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	0	0	0	0	0	0	0	0	0	0
25	BIG CREEK	FED	0	0	0	0	0	0	0	0	0	0
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	9	9	9	9	9	9	9	9	9	9
28	CHANDLER	FED	7	7	7	7	7	7	7	7	7	7
29	ROZA - PUMPING LOAD	FED	4	4	4	4	4	4	4	4	4	4
30	LOST CREEK	FED	23	23	23	23	23	23	23	23	23	23
31	PORTLAND HYDRO PROJ	PGE	8	8	8	8	8	8	8	8	8	8
32	JACKSON	SNOH	40	40	40	40	40	40	40	40	40	40
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	29	29	29	29	29	29	29	29	29	29
35	FELT	FED	1	1	1	1	1	1	1	1	1	1
36	SPRINGS PLANTS	ID	29	29	29	29	29	29	29	29	29	29
37	R.D. SMITH TOTAL	SCL/TCL	2	2	2	2	2	2	2	2	2	2
38	MAIN CANAL HD	SCL/TCL	10	10	10	10	10	10	10	10	10	10
39	PEC 66.0 TOTAL	SCL/TCL	1	1	1	1	1	1	1	1	1	1
40	ELTOPIA BR. CANAL	SCL/TCL	1	1	1	1	1	1	1	1	1	1
41	SUMMER FALLS	SCL/TCL	37	37	37	37	37	37	37	37	37	37
42	QUINCY CHUTE	GRNT	3	3	3	3	3	3	3	3	3	3
43	PEC HEADWORKS	GRNT	3	3	3	3	3	3	3	3	3	3
44	TWIN FALLS	ID	7	7	7	7	7	7	7	7	7	7
45	LAKE OSWEGO CORP	PGE	0	0	0	0	0	0	0	0	0	0
46	USBR - GREEN SPRINGS	PP&L	7	7	7	7	7	7	7	7	7	7

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

MEGAWATTS			OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
47 MYSTICE	REGIONAL	MONT	2	2	2	2	2	2	3	3	3	3
48 BLACK EAGLE	REGIONAL	MONT	5	5	5	5	5	5	6	6	6	6
49 HOLTER	REGIONAL	MONT	8	8	8	8	8	8	10	10	10	10
50 HAUSER	REGIONAL	MONT	4	4	4	4	4	4	5	5	5	5
51 MLTWN FLT CR	REGIONAL	MONT	0	1	1	1	0	0	1	1	1	1
52 MADISON	REGIONAL	MONT	3	2	2	3	3	3	3	3	3	3
53 RAINBOW	REGIONAL	MONT	10	9	10	10	10	10	12	12	12	12
54 COCHRANE	REGIONAL	MONT	8	8	8	8	8	8	9	10	9	10
55 RYAN	REGIONAL	MONT	2	2	2	2	2	2	2	2	2	2
56 MORONY	REGIONAL	MONT	8	8	8	8	8	8	10	10	10	11
57 HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0
58 CASCADE		ID	4	4	4	4	4	4	4	4	4	4
59 GEM STATE HYDRO		CIDFL	14	14	14	14	14	14	14	14	14	14
60 SMITH CREEK		EWEB	8	8	8	8	8	8	8	8	8	8
61 HOOD STREET		TCL	1	1	1	1	1	1	1	1	1	1
62 TOTAL HYDRO INDEPENDENTS			886	885	886	887	886	886	897	898	897	899

TOTAL HYDRO INDEPENDENTS

63 FEDERAL SYSTEM			141	141	141	141	141	141	141	141	141	141
64 PUBLIC AGENCIES			171	171	171	171	171	171	171	171	171	171
65 PRIVATE UTILITIES			574	573	574	575	574	574	585	586	585	587
66 TOTAL HYDRO INDEPENDENTS			886	885	886	887	886	886	897	898	897	899

TABLE A-4

HYDRO INDEPENDENTS

OPERATING LEVEL

	MEGAWATTS		2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	NORTH UMPQUA	PP&L	97	97	97	97	97	97	97	97	97	97
2	ROGUE	PP&L	35	35	35	35	35	35	35	35	35	35
3	KLAMATH	PP&L	23	23	23	23	23	23	23	23	23	23
4	SNOQUALMIE,ELCT & NK	PSP&L	49	49	49	49	49	49	49	49	49	49
5	CEDAR FALLS, NEWHALEM	SCL	9	9	9	9	9	9	9	9	9	9
6	CNDT,SM PLNTS,BIG FRK	PP&L	26	26	26	26	26	26	26	26	26	26
7	BULL RUN	PGE	10	10	10	10	10	10	10	10	10	10
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	7	7	7	7	7	7	7	7	7	7
10	SWAN FALLS	ID	9	9	9	9	9	9	9	9	9	9
11	C.J.STRIKE	ID	55	55	55	55	55	55	55	55	55	55
12	AMERICAN FALLS	ID	32	32	32	32	32	32	32	32	32	32
13	BLISS	ID	45	45	45	45	45	45	45	45	45	45
14	LOWER SALMON	ID	29	29	29	29	29	29	29	29	29	29
15	ANDERSON RANCH	FED	11	11	11	11	11	11	11	11	11	11
16	UPPER SALMON 1&2	ID	18	18	18	18	18	18	18	18	18	18
17	UPPER SALMON 3&4	ID	16	16	16	16	16	16	16	16	16	16
18	SHOSHONE FALLS	ID	10	10	10	10	10	10	10	10	10	10
19	MINIDOKA	FED	9	9	9	9	9	9	9	9	9	9
20	IDAHO FALLS	FED	18	18	18	18	18	18	18	18	18	18
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	61	61	61	61	61	61	61	61	61	61
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	0	0	0	0	0	0	0	0	0	0
25	BIG CREEK	FED	0	0	0	0	0	0	0	0	0	0
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	9	9	9	9	9	9	9	9	9	9
28	CHANDLER	FED	7	7	7	7	7	7	7	7	7	7
29	ROZA - PUMPING LOAD	FED	4	4	4	4	4	4	4	4	4	4
30	LOST CREEK	FED	23	23	23	23	23	23	23	23	23	23
31	PORTLAND HYDRO PROJ	PGE	8	8	8	8	8	8	8	8	8	8
32	JACKSON	SNOH	40	40	40	40	40	40	40	40	40	40
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	29	29	29	29	29	29	29	29	29	29
35	FELT	FED	1	1	1	1	1	1	1	1	1	1
36	SPRINGS PLANTS	ID	29	29	29	29	29	29	29	29	29	29
37	R.D. SMITH TOTAL	SCL/TCL	2	2	2	2	2	2	2	2	2	2
38	MAIN CANAL HD	SCL/TCL	10	10	10	10	10	10	10	10	10	10
39	PEC 66.0 TOTAL	SCL/TCL	1	1	1	1	1	1	1	1	1	1
40	ELTOPIA BR. CANAL	SCL/TCL	1	1	1	1	1	1	1	1	1	1
41	SUMMER FALLS	SCL/TCL	37	37	37	37	37	37	37	37	37	37
42	QUINCY CHUTE	GRNT	3	3	3	3	3	3	3	3	3	3
43	PEC HEADWORKS	GRNT	3	3	3	3	3	3	3	3	3	3
44	TWIN FALLS	ID	7	7	7	7	7	7	7	7	7	7
45	LAKE OSWEGO CORP	PGE	0	0	0	0	0	0	0	0	0	0
46	USBR - GREEN SPRINGS	PP&L	7	7	7	7	7	7	7	7	7	7

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS

	MEGAWATTS			OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
47	MYSTICE	REGIONAL	MONT	3	3	3	3	3	3	3	3	3	3
48	BLACK EAGLE	REGIONAL	MONT	6	6	6	6	6	6	6	6	6	6
49	HOLTER	REGIONAL	MONT	11	10	10	10	10	11	11	11	11	11
50	HAUSER	REGIONAL	MONT	5	5	5	5	5	5	5	5	6	6
51	MLTWN FLT CR	REGIONAL	MONT	1	1	0	1	1	1	1	1	1	1
52	MADISON	REGIONAL	MONT	3	3	3	3	3	3	3	4	3	3
53	RAINBOW	REGIONAL	MONT	12	12	12	12	12	13	13	13	13	14
54	COCHRANE	REGIONAL	MONT	10	9	9	9	9	10	10	10	10	10
55	RYAN	REGIONAL	MONT	2	2	2	2	2	2	2	2	2	2
56	MORONY	REGIONAL	MONT	11	10	10	10	11	11	11	11	12	12
57	HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0
58	CASCADE		ID	4	4	4	4	4	4	4	4	4	4
59	GEM STATE HYDRO		CIDFL	14	14	14	14	14	14	14	14	14	14
60	SMITH CREEK		EWEB	8	8	8	8	8	8	8	8	8	8
61	HOOD STREET		TCL	1	1	1	1	1	1	1	1	1	1
62	TOTAL HYDRO INDEPENDENTS			900	897	896	897	898	901	901	902	903	904

TOTAL HYDRO INDEPENDENTS

63	FEDERAL SYSTEM			141	141	141	141	141	141	141	141	141	141
64	PUBLIC AGENCIES			171	171	171	171	171	171	171	171	171	171
65	PRIVATE UTILITIES			588	585	584	585	586	589	589	590	591	592
66	TOTAL HYDRO INDEPENDENTS			900	897	896	897	898	901	901	902	903	904

TABLE A-5

IMPORTS

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
IMPORTS FORM EAST										
INTRA-COMPANY TRANSFERS										
1 PP&L WYOMING TO PP&L	1018	919	898	937	883	884	905	855	819	854
2 UTAH	162	159	162	159	161	160	161	161	164	165
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST										
3 BASIN ELECTRIC TO WAPA *	62	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	1242	1078	1060	1096	1044	1044	1066	1016	983	1019
IMPORTS FROM PSW										
5 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	10
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	35
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	34	34	34	34	34	34	34	34	34	34
11 PG&E TO SCL, SEAS PWR XCHG	0	0	0	30	30	30	30	30	30	30
12 PG&E TO WWP, SEAS PWR XCHG	0	25	25	25	25	25	25	25	25	25
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	34	59	59	89	89	89	89	89	89	134
IMPORTS FROM CANADA										
15 BC HYDRO TO WWP, PWR SALE	17	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	35	36	36	36	36	36	36	36	36	36
17 IMPORTS FROM CANADA	52	36	36	36	36	36	36	36	36	36
18 TOTAL IMPORTS	1328	1173	1155	1221	1169	1169	1191	1141	1108	1189
TOTAL IMPORTS										
19 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	45
20 PUBLIC AGENCIES	35	36	35	66	66	66	66	66	66	66
21 PRIVATE UTILITIES	1231	1137	1120	1155	1103	1103	1125	1075	1042	1078
22 NON-NORTHWEST UTILITIES *	62	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	1328	1173	1155	1221	1169	1169	1191	1141	1108	1189

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

A. BGP TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
B. SCE TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS STUDY
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE A-5

IMPORTS

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
IMPORTS FORM EAST										
INTRA-COMPANY TRANSFERS										
1 PP&L WYOMING TO PP&L	797	817	814	747	729	758	697	695	709	709
2 UTAH	169	168	171	173	176	179	182	185	188	193
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST										
3 BASIN ELECTRIC TO WAPA *	0	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	966	985	985	920	905	937	879	880	897	902
IMPORTS FROM PSW										
5 BGP TO BPA, CAP/NRG XCHG	10	10	10	10	10	10	10	9	0	0
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	34	33	32	30	29	28	28	28	28	0
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	34	34	34	34	34	34	34	34	34	34
11 PG&E TO SCL, SEAS PWR XCHG	30	30	30	30	30	30	30	30	30	30
12 PG&E TO WWP, SEAS PWR XCHG	25	25	25	25	25	25	25	25	25	25
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	133	132	131	129	128	127	127	126	117	89
IMPORTS FROM CANADA										
15 BC HYDRO TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	36	36	36	36	36	36	36	36	36	36
17 IMPORTS FROM CANADA	36	36	35	36	36	35	36	35	36	36
18 TOTAL IMPORTS	1135	1153	1151	1085	1069	1099	1042	1041	1050	1027
TOTAL IMPORTS										
19 FEDERAL SYSTEM	44	42	41	40	39	38	38	36	28	0
20 PUBLIC AGENCIES	66	66	66	66	66	65	66	66	66	66
21 PRIVATE UTILITIES	1025	1045	1044	979	964	996	938	939	956	961
22 NON-NORTHWEST UTILITIES *	0	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	1135	1153	1151	1085	1069	1099	1042	1041	1050	1027

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

A. BGP TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
B. SCE TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS STUDY
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1
2 DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1
3 NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0
4 DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0
5 SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1
6 CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0
7 SHUFFLETON	PSP&L	2	2	2	2	2	2	2	2	2	2
8 BIRD REGIONAL	MONT	1	1	1	1	1	1	1	1	1	1
9 CORETTE REGIONAL	MONT	39	38	36	39	39	39	46	48	48	49
10 SEATTLE BOUNDRY	SCL	0	0	1	0	0	0	1	1	1	1
11 TOTAL SMALL THERMAL & MISC.		45	44	43	45	45	45	53	55	55	56
TOTAL SMALL THERMAL & MISC.											
12 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
13 PUBLIC AGENCIES		3	2	3	3	3	2	3	3	3	3
14 PRIVATE UTILITIES		42	42	40	42	42	43	50	52	52	53
15 TOTAL SMALL THERMAL & MISC.		45	44	43	45	45	45	53	55	55	56

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES

MEGAWATTS			OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1
2	DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1
3	NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0
4	DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0
5	SUMMIT 1&2	PGE	1	1	1	1	1	1	1	1	1	1
6	CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	0	0	0	0	0
7	SHUFFLETON	PSP&L	2	2	2	2	2	2	2	2	2	2
8	BIRD REGIONAL	MONT	1	1	1	1	1	1	1	1	1	1
9	CORETTE REGIONAL	MONT	48	47	48	48	49	51	51	52	53	54
10	SEATTLE BOUNDRY	SCL	0	1	0	1	1	0	1	1	0	1
11	TOTAL SMALL THERMAL & MISC.		54	54	54	55	56	57	58	59	59	61
TOTAL SMALL THERMAL & MISC.												
12	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
13	PUBLIC AGENCIES		3	3	2	3	3	3	3	3	2	3
14	PRIVATE UTILITIES		51	51	52	52	53	54	55	56	57	58
15	TOTAL SMALL THERMAL & MISC.		54	54	54	55	56	57	58	59	59	61

TABLE A-7

COMBUSTION TURBINES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 WOOD RIVER	ID	1	1	1	1	1	1	1	1	1	1
2 BETHEL	PGE	52	52	52	52	52	52	52	52	52	52
3 BEAVER	PGE	298	298	298	298	298	298	298	298	298	298
4 WHIDBEY ISLAND	PSP&L	1	1	1	1	1	1	1	1	1	1
5 WHITEHORN	PSP&L	39	39	39	39	39	39	39	39	39	39
6 FREDRICKSON	PSP&L	4	4	4	4	4	4	4	4	4	4
7 FREDONIA UNITS 1&2	PSP&L	6	6	6	6	6	6	6	6	6	6
8 NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54
9 TOTAL COMBUSTION TURBINES		455	455	455	455	455	455	455	455	455	455
TOTAL COMBUSTION TURBINES											
10 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
11 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0
12 PRIVATE UTILITIES		455	455	455	455	455	455	455	455	455	455
13 TOTAL COMBUSTION TURBINES		455	455	455	455	455	455	455	455	455	455

TABLE A-7

COMBUSTION TURBINES

MEGAWATTS			OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	WOOD RIVER	ID	1	1	1	1	1	1	1	1	1	1
2	BETHEL	PGE	52	52	52	52	52	52	52	52	52	52
3	BEAVER	PGE	298	298	298	298	298	298	298	298	298	298
4	WHIDBEY ISLAND	PSP&L	1	1	1	1	1	1	1	1	1	1
5	WHITEHORN	PSP&L	39	39	39	39	39	39	39	39	39	39
6	FREDRICKSON	PSP&L	4	4	4	4	4	4	4	4	4	4
7	FREDONIA UNITS 1&2	PSP&L	6	6	6	6	6	6	6	6	6	6
8	NORTHEAST UNITS 1&2	WWP	54	54	54	54	54	54	54	54	54	54
9	TOTAL COMBUSTION TURBINES		455	455	455	455	455	455	455	455	455	455
TOTAL COMBUSTION TURBINES												
10	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
11	PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0
12	PRIVATE UTILITIES		455	455	455	455	455	455	455	455	455	455
13	TOTAL COMBUSTION TURBINES		455	455	455	455	455	455	455	455	455	455

TABLE A-8

RENEWABLE RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 SHORT MOUNTAIN	EMRD	2	2	2	2	2	2	2	2	3	3
2 KETTLE FALLS	WWP	39	39	39	39	39	39	39	40	39	39
3 TOTAL RENEWABLE RESOURCES		41	41	41	41	41	41	41	42	42	42
TOTAL RENEWABLE RESOURCES											
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		2	2	2	2	2	2	2	2	3	3
6 PRIVATE UTILITIES		39	39	39	39	39	39	39	40	39	39
7 TOTAL RENEWABLE RESOURCES		41	41	41	41	41	41	41	42	42	42

TABLE A-8

RENEWABLE RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 SHORT MOUNTAIN	EMRD	3	3	3	3	3	3	3	3	3	3
2 KETTLE FALLS	WWP	39	40	40	40	40	40	40	40	40	40
3 TOTAL RENEWABLE RESOURCES		42	43	43	43	43	43	43	43	43	43
TOTAL RENEWABLE RESOURCES											
4 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
5 PUBLIC AGENCIES		3	3	3	3	3	3	3	3	3	3
6 PRIVATE UTILITIES		39	40	40	40	40	40	40	40	40	40
7 TOTAL RENEWABLE RESOURCES		42	43	43	43	43	43	43	43	43	43

TABLE A-9

COGENERATION

OPERATING LEVEL

	MEGAWATTS		1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	GREAT WESTERN MALTING	CLRK	18	18	15	18	9	0	0	0	0	0
2	WEYCO ENERGY CENTER	EWEB	14	14	14	14	14	14	14	14	14	14
3	WILLAMETTE STEAM PLT	EWEB	20	20	20	20	20	20	20	20	20	20
4	METRO WESTPOINT	SCL	1	1	1	1	1	1	1	1	1	1
5	STEAM PLANT 2	TCL	32	32	32	32	32	32	32	32	32	32
	THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION											
6	LONGVIEW FIBRE FOR WAPA	*	36	36	36	36	36	36	36	36	36	36
7	TOTAL COGENERATION		121	121	118	121	112	103	103	103	103	103
	TOTAL COGENERATION											
8	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
9	PUBLIC AGENCIES		85	85	82	85	76	67	67	67	67	67
10	PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0
11	NON-NORTHWEST UTILITIES	*	36	36	36	36	36	36	36	36	36	36
12	TOTAL COGENERATION		121	121	118	121	112	103	103	103	103	103

TABLE A-9

COGENERATION

OPERATING LEVEL

	MEGAWATTS		2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	GREAT WESTERN MALTING	CLRK	0	0	0	0	0	0	0	0	0	0
2	WEYCO ENERGY CENTER	EWEB	14	14	14	14	14	14	14	14	14	14
3	WILLAMETTE STEAM PLT	EWEB	20	20	20	20	20	20	20	20	20	20
4	METRO WESTPOINT	SCL	1	1	1	0	0	0	0	0	0	0
5	STEAM PLANT 2	TCL	32	32	32	32	32	32	32	32	32	32
	THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION											
6	LONGVIEW FIBRE FOR WAPA	*	36	36	36	36	18	0	0	0	0	0
7	TOTAL COGENERATION		103	103	103	102	84	66	66	66	66	66
	TOTAL COGENERATION											
8	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0
9	PUBLIC AGENCIES		67	67	67	66	66	66	66	66	66	66
10	PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0
11	NON-NORTHWEST UTILITIES	*	36	36	36	36	18	0	0	0	0	0
12	TOTAL COGENERATION		103	103	103	102	84	66	66	66	66	66

TABLE A-10

LARGE THERMAL

OPERATING LEVEL

	MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
BOARDMAN,	COAL										
1	IDAHO SHARE 10.0 %	40	40	40	40	40	40	40	40	40	40
2	PNGC SHARE 10.0 %	40	40	40	40	40	39	40	40	40	40
3	PGE SHARE 65.8 %	261	261	261	261	261	261	261	261	261	261
	SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE										
4	SDG&E SHARE 14.2 % *	56	56	56	56	56	56	56	56	56	56
5	BOARDMAN	397	397	397	397	397	397	397	397	397	397
CENTRALIA,	COAL										
6	PP&L SHARE 47.5 %	529	496	528	517	528	496	529	496	528	518
7	PGE SHARE 2.5 %	28	26	28	27	28	26	28	26	28	27
8	PSP&L SHARE 7.0 %	122	115	122	120	122	115	122	115	122	120
9	SEATTLE SHARE 8.0 %	89	83	89	87	89	84	89	84	89	87
10	TACOMA SHARE 8.0 %	89	83	89	87	89	84	89	83	89	87
11	WWP SHARE 15.0 %	167	157	167	164	167	157	167	157	167	163
12	SNOHOM SHARE 8.0 %	89	84	89	87	89	83	89	83	89	87
13	GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0
14	CENTRALIA	1113	1044	1112	1089	1112	1045	1113	1043	1112	1089
COLSTRIP 1&2,	COAL										
15	MONTANA SHARE IN REGION	82	82	81	83	82	84	102	103	102	105
16	PSP&L SHARE	252	255	252	252	252	255	252	252	252	255
17	COLSTRIP 1&2	334	337	334	335	334	339	354	355	354	360
COLSTRIP 3,	COAL										
18	PP&L SHARE 10.0 %	55	53	55	50	55	53	55	50	55	53
19	PGE SHARE 20.0 %	110	105	110	100	110	105	110	100	110	105
20	PSP&L SHARE 25.0 %	137	131	137	125	137	131	137	126	137	131
21	MONTANA SHARE IN REGION	53	50	54	49	54	51	67	61	67	65
22	WWP SHARE 15.0 %	82	79	82	75	82	79	82	75	82	79
23	COLSTRIP 3	437	418	438	399	438	419	451	412	451	433

TABLE A-10 (CONTINUED)

LARGE THERMAL

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
COLSTRIP 4, COAL										
24 PP&L SHARE 10.0 %	51	55	50	55	51	55	50	55	51	55
25 PGE SHARE 20.0 %	103	110	100	110	103	110	100	110	103	110
26 PSP&L SHARE 25.0 %	128	137	126	137	128	137	126	137	128	137
27 WWP SHARE 15.0 %	77	82	75	83	77	82	75	82	77	82
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS										
28 MONTANA SHARE IN REGION	0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4	359	384	351	385	359	384	351	384	359	384
JIM BRIDGER, COAL										
30 IDAHO SHARE 33%	559	552	551	571	552	558	571	559	551	572
TROJAN, NUCLEAR										
31 BPA SHARE 30.0 %	235	235	235	235	235	235	235	235	235	235
32 PP&L SHARE 2.5 %	19	19	19	19	19	19	19	19	19	19
33 PGE SHARE 67.5 %	528	528	528	528	528	528	528	528	528	528
34 TROJAN	782	782	782	782	782	782	782	782	782	782
WNP 2, NUCLEAR										
35 FEDERAL SHARE 100.0%	711	711	711	711	711	711	711	711	711	711
VALMY, COAL										
36 IDAHO SHARE 50% OUTPUT	215	216	215	205	205	215	215	216	216	196
37 TOTAL LARGE THERMAL	4907	4841	4891	4874	4890	4850	4945	4859	4933	4924
TOTAL LARGE THERMAL										
38 FEDERAL SYSTEM	945	945	945	945	945	945	945	945	945	945
39 PUBLIC AGENCIES	307	290	307	301	307	290	307	290	307	301
40 PRIVATE UTILITIES	3599	3549	3582	3571	3582	3558	3636	3567	3624	3621
41 NON-NORTHWEST UTILITIES *	56	56	56	56	56	56	56	56	56	56
42 TOTAL LARGE THERMAL	4907	4841	4891	4874	4890	4850	4945	4859	4933	4924

TABLE A-10

SHEET 1 OF 2

LARGE THERMAL

OPERATING LEVEL

	MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
BOARDMAN, COAL											
1	IDAHO SHARE 10.0 %	40	40	40	40	40	40	40	40	40	40
2	PNGC SHARE 10.0 %	40	40	40	39	40	40	40	40	40	40
3	PGE SHARE 65.8 %	261	261	261	261	261	261	261	261	261	261
	SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE										
4	SDG&E SHARE 14.2 % *	56	56	56	56	56	56	56	56	56	56
5	BOARDMAN	397	397	397	397	397	397	397	397	397	397
CENTRALIA, COAL											
6	PP&L SHARE 47.5 %	529	496	529	515	528	518	528	529	528	528
7	PGE SHARE 2.5 %	28	26	28	27	28	27	28	28	28	28
8	PSP&L SHARE 7.0 %	122	115	122	119	122	120	122	122	122	122
9	SEATTLE SHARE 8.0 %	89	84	89	87	89	87	89	89	89	89
10	TACOMA SHARE 8.0 %	89	84	89	87	89	87	89	89	89	89
11	WWP SHARE 15.0 %	167	157	167	162	167	163	167	167	167	167
12	SNOHOM SHARE 8.0 %	89	83	89	87	89	87	89	89	89	89
13	GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0
14	CENTRALIA	1113	1045	1113	1084	1112	1089	1112	1113	1112	1112
COLSTRIP 1&2, COAL											
15	MONTANA SHARE IN REGION	106	100	100	104	104	107	108	111	113	116
16	PSP&L SHARE	252	252	252	255	252	252	252	255	255	255
17	COLSTRIP 1&2	358	353	353	359	356	359	360	366	368	371
COLSTRIP 3, COAL											
18	PP&L SHARE 10.0 %	55	50	55	53	55	50	55	52	53	53
19	PGE SHARE 20.0 %	110	100	110	105	110	100	110	105	105	105
20	PSP&L SHARE 25.0 %	137	125	137	131	137	126	137	131	131	131
21	MONTANA SHARE IN REGION	69	60	66	64	68	64	71	69	70	71
22	WWP SHARE 15.0 %	82	75	82	79	82	75	82	79	79	79
23	COLSTRIP 3	453	410	450	432	452	415	455	436	438	439

TABLE A-10 (CONTINUED)

LARGE THERMAL

OPERATING LEVEL

	MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
COLSTRIP 4,	COAL										
24 PP&L	SHARE 10.0 %	50	55	51	55	50	55	51	49	51	51
25 PGE	SHARE 20.0 %	100	110	103	110	100	110	103	99	103	103
26 PSP&L	SHARE 25.0 %	126	137	128	137	126	137	128	124	128	128
27 WWP	SHARE 15.0 %	75	82	77	82	75	82	77	74	77	77
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS											
28 MONTANA SHARE IN REGION		0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4		351	384	359	384	351	384	359	346	359	359
JIM BRIDGER,	COAL										
30 IDAHO	SHARE 33%	551	571	564	552	551	571	551	558	558	558
TROJAN,	NUCLEAR										
31 BPA	SHARE 30.0 %	235	235	235	235	235	235	235	235	235	235
32 PP&L	SHARE 2.5 %	19	19	19	19	19	19	19	19	19	19
33 PGE	SHARE 67.5 %	528	528	528	528	528	528	528	528	528	528
34 TROJAN		782	782	782	782	782	782	782	782	782	782
WNP 2,	NUCLEAR										
35 FEDERAL	SHARE 100.0%	711	711	711	711	711	711	711	711	711	711
VALMY,	COAL										
36 IDAHO	SHARE 50% OUTPUT	216	216	215	216	196	216	216	216	216	196
37 TOTAL LARGE THERMAL		4932	4869	4944	4917	4908	4924	4943	4925	4941	4925
TOTAL LARGE THERMAL											
38 FEDERAL SYSTEM		945	945	945	945	945	945	945	945	945	945
39 PUBLIC AGENCIES		307	291	307	300	307	301	307	307	307	307
40 PRIVATE UTILITIES		3623	3576	3636	3615	3599	3621	3634	3616	3632	3616
41 NON-NORTHWEST UTILITIES	*	56	56	56	56	56	56	56	56	56	56
42 TOTAL LARGE THERMAL		4932	4869	4944	4917	4908	4924	4943	4925	4941	4925

TABLE A-11

RESTORATION

OPERATING LEVEL

	MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	BPA	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
2	CHELAN	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
3	COLOCKUM	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
4	COWLIZ	4	4	4	4	4	4	4	4	4	4
5	DOUGLAS	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6	EUGENE	0	0	0	0	0	0	0	0	0	0
7	GRANT	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8	MONTANA	6	6	6	6	6	6	6	6	6	6
9	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
10	PGE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11	PP&L	30	30	30	30	30	30	30	30	30	30
12	PSP&L	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13	SEATTLE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14	TACOMA	0	0	0	0	0	0	0	0	0	0
15	WWP	3	3	3	3	3	3	3	3	3	3
16	TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0

TOTAL RESTORATION

17	FEDERAL SYSTEM	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
18	PUBLIC AGENCIES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
19	PRIVATE UTILITIES	27	27	27	27	27	27	27	27	27	27
20	TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0

TABLE A-11

RESTORATION

OPERATING LEVEL

	MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	BPA	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
2	CHELAN	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
3	COLOCKUM	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
4	COWLIZ	4	4	4	4	4	4	4	4	4	4
5	DOUGLAS	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
6	EUGENE	0	0	0	0	0	0	0	0	0	0
7	GRANT	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8	MONTANA	6	6	6	6	6	6	6	6	6	6
9	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
10	PGE	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
11	PP&L	30	30	30	30	30	30	30	30	30	30
12	PSP&L	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
13	SEATTLE	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
14	TACOMA	0	0	0	0	0	0	0	0	0	0
15	WWP	3	3	3	3	3	3	3	3	3	3
16	TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0

TOTAL RESTORATION

17	FEDERAL SYSTEM	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
18	PUBLIC AGENCIES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
19	PRIVATE UTILITIES	27	27	27	27	27	27	27	27	27	27
20	TOTAL RESTORATION	0	0	0	0	0	0	0	0	0	0

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	BPA CANADIAN ENTITLEMENT										
1	BPA CANADIAN ENTITLEMENT	252	244	235	227	218	209	198	188	147	79
	PRIEST RAPIDS CANADIAN ENTITLEMENT										
2	PP&L CER FOR PRIEST R.	2	2	1	1	1	1	1	1	1	1
3	PGE CER FOR PRIEST R.	2	1	1	1	1	1	1	1	1	1
4	PSP&L CER FOR PRIEST R.	1	1	1	1	1	1	1	0	0	0
5	SEATTL CER FOR PRIEST R.	1	1	1	1	1	1	1	1	0	0
6	TACOMA CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	0
7	WWP CER FOR PRIEST R.	1	1	1	1	0	0	0	0	0	0
8	GRANT CER FOR PRIEST R.	4	4	4	3	3	2	2	2	2	1
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	12	11	10	9	8	7	7	6	5	3
	WANAPUM CANADIAN ENTITLEMENT										
16	PP&L CER FOR WANAPUM	3	3	3	2	2	2	2	2	1	1
17	PGE CER FOR WANAPUM	3	3	3	2	2	2	2	2	1	1
18	PSP&L CER FOR WANAPUM	2	2	1	1	1	1	1	1	1	0
19	WWP CER FOR WANAPUM	1	1	1	1	1	1	1	1	1	0
20	GRANT CER FOR WANAPUM	6	5	5	5	4	4	4	4	3	2
21	EUGENE CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	0
22	COWLIZ CER FOR WANAPUM	1	0	0	1	1	1	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	16	14	13	12	11	11	10	10	7	4
	ROCK ISLAND CANADIAN ENTITLEMENT										
27	CHELAN CER FOR ROCK ISLAND	1	1	1	1	1	1	1	1	1	0
28	PSP&L CER FOR ROCK ISLAND	2	2	2	1	1	1	1	1	1	1
29	ROCK I CANADIAN ENTITLEMENT	3	3	3	2	2	2	2	2	2	1

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	ROCKY REACH CANADIAN ENTITLEMENT										
30	PP&L CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1
31	PGE CER FOR ROCKY REACH	3	3	3	3	3	2	2	2	2	1
32	PSP&L CER FOR ROCKY REACH	10	9	9	9	8	8	8	7	6	4
33	WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	0	0
34	DOUGLS CER FOR ROCKY REACH	0	1	1	0	0	0	0	1	0	0
35	CHELAN CER FOR ROCKY REACH	4	4	3	3	3	3	3	3	2	1
36	COLOCK CER FOR ROCKY REACH	6	6	5	5	5	5	5	4	4	2
37	ROCKY REACH CANADIAN ENT	25	25	23	22	21	20	20	19	15	9
	WELLS CANADIAN ENTITLEMENT										
38	PP&L CER FOR WELLS	1	1	1	1	1	1	1	1	1	1
39	PGE CER FOR WELLS	4	4	4	4	3	3	3	3	2	1
40	PSP&L CER FOR WELLS	6	6	6	5	5	5	5	4	4	2
41	WWP CER FOR WELLS	1	1	1	1	1	1	1	0	0	0
42	DOUGLS CER FOR WELLS	4	4	4	4	4	3	3	3	2	1
43	OKANOG CER FOR WELLS	3	2	2	2	2	2	2	2	2	1
44	WELLS CANADIAN ENTITLEMENT	19	18	18	17	16	15	15	13	11	6
45	TOTAL CANADIAN ENT	327	315	302	289	276	264	252	238	187	102
	TOTAL CANADIAN ENTITLEMENT										
46	FEDERAL SYSTEM	252	244	235	227	218	209	198	188	147	79
47	PUBLIC AGENCIES W/COLOCKUM	31	29	27	26	25	23	22	22	17	8
48	PRIVATE UTILITIES	44	42	40	36	33	32	32	28	23	15
49	TOTAL	327	315	302	289	276	264	252	238	187	102

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
	BPA CANADIAN ENTITLEMENT										
1	BPA CANADIAN ENTITLEMENT	76	73	54	0	0	0	0	0	0	0
	PRIEST RAPIDS CANADIAN ENTITLEMENT										
2	PP&L CER FOR PRIEST R.	1	1	1	0	0	0	0	0	0	0
3	PGE CER FOR PRIEST R.	1	1	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
5	SEATTL CER FOR PRIEST R.	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
7	WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	0
8	GRANT CER FOR PRIEST R.	1	1	1	0	0	0	0	0	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	3	3	2	0	0	0	0	0	0	0
	WANAPUM CANADIAN ENTITLEMENT										
16	PP&L CER FOR WANAPUM	1	1	1	0	0	0	0	0	0	0
17	PGE CER FOR WANAPUM	1	1	1	0	0	0	0	0	0	0
18	PSP&L CER FOR WANAPUM	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
20	GRANT CER FOR WANAPUM	2	2	1	0	0	0	0	0	0	0
21	EUGENE CER FOR WANAPUM	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
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	4	4	3	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
28	PSP&L CER FOR ROCK ISLAND	1	1	1	0	0	0	0	0	0	0
29	ROCK I CANADIAN ENTITLEMENT	1	1	1	0	0	0	0	0	0	0

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
ROCKY REACH CANADIAN ENTITLEMENT										
30 PP&L CER FOR ROCKY REACH	1	1	0	0	0	0	0	0	0	0
31 PGE CER FOR ROCKY REACH	1	1	1	0	0	0	0	0	0	0
32 PSP&L CER FOR ROCKY REACH	4	3	2	0	0	0	0	0	0	0
33 WWP CER FOR ROCKY REACH	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
35 CHELAN CER FOR ROCKY REACH	1	1	1	0	0	0	0	0	0	0
36 COLOCK CER FOR ROCKY REACH	2	2	2	0	0	0	0	0	0	0
37 ROCKY REACH CANADIAN ENT	9	8	6	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
39 PGE CER FOR WELLS	1	1	1	0	0	0	0	0	0	0
40 PSP&L CER FOR WELLS	2	2	1	0	0	0	0	0	0	0
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	0
42 DOUGLS CER FOR WELLS	1	1	1	0	0	0	0	0	0	0
43 OKANOG CER FOR WELLS	1	1	1	0	0	0	0	0	0	0
44 WELLS CANADIAN ENTITLEMENT	5	5	4	0	0	0	0	0	0	0
45 TOTAL CANADIAN ENT	98	94	70	0	0	0	0	0	0	0
TOTAL CANADIAN ENTITLEMENT										
46 FEDERAL SYSTEM	76	73	54	0	0	0	0	0	0	0
47 PUBLIC AGENCIES W/COLOCKUM	8	8	7	0	0	0	0	0	0	0
48 PRIVATE UTILITIES	14	13	9	0	0	0	0	0	0	0
49 TOTAL	98	94	70	0	0	0	0	0	0	0

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 CHELAN	3	3	3	3	3	3	3	2	2	1
2 CLARK	10	9	9	9	8	8	8	7	6	3
3 COWLITZ	8	8	7	7	7	7	6	6	5	3
4 DOUGLAS	1	1	1	1	1	1	1	0	0	0
5 EUGENE	18	17	17	16	15	14	14	13	10	6
6 GRANT	1	1	1	1	1	1	1	1	1	0
7 GRAYS HARBOR	5	5	4	4	4	4	4	4	3	2
8 OTHER PUBLIC AGENCIES	30	29	28	26	25	24	23	22	17	9
9 PEND OREILLE	1	1	1	1	1	1	0	0	0	0
10 PGE	57	55	53	51	48	46	44	42	33	18
11 PP&L	33	32	30	29	28	26	25	24	19	10
12 PSP&L	57	55	53	51	48	46	44	42	33	18
13 SEATTLE	41	39	38	36	35	33	31	30	23	13
14 SNOHOMISH	5	5	4	4	4	4	4	3	3	1
15 TACOMA	41	39	38	36	34	33	31	30	23	13
16 WWP	16	16	15	14	14	13	13	12	9	5
17 TOTAL CSPE PURCHASE	327	315	302	289	276	264	252	238	187	102
TOTAL CSPE PURCHASE										
18 PUBLIC AGENCIES	164	157	151	144	138	133	126	118	93	51
19 PRIVATE UTILITIES	163	158	151	145	138	131	126	120	94	51
20 TOTAL	327	315	302	289	276	264	252	238	187	102

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	CHELAN	1	1	1	0	0	0	0	0	0	0
2	CLARK	3	3	2	0	0	0	0	0	0	0
3	COWLITZ	3	2	2	0	0	0	0	0	0	0
4	DOUGLAS	0	0	0	0	0	0	0	0	0	0
5	EUGENE	5	5	4	0	0	0	0	0	0	0
6	GRANT	0	0	0	0	0	0	0	0	0	0
7	GRAYS HARBOR	2	1	1	0	0	0	0	0	0	0
8	OTHER PUBLIC AGENCIES	9	9	6	0	0	0	0	0	0	0
9	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
10	PGE	17	17	12	0	0	0	0	0	0	0
11	PP&L	10	9	7	0	0	0	0	0	0	0
12	PSP&L	17	17	12	0	0	0	0	0	0	0
13	SEATTLE	12	12	9	0	0	0	0	0	0	0
14	SNOHOMISH	2	1	1	0	0	0	0	0	0	0
15	TACOMA	12	12	9	0	0	0	0	0	0	0
16	WWP	5	5	4	0	0	0	0	0	0	0
17	TOTAL CSPE PURCHASE	98	94	70	0	0	0	0	0	0	0

TOTAL CSPE PURCHASE

18	PUBLIC AGENCIES	49	46	35	0	0	0	0	0	0	0
19	PRIVATE UTILITIES	49	48	35	0	0	0	0	0	0	0
20	TOTAL	98	94	70	0	0	0	0	0	0	0

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 CHELAN	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0
7 PGE	0	0	0	0	0	0	0	0	0	0
8 PP&L	0	0	0	0	0	0	0	0	0	0
9 PSP&L	0	0	0	0	0	0	0	0	0	0
10 SEATTLE	0	0	0	0	0	0	0	0	0	0
11 TACOMA	0	0	0	0	0	0	0	0	0	0
12 WWP	0	0	0	0	0	0	0	0	0	0
13 OTHER PUBLIC AGENCIES	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 PRIVATE 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-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 CHELAN	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0
7 PGE	0	0	0	0	0	0	0	0	0	0
8 PP&L	0	0	0	0	0	0	0	0	0	0
9 PSP&L	0	0	0	0	0	0	0	0	0	0
10 SEATTLE	0	0	0	0	0	0	0	0	0	0
11 TACOMA	0	0	0	0	0	0	0	0	0	0
12 WWP	0	0	0	0	0	0	0	0	0	0
13 OTHER PUBLIC AGENCIES	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 PRIVATE 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
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	BPA CANADIAN ENTITLEMENT										
1	BPA CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	11	94	246
	PRIEST RAPIDS CANADIAN ENTITLEMENT										
2	PP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	1	2
3	PGE CER FOR PRIEST R.	0	0	0	0	0	0	0	0	1	1
4	PSP&L CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	1
5	SEATTL CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	1
6	TACOMA CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	1
7	WWP CER FOR PRIEST R.	0	0	0	0	0	0	0	0	0	1
8	GRANT CER FOR PRIEST R.	0	0	0	0	0	0	0	0	2	4
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	0	0	0	0	0	0	0	0	4	11
	WANAPUM CANADIAN ENTITLEMENT										
16	PP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	1	3
17	PGE CER FOR WANAPUM	0	0	0	0	0	0	0	0	1	3
18	PSP&L CER FOR WANAPUM	0	0	0	0	0	0	0	0	1	2
19	WWP CER FOR WANAPUM	0	0	0	0	0	0	0	0	0	1
20	GRANT CER FOR WANAPUM	0	0	0	0	0	0	0	1	2	5
21	EUGENE CER FOR WANAPUM	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
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	0	0	0	0	0	1	5	14
	ROCK ISLAND CANDIAN ENTITLEMENT										
27	CHELAN CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	0	1
28	PSP&L CER FOR ROCK ISLAND	0	0	0	0	0	0	0	0	1	2
29	ROCK I CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	0	1	3

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
ROCKY REACH CANDIAN ENTITLEMENT										
30 PP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	1	1
31 PGE CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	1	3
32 PSP&L CER FOR ROCKY REACH	0	0	0	0	0	0	0	1	4	10
33 WWP CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	1
34 DOUGLS CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	0	1
35 CHELAN CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	2	4
36 COLOCK CER FOR ROCKY REACH	0	0	0	0	0	0	0	0	2	6
37 ROCKY REACH CANADIAN ENT	0	0	0	0	0	0	0	1	10	26
WELLS CANADIAN ENTITLEMENT										
38 PP&L CER FOR WELLS	0	0	0	0	0	0	0	0	1	1
39 PGE CER FOR WELLS	0	0	0	0	0	0	0	0	1	4
40 PSP&L CER FOR WELLS	0	0	0	0	0	0	0	1	2	6
41 WWP CER FOR WELLS	0	0	0	0	0	0	0	0	0	1
42 DOUGLS CER FOR WELLS	0	0	0	0	0	0	0	0	2	4
43 OKANOG CER FOR WELLS	0	0	0	0	0	0	0	0	1	2
44 WELLS CANADIAN ENTITLEMENT	0	0	0	0	0	0	0	1	7	18
45 TOTAL CANADIAN ENT	0	0	0	0	0	0	0	14	121	318
TOTAL CANADIAN ENTITLEMENT										
46 FEDERAL SYSTEM	0	0	0	0	0	0	0	11	94	246
47 PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	1	11	29
48 PRIVATE UTILITIES	0	0	0	0	0	0	0	2	16	43
49 TOTAL	0	0	0	0	0	0	0	14	121	318

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
	BPA CANADIAN ENTITLEMENT										
1	BPA CANADIAN ENTITLEMENT	243	241	285	424	420	415	411	407	402	397
	PRIEST RAPIDS CANADIAN ENTITLEMENT										
2	PP&L CER FOR PRIEST R.	2	2	2	3	3	1	0	0	0	0
3	PGE CER FOR PRIEST R.	1	1	2	3	3	1	0	0	0	0
4	PSP&L CER FOR PRIEST R.	1	1	1	2	2	0	0	0	0	0
5	SEATTL CER FOR PRIEST R.	1	1	1	2	2	1	0	0	0	0
6	TACOMA CER FOR PRIEST R.	1	1	1	1	1	1	0	0	0	0
7	WWP CER FOR PRIEST R.	1	1	1	1	1	0	0	0	0	0
8	GRANT CER FOR PRIEST R.	4	4	5	7	7	15	19	18	18	18
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	11	11	13	19	19	19	19	18	18	18
	WANAPUM CANADIAN ENTITLEMENT										
16	PP&L CER FOR WANAPUM	3	3	3	5	4	4	4	4	4	2
17	PGE CER FOR WANAPUM	3	3	3	4	4	4	4	4	4	1
18	PSP&L CER FOR WANAPUM	2	2	2	3	3	3	3	3	3	1
19	WWP CER FOR WANAPUM	1	1	1	2	2	2	2	2	2	1
20	GRANT CER FOR WANAPUM	5	5	6	9	9	9	9	8	8	18
21	EUGENE CER FOR WANAPUM	0	0	0	1	1	1	1	1	1	0
22	COWLIZ CER FOR WANAPUM	0	0	1	1	1	1	1	1	1	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	14	14	16	25	24	24	24	23	23	23
	ROCK ISLAND CANDIAN ENTITLEMENT										
27	CHELAN CER FOR ROCK ISLAND	1	1	2	2	2	2	2	2	2	2
28	PSP&L CER FOR ROCK ISLAND	2	2	2	3	3	3	3	3	3	3
29	ROCK I CANADIAN ENTITLEMENT	3	3	4	5	5	5	5	5	5	5

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
ROCKY REACH CANDIAN ENTITLEMENT										
30 PP&L CER FOR ROCKY REACH	1	1	2	3	2	2	2	2	2	2
31 PGE CER FOR ROCKY REACH	3	3	3	5	5	5	5	5	5	5
32 PSP&L CER FOR ROCKY REACH	10	9	11	17	17	17	17	16	16	16
33 WWP CER FOR ROCKY REACH	1	1	1	1	1	1	1	1	1	1
34 DOUGLS CER FOR ROCKY REACH	0	1	1	1	1	1	1	1	1	1
35 CHELAN CER FOR ROCKY REACH	4	4	4	7	7	6	6	7	6	6
36 COLOCK CER FOR ROCKY REACH	6	5	7	10	10	10	10	10	10	10
37 ROCKY REACH CANADIAN ENT	25	24	29	44	43	42	42	42	41	41
WELLS CANADIAN ENTITLEMENT										
38 PP&L CER FOR WELLS	1	1	1	2	2	2	2	2	2	2
39 PGE CER FOR WELLS	4	4	4	7	7	7	6	6	6	6
40 PSP&L CER FOR WELLS	6	6	7	10	10	10	10	10	10	10
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	4	4	5	7	7	7	7	7	7	6
43 OKANOG CER FOR WELLS	2	2	3	4	4	4	4	4	4	4
44 WELLS CANADIAN ENTITLEMENT	18	18	21	31	31	31	30	30	30	29
45 TOTAL CANADIAN ENT	314	311	368	548	542	536	531	525	519	513
TOTAL CANADIAN ENTITLEMENT										
46 FEDERAL SYSTEM	243	241	285	424	420	415	411	407	402	397
47 PUBLIC AGENCIES W/COLOCKUM	28	28	36	52	52	58	60	59	58	65
48 PRIVATE UTILITIES	43	42	47	72	70	63	60	59	59	51
49 TOTAL	314	311	368	548	542	536	531	525	519	513

TABLE A-16

CONTRACTS BETWEEN UTILITIES

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	BPA TO CLARK, PKWD LAKE	0	0	0	0	0	0	0	0	0	1
2	BPA TO MONT, WNP1 OBLIG	68	68	68	68	68	68	0	0	0	0
3	BPA TO MONT, 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, PEAK SALE	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, WNP1 OBLIG	68	68	68	68	68	68	0	0	0	0
7	BPA TO PP&L, WNP3 SETTLE	0	66	66	66	66	66	66	66	66	66
8	BPA TO PGE, PEAK SALE	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, FALL PWR SALE	16	16	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	68	68	68	68	68	68	0	0	0	0
11	BPA TO PGE, WNP3 SETTLE	54	54	54	54	54	54	65	65	65	65
12	BPA TO PSP&L, BAKER HD LOSS	1	1	1	1	1	1	1	1	1	1
13	BPA TO PSP&L, PS TO PWR XCH	75	75	75	75	75	75	75	75	75	51
14	BPA TO PSP&L, WNP1 OBLIG	68	68	68	68	68	68	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	33	33	33	33	33	33	33	33	33	33
16	BPA TO SNOHOM, PKWD LAKE	0	0	0	0	0	0	0	0	0	0
17	BPA TO WWP, WNP1 OBLIG	68	68	68	68	68	68	0	0	0	0
18	BPA TO WWP, WNP3 SETTLE	27	27	27	27	27	27	27	32	32	32
19	CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0
20	CHELAN TO PGE,C/N TRANS/XCH	1	1	2	2	2	2	2	2	2	2
21	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0
22	COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0
23	DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1
24	GRANT TO PP&L, PWR SALE	10	10	10	10	10	10	10	10	2	0
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	14	13	13	5	0	0	1	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	12	12	12	12	12	12	12	12	0	0
28	MONT TO BPA, CAP/NRG XCHG	30	30	30	30	30	30	29	30	30	29
29	MONT TO ID, SEAS PWR XCHG	12	12	12	12	12	12	12	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	3	3	3	3	3	3	3	3	3	3
31	PP&L TO BPA, WNP3 SETTLE	0	65	65	65	65	65	65	65	65	65
32	PP&L TO COLOCKUM, CAP/NRG X	23	23	23	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	27	2	0	0	0	0	0	0	0	0
34	PP&L TO PSP&L, PWR SALE 2	60	115	120	120	120	120	120	120	120	120
35	PEND O TO SCL, PWR SALE	15	15	15	15	15	12	12	12	12	12
36	PGE TO BPA, WNP3 SETTLE	54	54	54	54	54	54	65	65	65	65
37	PGE TO CHELAN,C/N TRANS/XCH	2	2	4	4	4	4	3	4	4	3
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
40	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	51
41	SCL TO PEND O, PWR SALE	19	20	20	20	21	23	23	23	23	23
42	SCL TO IDAHO, ENERGY XCHG	12	12	11	11	-1	0	0	0	0	0
43	WWP TO BPA, WNP3 SETTLE	27	27	27	27	27	27	27	32	32	32
44	WWP TO PP&L, SANDPOINT PWR	2	2	2	2	2	1	0	0	0	0
45	WWP TO PP&L, WIDCO PWR SALE	5	3	0	0	0	0	0	0	0	0
46	WWP TO PSP&L, PWR SALE 1	28	0	0	0	0	0	0	0	0	0
47	WWP TO PSP&L, PWR SALE 2	75	74	75	75	75	74	74	74	74	74
48	TOTAL CONTRACTS	1012	1143	1130	1099	1083	1081	761	760	740	764

TABLE A-16 (CONTINUED) CONTRACTS BETWEEN UTILITIES

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
TOTAL CONTRACTS OUT										
49 FEDERAL CONTRACTS OUT	546	612	596	596	597	596	267	272	272	248
50 PUBLIC CONTRACTS OUT W/CLOK	62	63	63	63	51	51	51	51	43	41
51 PRIVATE CONTRACTS OUT	404	468	471	440	435	434	443	437	425	475
52 TOTAL CONTRACTS OUT	1012	1143	1130	1099	1083	1081	761	760	740	764
TOTAL CONTRACTS IN										
53 FEDERAL CONTRACTS IN	143	208	208	208	208	208	218	224	224	274
54 PUBLIC CONTRACTS IN W/CLOK	74	74	76	45	41	40	40	40	40	40
55 PRIVATE CONTRACTS IN	795	861	846	846	834	833	503	496	476	450
56 TOTAL CONTRACTS IN	1012	1143	1130	1099	1083	1081	761	760	740	764

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-16

CONTRACTS BETWEEN UTILITIES

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	BPA TO CLARK, PKWD LAKE	1	1	0	1	1	1	1	1	1	1
2	BPA TO MONT, WNP1 OBLIG	0	0	0	0	0	0	0	0	1	1
3	BPA TO MONT, 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, PEAK SALE	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0
7	BPA TO PP&L, WNP3 SETTLE	66	66	66	66	66	66	66	66	66	66
8	BPA TO PGE, PEAK SALE	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, FALL PWR SALE	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0
11	BPA TO PGE, WNP3 SETTLE	65	65	65	65	65	65	65	65	65	65
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	0	0	0	0	0	0
13	BPA TO PSP&L, PS TO PWR XCH	51	51	51	51	51	51	51	51	0	0
14	BPA TO PSP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0
15	BPA TO PSP&L, WNP3 SETTLE	33	33	33	33	33	33	33	0	0	0
16	BPA TO SNOHOM, PKWD LAKE	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
18	BPA TO WWP, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
19	CHELAN TO DOUG, CAP/NRG XCH	0	0	0	0	0	0	0	0	0	0
20	CHELAN TO PGE,C/N TRANS/XCH	2	2	2	2	2	2	2	2	2	2
21	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0
22	COLOCKUM TO CHELAN, PK SALE	0	0	0	0	0	0	0	0	0	0
23	DOUGLAS TO CHEL, CAP/NR XCH	1	1	1	1	1	1	1	1	1	1
24	GRANT TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	0	0	1	0	0	0	0	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0
28	MONT TO BPA, CAP/NRG XCHG	29	0	0	0	0	0	0	0	1	1
29	MONT TO ID, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	3	3	3	3	3	3	3	3	3	3
31	PP&L TO BPA, WNP3 SETTLE	65	65	65	65	65	65	65	65	65	65
32	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0
34	PP&L TO PSP&L, PWR SALE 2	120	120	120	40	0	0	0	0	0	0
35	PEND O TO SCL, PWR SALE	9	9	9	9	9	0	0	0	0	0
36	PGE TO BPA, WNP3 SETTLE	65	65	65	65	65	65	65	65	65	65
37	PGE TO CHELAN,C/N TRANS/XCH	3	3	3	3	3	4	4	4	4	4
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
40	PSP&L TO BPA, SEAS PWR XCHG	51	51	51	51	51	51	51	51	0	0
41	SCL TO PEND O, PWR SALE	26	26	26	26	26	33	33	33	33	33
42	SCL TO IDAHO, ENERGY XCHG	-1	-1	-1	-1	-1	0	0	0	-1	-1
43	WWP TO BPA, WNP3 SETTLE	32	32	32	32	32	32	32	32	32	32
44	WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0
45	WWP TO PP&L, WIDCO PWR SALE	0	0	0	0	0	0	0	0	0	0
46	WWP TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0
47	WWP TO PSP&L, PWR SALE 2	75	75	37	0	0	-1	-1	-1	0	0
48	TOTAL CONTRACTS	763	734	696	579	539	538	538	505	404	404

TABLE A-16 (CONTINUED) CONTRACTS BETWEEN UTILITIES

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
TOTAL CONTRACTS OUT										
49 FEDERAL CONTRACTS OUT	248	248	247	248	248	248	248	215	164	164
50 PUBLIC CONTRACTS OUT W/CLOK	40	40	40	40	40	39	39	39	39	39
51 PRIVATE CONTRACTS OUT	475	446	409	291	251	251	251	251	201	201
52 TOTAL CONTRACTS OUT	763	734	696	579	539	538	538	505	404	404
TOTAL CONTRACTS IN										
53 FEDERAL CONTRACTS IN	274	245	245	245	245	245	245	245	195	195
54 PUBLIC CONTRACTS IN W/CLOK	40	40	40	40	40	39	39	39	39	39
55 PRIVATE CONTRACTS IN	449	449	411	294	254	254	254	221	170	170
56 TOTAL CONTRACTS IN	763	734	696	579	539	538	538	505	404	404

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-17

SHEET 1 OF 2

RESERVES BPA BASE LTF

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 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	PP&L	0	0	0	0	0	0	0	0	0	0
6	PGE	0	0	0	0	0	0	0	0	0	0
7	PSP&L	0	0	0	0	0	0	0	0	0	0
8	SEATTLE	0	0	0	0	0	0	0	0	0	0
9	TACOMA	0	0	0	0	0	0	0	0	0	0
10	WWP	0	0	0	0	0	0	0	0	0	0
12	GRANT	0	0	0	0	0	0	0	0	0	0
13	DOUGLAS	0	0	0	0	0	0	0	0	0	0
14	CHELAN	0	0	0	0	0	0	0	0	0	0
15	COLOCKUM	0	0	0	0	0	0	0	0	0	0
16	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
17	EUGENE	0	0	0	0	0	0	0	0	0	0
18	COWLITZ	0	0	0	0	0	0	0	0	0	0
19	CLARK	0	0	0	0	0	0	0	0	0	0
20	SNOHOMISH	0	0	0	0	0	0	0	0	0	0
21	IDAHO	0	0	0	0	0	0	0	0	0	0
22	MONTANA	0	0	0	0	0	0	0	0	0	0
23	SMALL & NON GEN. PUBLICS	0	0	0	0	0	0	0	0	0	0
24	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES										
25	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
26	PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0
27	PRIVATE UTILITIES	0	0	0	0	0	0	0	0	0	0
28	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF

OPERATING LEVEL

MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
LARGE THERMAL RESERVES										
29 FEDERAL	0	0	0	0	0	0	0	0	0	0
30 PP&L	0	0	0	0	0	0	0	0	0	0
31 PGE	0	0	0	0	0	0	0	0	0	0
32 PSP&L	0	0	0	0	0	0	0	0	0	0
33 SEATTLE	0	0	0	0	0	0	0	0	0	0
34 TACOMA	0	0	0	0	0	0	0	0	0	0
35 WWP	0	0	0	0	0	0	0	0	0	0
36 GRANT	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	0	0	0	0	0	0	0	0	0	0
42 EUGENE	0	0	0	0	0	0	0	0	0	0
43 IDAHO	0	0	0	0	0	0	0	0	0	0
44 MONTANA	0	0	0	0	0	0	0	0	0	0
45 SMALL & NON GEN. PUBLICS	0	0	0	0	0	0	0	0	0	0
46 TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES										
47 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
48 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
49 PRIVATE UTILITIES	0	0	0	0	0	0	0	0	0	0
50 TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0

TABLE A-17

SHEET 1 OF 2

RESERVES BPA BASE LTF

	MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 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	PP&L	0	0	0	0	0	0	0	0	0	0
6	PGE	0	0	0	0	0	0	0	0	0	0
7	PSP&L	0	0	0	0	0	0	0	0	0	0
8	SEATTLE	0	0	0	0	0	0	0	0	0	0
9	TACOMA	0	0	0	0	0	0	0	0	0	0
10	WWP	0	0	0	0	0	0	0	0	0	0
12	GRANT	0	0	0	0	0	0	0	0	0	0
13	DOUGLAS	0	0	0	0	0	0	0	0	0	0
14	CHELAN	0	0	0	0	0	0	0	0	0	0
15	COLOCKUM	0	0	0	0	0	0	0	0	0	0
16	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
17	EUGENE	0	0	0	0	0	0	0	0	0	0
18	COWLITZ	0	0	0	0	0	0	0	0	0	0
19	CLARK	0	0	0	0	0	0	0	0	0	0
20	SNOHOMISH	0	0	0	0	0	0	0	0	0	0
21	IDAHO	0	0	0	0	0	0	0	0	0	0
22	MONTANA	0	0	0	0	0	0	0	0	0	0
23	SMALL & NON GEN. PUBLICS	0	0	0	0	0	0	0	0	0	0
24	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES										
25	FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
26	PUBLIC AGENCIES W/COLOCKUM	0	0	0	0	0	0	0	0	0	0
27	PRIVATE UTILITIES	0	0	0	0	0	0	0	0	0	0
28	TOTAL HYDRO & MISC. RES.	0	0	0	0	0	0	0	0	0	0

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
LARGE THERMAL RESERVES										
29 FEDERAL	0	0	0	0	0	0	0	0	0	0
30 PP&L	0	0	0	0	0	0	0	0	0	0
31 PGE	0	0	0	0	0	0	0	0	0	0
32 PSP&L	0	0	0	0	0	0	0	0	0	0
33 SEATTLE	0	0	0	0	0	0	0	0	0	0
34 TACOMA	0	0	0	0	0	0	0	0	0	0
35 WWP	0	0	0	0	0	0	0	0	0	0
36 GRANT	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	0	0	0	0	0	0	0	0	0	0
42 EUGENE	0	0	0	0	0	0	0	0	0	0
43 IDAHO	0	0	0	0	0	0	0	0	0	0
44 MONTANA	0	0	0	0	0	0	0	0	0	0
45 SMALL & NON GEN. PUBLICS	0	0	0	0	0	0	0	0	0	0
46 TOTAL LARGE THERMAL RES.	0	0	0	0	0	0	0	0	0	0
LARGE THERMAL RESERVES										
47 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0
48 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0
49 PRIVATE UTILITIES	0	0	0	0	0	0	0	0	0	0
50 TOTAL THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0

TABLE A-18

WELLS AND CHELAN ALLOCATION

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 WELLS	387	387	387	387	387	387	387	387	387	387
2 WELLS AFTER ENC.	341	341	341	341	341	341	341	341	341	341
3 PP&L SHARE	24	24	24	24	24	24	24	24	24	24
4 PGE SHARE	72	72	72	72	72	72	72	72	72	72
5 PSP&L SHARE	110	110	110	110	110	110	110	110	110	110
6 WWP SHARE	12	12	12	12	12	12	12	12	12	12
7 DOUGLS SHARE	74	74	74	74	74	74	74	74	74	74
8 OKANOG CO. PUD SHARE PUB	49	49	49	49	49	49	49	49	49	49
9 WELLS AFTER ENC. DGLS	341	341	341	341	341	341	341	341	341	341
10 CHELAN	38	38	38	38	38	38	38	38	38	38
11 CHELAN AFTER ENC.	41	41	41	41	41	41	41	41	41	41
12 TO CHELAN FR WWP,CONTRACT	19	20	20	20	20	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ	0	0	0	0	0	41	41	41	41	41
14 CHELAN SHARE (PROJ+CONT)	19	19	20	20	20	41	41	41	41	41
15 WWP SHARE	22	22	21	21	21	0	0	0	0	0
16 CHELAN AFTER ENC. CHLN	41	41	41	41	41	41	41	41	41	41

TABLE A-18

WELLS AND CHELAN ALLOCATION

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 WELLS	387	387	387	387	387	387	387	387	387	387
2 WELLS AFTER ENC.	341	341	341	341	341	341	341	341	341	341
3 PP&L SHARE	24	24	24	24	24	24	24	24	24	24
4 PGE SHARE	72	72	72	72	72	72	72	72	72	72
5 PSP&L SHARE	110	110	110	110	110	110	110	110	110	110
6 WWP SHARE	12	12	12	12	12	12	12	12	12	12
7 DOUGLS SHARE	74	74	74	74	74	74	74	74	74	74
8 OKANOG CO. PUD SHARE PUB	49	49	49	49	49	49	49	49	49	49
9 WELLS AFTER ENC. DGLS	341	341	341	341	341	341	341	341	341	341
10 CHELAN	38	38	38	38	38	38	38	38	38	38
11 CHELAN AFTER ENC.	41	41	41	41	41	41	41	41	41	41
12 TO CHELAN FR WWP,CONTRACT	0	0	0	0	0	0	0	0	0	0
13 CHELAN SH OF CHELAN PROJ	41	41	41	41	41	41	41	41	41	41
14 CHELAN SHARE (PROJ+CONT)	41	41	41	41	41	41	41	41	41	41
15 WWP SHARE	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC. CHLN	41	41	41	41	41	41	41	41	41	41

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 ROCKY REACH	555	555	555	555	555	555	555	555	555	555
2 ROCKY REACH AFTER ENC.	574	574	574	574	574	574	574	574	574	574
3 PP&L SHARE	30	30	30	30	30	30	30	30	30	30
4 PGE SHARE	69	69	69	69	69	69	69	69	69	69
5 PSP&L SHARE	223	223	223	223	223	223	223	223	223	223
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	87	87	87	87	87	87	87	87	87	87
9 COLOCK SHARE	132	132	132	132	132	132	132	132	132	132
10 RKY REACH AFTER ENC. CHLN	574	574	574	574	574	574	574	574	574	574
11 ROCK ISLAND	270	270	270	270	270	270	270	270	270	270
12 ROCK ISLAND AFTER ENC. 1&2	335	335	335	335	335	335	335	335	335	335
13 1ST PWRHOUSE AFTER ENC.	227	227	227	227	227	227	227	227	227	227
14 CHELAN SHARE	68	73	78	83	88	93	97	102	107	112
15 PSP&L SHARE	159	154	149	144	140	135	130	125	120	115
16 RI 2ND POWERHOUSE	108	108	108	108	108	108	108	108	108	108
17 CHELAN SHARE	0	0	0	0	0	0	0	0	0	0
18 PSP&L SHARE	108	108	108	108	108	108	108	108	108	108
19 CHELAN TOTAL SHARE	68	73	78	83	88	93	97	102	107	112
20 PSP&L TOTAL SHARE	267	262	257	252	247	242	238	233	228	223
21 ROCK ISLAND CHLN	335	335	335	335	335	335	335	335	335	335

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 ROCKY REACH	555	555	555	555	555	555	555	555	555	555
2 ROCKY REACH AFTER ENC.	574	574	574	574	574	574	574	574	574	574
3 PP&L SHARE	30	30	30	30	30	30	30	30	30	30
4 PGE SHARE	69	69	69	69	69	69	69	69	69	69
5 PSP&L SHARE	223	223	223	223	223	223	223	223	223	223
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	87	87	87	87	87	87	87	87	87	87
9 COLOCK SHARE	132	132	132	132	132	132	132	132	132	132
10 RKY REACH AFTER ENC. CHLN	574	574	574	574	574	574	574	574	574	574
11 ROCK ISLAND	270	270	270	270	270	270	270	270	270	270
12 ROCK ISLAND AFTER ENC. 1&2	335	335	335	335	335	335	335	335	335	335
13 1ST PWRHOUSE AFTER ENC.	227	227	227	227	227	227	227	227	227	227
14 CHELAN SHARE	114	114	114	114	114	114	114	114	114	114
15 PSP&L SHARE	114	114	114	114	114	114	114	114	114	114
16 RI 2ND POWERHOUSE	108	108	108	108	108	108	108	108	108	108
17 CHELAN SHARE	11	22	32	43	54	54	54	54	54	54
18 PSP&L SHARE	97	86	76	65	54	54	54	54	54	54
19 CHELAN TOTAL SHARE	124	135	146	157	168	168	168	168	168	168
20 PSP&L TOTAL SHARE	211	200	189	178	167	167	167	167	167	167
21 ROCK ISLAND CHLN	335	335	335	335	335	335	335	335	335	335

TABLE A-20

WANAPUM ALLOCATION

OPERATING LEVEL

MEGAWATTS		1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 WANAPUM		496	496	496	496	496	496	496	496	496	496
2 WANAPUM AFTER ENC.		424	424	424	424	424	424	424	424	424	424
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		46	46	46	46	46	46	46	46	46	46
6 WWP SHARE		35	35	35	35	35	35	35	35	35	35
7 GRANT SHARE		155	155	155	155	155	155	155	155	155	155
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	424	424	424	424	424	424	424	424	424	424

TABLE A-20

WANAPUM ALLOCATION

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 WANAPUM		496	496	496	496	496	496	496	496	496	496
2 WANAPUM AFTER ENC.		424	424	424	424	424	424	424	424	424	424
3 PP&L SHARE		79	79	79	79	79	79	79	79	79	25
4 PGE SHARE		79	79	79	79	79	79	79	79	79	25
5 PSP&L SHARE		46	46	46	46	46	46	46	46	46	14
6 WWP SHARE		35	35	35	35	35	35	35	35	35	11
7 GRANT SHARE		155	155	155	155	155	155	155	155	155	340
8 EUGENE SHARE		10	10	10	10	10	10	10	10	10	3
9 COWLIZ SHARE		11	11	11	11	11	11	11	11	11	3
10 F GROV SHARE		3	3	3	3	3	3	3	3	3	1
11 MCMINN SHARE		3	3	3	3	3	3	3	3	3	1
12 M FREE SHARE		3	3	3	3	3	3	3	3	3	1
13 WANAPUM AFTER ENC.	GRNT	424	424	424	424	424	424	424	424	424	424

TABLE A-21

PRIEST RAPIDS ALLOCATION

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 PRIEST RAPIDS	492	492	492	492	492	492	492	492	492	492
2 PRIEST RAPIDS AFTER ENC.	476	476	476	476	476	476	476	476	476	476
3 PP&L SHARE	66	66	66	66	66	66	66	66	66	66
4 PGE SHARE	66	66	66	66	66	66	66	66	66	66
5 PSP&L SHARE	38	38	38	38	38	38	38	38	38	38
6 SEATTL SHARE	38	38	38	38	38	38	38	38	38	38
7 TACOMA SHARE	38	38	38	38	38	38	38	38	38	38
8 WWP SHARE	29	29	29	29	29	29	29	29	29	29
9 GRANT SHARE	174	174	174	174	174	174	174	174	174	174
10 EUGENE SHARE	8	8	8	8	8	8	8	8	8	8
11 COWLIZ SHARE	10	10	10	10	10	10	10	10	10	10
12 F GROV SHARE	2	2	2	2	2	2	2	2	2	2
13 MCMINN SHARE	2	2	2	2	2	2	2	2	2	2
14 M FREE SHARE	3	3	3	3	3	3	3	3	3	3
15 KITATS SHARE	2	2	2	2	2	2	2	2	2	2
16 PRST RPDS AFTER ENC. GRNT	475	475	475	475	475	475	475	475	475	475

TABLE A-21

PRIEST RAPIDS ALLOCATION

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 PRIEST RAPIDS	492	492	492	492	492	492	492	492	492	492
2 PRIEST RAPIDS AFTER ENC.	476	476	476	476	476	476	476	476	476	476
3 PP&L SHARE	66	66	66	66	66	21	0	0	0	0
4 PGE SHARE	66	66	66	66	66	21	0	0	0	0
5 PSP&L SHARE	38	38	38	38	38	12	0	0	0	0
6 SEATTL SHARE	38	38	38	38	38	12	0	0	0	0
7 TACOMA SHARE	38	38	38	38	38	12	0	0	0	0
8 WWP SHARE	29	29	29	29	29	10	0	0	0	0
9 GRANT SHARE	174	174	174	174	174	378	476	476	476	476
10 EUGENE SHARE	8	8	8	8	8	3	0	0	0	0
11 COWLIZ SHARE	10	10	10	10	10	3	0	0	0	0
12 F GROV SHARE	2	2	2	2	2	1	0	0	0	0
13 MCMINN SHARE	2	2	2	2	2	1	0	0	0	0
14 M FREE SHARE	3	3	3	3	3	1	0	0	0	0
15 KITATS SHARE	2	2	2	2	2	0	0	0	0	0
16 PRST RPDS AFTER ENC. GRNT	475	475	475	475	475	475	475	475	475	475

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION

	MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	SWIFT 1		56	56	56	56	56	56	56	56	56	56
2	COWLIZ SHARE		15	15	15	15	15	15	15	15	15	15
3	PP&L SHARE	(SYSTEM)	41	41	41	41	41	41	41	41	41	41
4	SWIFT 1	PP&L	56	56	56	56	56	56	56	56	56	56
5	SWIFT 2		22	22	22	22	22	22	22	22	22	22
6	COWLIZ SHARE		6	6	6	6	6	6	6	6	6	6
7	PP&L SHARE	(SYSTEM)	16	16	16	16	16	16	16	16	16	16
8	SWIFT 2	COW	22	22	22	22	22	22	22	22	22	22

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION

	MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	SWIFT 1		56	56	56	56	56	56	56	56	56	56
2	COWLIZ SHARE		15	15	15	15	15	15	15	15	15	15
3	PP&L SHARE	(SYSTEM)	41	41	41	41	41	41	41	41	41	41
4	SWIFT 1	PP&L	56	56	56	56	56	56	56	56	56	56
5	SWIFT 2		22	22	22	22	22	22	22	22	22	22
6	COWLIZ SHARE		6	6	6	6	6	6	6	6	6	6
7	PP&L SHARE	(SYSTEM)	16	16	16	16	16	16	16	16	16	16
8	SWIFT 2	COW	22	22	22	22	22	22	22	22	22	22

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PRIORITY FIRM										
1 CHELAN	4	1	0	4	0	0	0	0	0	0
2 COWLITZ	446	446	453	454	451	456	462	467	473	480
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0
4 EUGENE	195	195	199	200	200	204	208	212	218	224
5 GRANT	5	5	6	6	7	20	30	35	40	48
6 PEND OREILLE	26	39	39	39	38	33	35	36	37	38
7 SEATTLE	190	199	205	209	201	225	238	260	277	304
8 SNOHOMISH	507	541	563	578	583	602	610	631	638	654
9 TACOMA	282	292	296	299	296	310	314	328	330	344
10 SM & NON GEN PUBLICS	2944	2980	3029	3059	3080	3142	3195	3243	3293	3346
11 TOTAL PURCHASES	4598	4697	4788	4847	4855	4991	5091	5211	5305	5437

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PRIORITY FIRM										
1 CHELAN	0	0	0	0	0	0	0	0	0	0
2 COWLITZ	485	491	498	506	514	528	538	544	551	566
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0
4 EUGENE	229	232	236	244	249	257	263	267	270	280
5 GRANT	52	56	61	68	74	87	96	99	103	119
6 PEND OREILLE	33	34	35	36	38	23	24	25	27	28
7 SEATTLE	321	339	349	377	391	450	475	492	511	534
8 SNOHOMISH	665	684	690	707	721	739	751	766	780	798
9 TACOMA	351	365	372	392	402	441	460	470	480	493
10 SM & NON GEN PUBLICS	3388	3431	3479	3535	3591	3651	3704	3754	3805	3865
11 TOTAL PURCHASES	5523	5631	5719	5864	5979	6175	6311	6417	6527	6683

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1 IDAHO	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0
5 PSP&L	107	138	188	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0
7 TOTAL	107	138	188	0	0	0	0	0	0	0

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1 IDAHO	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0
5 PSP&L	0	0	0	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0
7 TOTAL	0	0	0	0	0	0	0	0	0	0

TABLE A-25

PURPA RESOURCES

OPERATING LEVEL

	MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
1	CHELAN	0	0	0	0	0	0	0	0	0	0
2	COLOCKUM	0	0	0	0	0	0	0	0	0	0
3	COWLITZ	0	0	0	0	0	0	0	0	0	0
4	DOUGLAS	0	0	0	0	0	0	0	0	0	0
5	EUGENE	0	0	0	0	0	0	0	0	0	0
6	GRANT	0	0	0	0	0	0	0	0	0	0
7	IDAHO	66	68	69	69	69	69	69	69	69	69
8	MONTANA REGIONAL	8	14	15	15	16	16	23	26	26	26
9	PP&L	65	65	65	65	65	65	65	65	65	65
10	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
11	PGE	15	15	15	15	15	15	15	15	15	15
12	PSP&L	38	38	38	36	36	36	36	36	36	36
13	SEATTLE	0	0	0	0	0	0	0	0	0	0
14	SMALL & NON GEN PUBLICS	29	29	29	29	29	29	29	29	29	29
15	SNOHOMISH	0	0	0	1	0	0	0	0	0	1
16	TACOMA	0	0	0	0	0	0	0	0	0	0
17	WWP	17	17	17	17	17	17	17	17	17	17
18	TOTAL PURPA RESOURCES	238	246	248	247	247	247	254	257	257	258

TOTAL PURPA RESOURCES

19	PUBLIC AGENCIES	29	29	29	30	29	29	29	29	29	29
20	PRIVATE UTILITIES	209	217	219	217	218	218	225	228	228	229
21	TOTAL PURPA RESOURCES	238	246	248	247	247	247	254	257	257	258

TABLE A-25

PURPA RESOURCES

OPERATING LEVEL

	MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
1	CHELAN	0	0	0	0	0	0	0	0	0	0
2	COLOCKUM	0	0	0	0	0	0	0	0	0	0
3	COWLITZ	0	0	0	0	0	0	0	0	0	0
4	DOUGLAS	0	0	0	0	0	0	0	0	0	0
5	EUGENE	0	0	0	0	0	0	0	0	0	0
6	GRANT	0	0	0	0	0	0	0	0	0	0
7	IDAHO	69	69	69	69	69	69	69	69	69	69
8	MONTANA REGIONAL	27	26	25	26	26	27	27	28	28	29
9	PP&L	65	65	65	65	65	65	65	65	65	65
10	PEND OREILLE	0	0	0	0	0	0	0	0	0	0
11	PGE	15	15	15	15	15	15	15	15	15	15
12	PSP&L	36	36	36	36	36	36	36	36	36	36
13	SEATTLE	0	0	0	0	0	0	0	0	0	0
14	SMALL & NON GEN PUBLICS	29	29	29	29	29	29	29	29	29	29
15	SNOHOMISH	0	0	0	0	0	0	0	0	0	0
16	TACOMA	0	0	0	0	0	0	0	0	0	0
17	WWP	17	17	17	17	17	17	17	17	17	17
18	TOTAL PURPA RESOURCES	258	257	256	257	257	258	258	259	259	260
	TOTAL PURPA RESOURCES										
19	PUBLIC AGENCIES	29	29	29	29	29	29	29	29	29	29
20	PRIVATE UTILITIES	229	228	227	228	228	229	229	230	230	231
21	TOTAL PURPA RESOURCES	258	257	256	257	257	258	258	259	259	260

TABLE A-26

DEDICATED RESOURCES

OPERATING LEVEL

	MEGAWATTS	1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PUBLIC AGENCIES											
1	CHELAN	162	167	173	178	183	209	214	218	222	225
2	COWLITZ	53	54	53	52	52	52	52	52	51	49
3	DOUGLAS	85	84	84	85	85	86	86	84	84	82
4	EUGENE	74	73	73	72	71	70	70	69	66	62
5	GRANT	284	285	285	286	287	288	288	287	285	281
6	PEND OREILLE	15	17	16	16	17	22	21	21	21	21
7	SEATTLE	861	853	858	854	854	842	845	839	838	825
8	SNOHOMISH	134	129	133	132	133	127	133	126	132	129
9	TACOMA	394	388	394	392	394	389	394	388	393	387
10	SM NON-GEN PUB AG (CL+GH)	167	166	161	162	152	142	141	139	132	121
11	TOTAL PUBLIC AGENCIES	2229	2217	2230	2230	2228	2228	2245	2224	2224	2182
PRIVATE UTILITIES											
12	IDAHO	1365	1360	1360	1380	1361	1367	1380	1368	1360	1381
13	MONTANA	283	285	290	288	291	292	287	285	289	296
14	PP&L	2387	2256	2263	2291	2248	2216	2197	2113	2102	2117
15	PGE	1156	1152	1152	1151	1150	1146	1147	1143	1134	1112
16	PSP&L	1452	1367	1366	1448	1444	1434	1363	1350	1338	1312
17	WWP	674	664	672	668	669	638	649	639	647	636
18	TOTAL PRIVATE UTILITIES	7317	7084	7103	7226	7163	7093	7023	6898	6870	6854
19	TOTAL DEDICATED RESOURCES	9546	9301	9333	9456	9391	9321	9268	9122	9094	9036

TABLE A-26

DEDICATED RESOURCES

OPERATING LEVEL

	MEGAWATTS	2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PUBLIC AGENCIES											
1	CHELAN	237	248	257	265	276	277	277	276	277	277
2	COWLITZ	49	48	47	45	45	38	35	35	35	28
3	DOUGLAS	83	82	81	80	80	80	80	80	80	81
4	EUGENE	61	61	60	55	55	51	48	48	48	43
5	GRANT	281	281	280	277	277	269	265	267	267	257
6	PEND OREILLE	27	27	27	27	27	43	43	43	43	43
7	SEATTLE	820	815	817	804	806	763	754	754	754	754
8	SNOHOMISH	131	124	130	127	129	127	129	129	129	129
9	TACOMA	388	383	385	374	376	348	339	339	339	339
10	SM NON-GEN PUB AG (CL+GH)	121	120	114	106	106	100	97	97	97	91
11	TOTAL PUBLIC AGENCIES	2198	2189	2198	2160	2177	2096	2068	2069	2070	2043
PRIVATE UTILITIES											
12	IDAHO	1360	1380	1373	1361	1360	1380	1360	1367	1367	1367
13	MONTANA	303	310	316	321	326	330	338	344	349	355
14	PP&L	2069	2050	2075	1986	1980	1956	1886	1880	1896	1844
15	PGE	1112	1110	1108	1090	1091	1048	1030	1029	1029	979
16	PSP&L	1297	1280	1271	1241	1229	1203	1193	1194	1195	1165
17	WWP	640	630	639	629	634	612	606	606	606	584
18	TOTAL PRIVATE UTILITIES	6781	6760	6782	6628	6620	6529	6413	6420	6442	6294
19	TOTAL DEDICATED RESOURCES	8979	8949	8980	8788	8797	8625	8481	8489	8512	8337

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
DSI NON ALUMINUM FIRM PURCHASES										
PARTNERSHIP PURCHASES										
1 POWER ADVANTAGE NON ALUM *	9	9	2	0	0	0	0	0	0	0
2 ALCOA ADDY *	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP	9	9	2	0	0	0	0	0	0	0
INDUSTRIAL FIRM POWER PURCHASES										
4 DSI NON ALUM FIRM, IP RATE	239	239	173	175	175	176	177	178	179	179
TOTAL DSI NON ALUMINUM FIRM PURCHASES										
5 TOTAL DSI NON ALUM PURCHASE	248	248	175	175	175	176	177	178	179	179
GENERATING PUBLIC UTILITIES FIRM PURCHASES										
PARTNERSHIP PURCHASES										
6 POWER ADVANTAGE GEN PUB *	2	1	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES										
7 GEN PUB PURCHASE, PF RATE	1652	1716	1759	1788	1775	1849	1896	1968	2012	2092
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES										
8 TOTAL GEN PUBLIC PURCHASE	1654	1717	1759	1788	1775	1849	1896	1968	2012	2092
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES										
PARTNERSHIP PURCHASES										
9 POWER ADVANTAGE NON GEN *	9	7	0	0	0	0	0	0	0	0
10 STAYING POWER *	19	19	19	4	0	0	0	0	0	0
11 ELECTRIC VENTURES *	5	5	5	1	0	0	0	0	0	0
12 NON GEN PUBLIC PARTNERSHIP*	33	30	24	6	0	0	0	0	0	0
NEW RESOURCE RATE PURCHASES										
13 DIASHOWA, NR RATE	9	43	43	61	66	66	66	66	66	66
PRIORITY FIRM PURCHASES										
14 NON GEN PUB PURCH, PF RATE	2902	2906	2962	2992	3014	3076	3129	3177	3227	3280
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES										
15 TOTAL NON GEN PUB PURCHASE	2944	2980	3029	3059	3080	3142	3195	3243	3293	3346
TOTAL PARTNERSHIP PURCHASES										
16 TOTAL PARTNERSHIP PURCHASE*	44	41	26	6	0	0	0	0	0	0

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
DSI NON ALUMINUM FIRM PURCHASES											
PARTNERSHIP PURCHASES											
1 POWER ADVANTAGE NON ALUM	*	0	0	0	0	0	0	0	0	0	0
2 ALCOA ADDY	*	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP		0	0	0	0	0	0	0	0	0	0
INDUSTRIAL FIRM POWER PURCHASES											
4 DSI NON ALUM FIRM, IP RATE		180	180	181	180	180	181	181	181	182	182
TOTAL DSI NON ALUMINUM FIRM PURCHASES											
5 TOTAL DSI NON ALUM PURCHASE		180	180	181	180	180	181	181	181	182	182
GENERATING PUBLIC UTILITIES FIRM PURCHASES											
PARTNERSHIP PURCHASES											
6 POWER ADVANTAGE GEN PUB	*	0	0	0	0	0	0	0	0	0	0
PRIORITY FIRM PURCHASES											
7 GEN PUB PURCHASE, PF RATE		2135	2201	2241	2329	2388	2525	2607	2663	2722	2818
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES											
8 TOTAL GEN PUBLIC PURCHASE		2135	2201	2241	2329	2388	2525	2607	2663	2722	2818
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES											
PARTNERSHIP PURCHASES											
9 POWER ADVANTAGE NON GEN	*	0	0	0	0	0	0	0	0	0	0
10 STAYING POWER	*	0	0	0	0	0	0	0	0	0	0
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		66	66	66	66	66	66	66	66	66	66
PRIORITY FIRM PURCHASES											
14 NON GEN PUB PURCH, PF RATE		3322	3365	3413	3469	3525	3585	3638	3688	3739	3799
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES											
15 TOTAL NON GEN PUB PURCHASE		3388	3431	3479	3535	3591	3651	3704	3754	3805	3865
TOTAL PARTNERSHIP PURCHASES											
16 TOTAL PARTNERSHIP PURCHASE	*	0	0	0	0	0	0	0	0	0	0

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

	MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552											
1	BPA TO BGP, PWR S TO C/N X	26	26	28	28	28	28	28	28	28	0
2	BPA TO SCE, PWR S TO C/N X	134	134	134	134	134	134	134	134	134	0
3	FED EXPORT SUBJ TO RECALL	159	159	162	162	162	162	162	162	162	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552											
4	BPA TO PGX, SUMM PWR SALE	4	3	0	0	0	0	0	0	0	0
5	FED PNW CONT 60-DAY RECALL	4	3	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS											
6	BPA TO PSP&L, PWR SALE	0	0	0	0	0	75	75	75	75	0
7	FED PNW CONT 5-YEAR RECALL	0	0	0	0	0	75	75	75	75	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS											
8	BGP TO BPA, CAP/NRG XCHG	10	10	10	10	10	10	10	10	10	0
9	SCE TO BPA, CAP/NRG XCHG	43	42	42	41	41	40	39	37	36	0
10	FED XCHG NRG ADD FROM PSW	53	52	52	51	51	50	49	47	46	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES											
11	BGP TO BPA, SUPPLMENTAL NRG	3	3	3	3	3	3	3	3	3	3
12	SCE TO BPA, SUPPLMENTAL NRG	31	31	32	32	33	34	35	36	37	39
13	SCE TO BPA, OPTION ENERGY	71	71	71	71	71	0	0	0	0	0
14	FED RES ADDITIONS FROM PSW	105	106	107	107	108	37	38	39	41	42
15	TOTAL RECALLABLE RESOURCES	322	321	320	320	320	324	324	324	324	42

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552										
1 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0
2 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0
3 FED EXPORT SUBJ TO RECALL	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552										
4 BPA TO PGX, SUMM PWR SALE	0	0	0	0	0	0	0	0	0	0
5 FED PNW CONT 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS										
6 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0
7 FED PNW CONT 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS										
8 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0
10 FED XCHG NRG ADD FROM PSW	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES										
11 BGP TO BPA, SUPPLMENTAL NRG	3	3	3	3	3	3	3	3	0	0
12 SCE TO BPA, SUPPLMENTAL NRG	40	41	42	43	44	46	46	46	46	0
13 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0
14 FED RES ADDITIONS FROM PSW	43	44	46	47	48	49	49	49	46	0
15 TOTAL RECALLABLE RESOURCES	43	44	46	47	48	49	49	49	46	0

SECTION VI - Dedicated and Nondedicated Resources

ENERGY ANALYSIS

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TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
IDAHO											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SWAN FALLS	5B1A	9	9	9	9	9	9	9	9	9	9
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	7	7	7	7	7	7	7	7	7	7
11 CASCADE	5B1A	4	4	4	4	4	4	4	4	4	4
MAIN HYDRO											
12 HELLS CANYON	5B1A	175	175	175	175	175	175	175	175	175	175
13 OXBOW	5B1A	90	90	90	90	90	90	90	90	90	90
14 BROWNLEE	5B1A	220	220	220	220	220	220	220	220	220	220
15 TOTAL HYDRO		739	739	739	739	739	739	739	739	739	739
LARGE THERMAL											
16 JIM BRIDGER SHARE	5B1A	559	552	551	571	552	558	571	559	551	572
17 TOTAL THERMAL		559	552	551	571	552	558	571	559	551	572
OTHER RESOURCES											
18 WOOD RIVER	5B1A	1	1	1	1	1	1	1	1	1	1
19 PURPA	5B1B	66	68	69	69	69	69	69	69	69	69
20 TOTAL OTHER RESOURCES		67	69	70	70	70	70	70	70	70	70
EXPORTS											
IMPORTS											
CONTRACTS OUT											
CONTRACTS IN											

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
TOTAL DEDICATED RESOURCES											
21 RESOURCES USED 79-80	5B1A	1365	1360	1360	1380	1361	1367	1380	1368	1360	1381
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		1365	1360	1360	1380	1361	1367	1380	1368	1360	1381
NONDEDICATED RESOURCES											
24 LG THRM, VALMY		215	216	215	205	205	215	215	216	216	196
25 LG THRM, BOARDMAN SHARE		40	40	40	40	40	40	40	40	40	40
26 C.O.,ID TO SCL, NRG SALE		-14	-13	-13	-5	0	0	-1	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		-12	-12	-12	-12	-12	-12	-12	-12	0	0
28 C.I.,SCL TO ID, NRG SALE		12	12	11	11	-1	0	0	0	0	0
29 C.I.,MONT TO ID, C/N XCHG		12	12	12	12	12	12	12	0	0	0
30 TOTAL NONDEDICATED RES		253	255	253	251	244	255	254	244	256	236
31 TOTAL RESOURCES		1618	1615	1613	1631	1605	1622	1634	1612	1616	1617

TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
IDAHO											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SWAN FALLS	5B1A	9	9	9	9	9	9	9	9	9	9
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	7	7	7	7	7	7	7	7	7	7
11 CASCADE	5B1A	4	4	4	4	4	4	4	4	4	4
MAIN HYDRO											
12 HELLS CANYON	5B1A	175	175	175	175	175	175	175	175	175	175
13 OXBOW	5B1A	90	90	90	90	90	90	90	90	90	90
14 BROWNLEE	5B1A	220	220	220	220	220	220	220	220	220	220
15 TOTAL HYDRO		739	739	739	739	739	739	739	739	739	739
LARGE THERMAL											
16 JIM BRIDGER SHARE	5B1A	551	571	564	552	551	571	551	558	558	558
17 TOTAL THERMAL		551	571	564	552	551	571	551	558	558	558
OTHER RESOURCES											
18 WOOD RIVER	5B1A	1	1	1	1	1	1	1	1	1	1
19 PURPA	5B1B	69	69	69	69	69	69	69	69	69	69
20 TOTAL OTHER RESOURCES		70	70	70	70	70	70	70	70	70	70
EXPORTS											
IMPORTS											
CONTRACTS OUT											
CONTRACTS IN											

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
TOTAL DEDICATED RESOURCES											
21 RESOURCES USED 79-80	5B1A	1360	1380	1373	1361	1360	1380	1360	1367	1367	1367
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		1360	1380	1373	1361	1360	1380	1360	1367	1367	1367
NONDEDICATED RESOURCES											
24 LG THRM, VALMY		216	216	215	216	196	216	216	216	216	196
25 LG THRM, BOARDMAN SHARE		40	40	40	40	40	40	40	40	40	40
26 C.O.,ID TO SCL, NRG SALE		0	0	-1	0	0	0	0	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0
28 C.I.,SCL TO ID, NRG SALE		-1	-1	-1	-1	-1	0	0	0	-1	-1
29 C.I.,MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0
30 TOTAL NONDEDICATED RES		255	255	253	255	235	256	256	256	255	235
31 TOTAL RESOURCES		1615	1635	1626	1616	1595	1636	1616	1623	1622	1602

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
MONTANA DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	3	3	3	3
2 BLACK EAGLE	5B1A	5	5	5	5	5	5	6	6	6	6
3 HOLTER	5B1A	8	8	8	8	8	8	10	10	10	10
4 HAUSER	5B1A	4	4	4	4	4	4	5	5	5	5
5 MILLTOWN & FLINTCREEK	5B1A	0	1	1	1	0	0	1	1	1	1
6 MADISON	5B1A	3	2	2	3	3	3	3	3	3	3
7 RAINBOW	5B1A	10	9	10	10	10	10	12	12	12	12
8 COCHRANE	5B1A	8	8	8	8	8	8	9	10	9	10
9 RYAN	5B1A	2	2	2	2	2	2	2	2	2	2
10 MORONY	5B1A	8	8	8	8	8	8	10	10	10	11
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
12 KERR	5B1A	34	34	34	34	34	35	42	42	42	43
13 THOMPSON FALLS	5B1A	12	12	12	12	12	12	15	15	15	16
14 TOTAL HYDRO		96	95	96	97	96	97	118	119	118	122
LARGE THERMAL											
15 COLSTRIP 1&2 SHARE	5B1A	82	82	81	83	82	84	102	103	102	105
16 COLSTRIP 3 SHARE	5B1B	53	50	54	49	54	51	67	61	67	65
17 TOTAL THERMAL		135	132	135	132	136	135	169	164	169	170
OTHER RESOURCES											
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	8	14	15	15	16	16	23	26	26	27
20 TOTAL OTHER RESOURCES		8	14	15	15	16	16	23	26	26	27
EXPORTS											
IMPORTS											
CONTRACTS OUT											
21 MONT TO BPA,C/N XCHG	5B1A	-30	-30	-30	-30	-30	-30	-29	-30	-30	-29
22 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6
23 TOTAL CONTRACTS OUT		-24	-24	-24	-24	-24	-24	-23	-24	-24	-23
CONTRACTS IN											
24 BPA TO MONT,WNP1 OBL	5B1B	68	68	68	68	68	68	0	0	0	0
25 BPA TO MONT,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS IN		68	68	68	68	68	68	0	0	0	0

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
TOTAL DEDICATED RESOURCES											
27 RESOURCES USED 79-80	5B1A	154	153	153	156	153	157	197	198	196	204
28 OTHER RESOURCES	5B1B	129	132	137	132	138	135	90	87	93	92
29 TOTAL DEDICATED RESOURCES		283	285	290	288	291	292	287	285	289	296
NONDEDICATED RESOURCES											
30 MAIN HYDRO, KERR		2	2	2	2	2	2	3	3	3	3
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS											
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		1	1	1	1	1	1	1	1	1	1
33 SM TH & MISC, CORRETTE		39	38	36	39	39	39	46	48	48	49
34 C.I., ID TO MONT, C/N XCHG		12	12	12	12	12	12	12	12	0	0
35 C.O., MONT TO ID, C/N XCHG		-12	-12	-12	-12	-12	-12	-12	0	0	0
36 TOTAL NONDEDICATED RES		42	41	39	42	42	42	50	64	52	53
37 TOTAL RESOURCES		325	326	329	330	333	334	337	349	341	349

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
MONTANA DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MYSTIC LAKE	5B1A	3	3	3	3	3	3	3	3	3	3
2 BLACK EAGLE	5B1A	6	6	6	6	6	6	6	6	6	6
3 HOLTER	5B1A	11	10	10	10	10	11	11	11	11	11
4 HAUSER	5B1A	5	5	5	5	5	5	5	5	6	6
5 MILLTOWN & FLINTCREEK	5B1A	1	1	0	1	1	1	1	1	1	1
6 MADISON	5B1A	3	3	3	3	3	3	3	4	3	3
7 RAINBOW	5B1A	12	12	12	12	12	13	13	13	13	14
8 COCHRANE	5B1A	10	9	9	9	9	10	10	10	10	10
9 RYAN	5B1A	2	2	2	2	2	2	2	2	2	2
10 MORONY	5B1A	11	10	10	10	11	11	11	11	12	12
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
12 KERR	5B1A	44	41	42	43	43	44	45	46	47	48
13 THOMPSON FALLS	5B1A	16	15	15	16	16	16	16	17	17	17
14 TOTAL HYDRO		124	117	117	120	121	125	126	129	131	133
LARGE THERMAL											
15 COLSTRIP 1&2 SHARE	5B1A	106	100	100	104	104	107	108	111	113	116
16 COLSTRIP 3 SHARE	5B1B	69	60	66	64	68	64	71	69	70	71
17 TOTAL THERMAL		175	160	166	168	172	171	179	180	183	187
OTHER RESOURCES											
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	27	26	26	26	27	28	28	28	29	29
20 TOTAL OTHER RESOURCES		27	26	26	26	27	28	28	28	29	29
EXPORTS											
IMPORTS											
CONTRACTS OUT											
21 MONT TO BPA,C/N XCHG	5B1A	-29	0	0	0	0	0	0	0	-1	-1
22 RESTORATION	5B1A	6	6	6	6	6	6	6	6	6	6
23 TOTAL CONTRACTS OUT		-23	6	6	6	6	6	6	6	5	5
CONTRACTS IN											
24 BPA TO MONT,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	1	1
25 BPA TO MONT,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	1	1

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
TOTAL DEDICATED RESOURCES											
27 RESOURCES USED 79-80	5B1A	207	224	224	230	231	238	240	247	249	254
28 OTHER RESOURCES	5B1B	96	86	92	91	95	92	98	97	100	101
29 TOTAL DEDICATED RESOURCES		303	310	316	321	326	330	338	344	349	355
NONDEDICATED RESOURCES											
30 MAIN HYDRO, KERR		3	3	3	3	3	3	3	3	3	3
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS											
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		1	1	1	1	1	1	1	1	1	1
33 SM TH & MISC, CORRETTE		48	47	48	48	49	51	51	52	53	54
34 C.I., ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0
35 C.O., MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0
36 TOTAL NONDEDICATED RES		52	51	52	52	53	55	55	56	57	58
37 TOTAL RESOURCES		355	361	368	373	379	385	393	400	406	413

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PP&L DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 NORTH UMPQUA	5B1A	97	97	97	97	97	97	97	97	97	97
2 ROGUE	5B1A	35	35	35	35	35	35	35	35	35	35
3 KLAMATH	5B1A	23	23	23	23	23	23	23	23	23	23
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
MAIN HYDRO											
6 WELLS DED SHARE	5B1A	24	24	24	24	24	24	24	24	24	24
7 ROCKY REACH SHARE	5B1A	30	30	30	30	30	30	30	30	30	30
8 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	79
9 PRIEST RAPIDS SHARE	5B1A	66	66	66	66	66	66	66	66	66	66
10 PELTON REREG DED SHARE	5B1B	8	8	8	8	8	8	8	8	8	8
11 SWIFT 1 SHARE	5B1A	41	41	41	41	41	41	41	41	41	41
12 SWIFT 2 SHARE	5B1A	16	16	16	16	16	16	16	16	16	16
13 YALE	5B1A	54	54	54	54	54	54	54	54	54	54
14 MERWIN	5B1A	54	54	54	54	54	54	54	54	54	54
15 TOTAL HYDRO		561	561	561	561	561	561	561	561	561	561
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	529	496	528	517	528	496	529	496	528	518
17 TROJAN SHARE	5B1A	19	19	19	19	19	19	19	19	19	19
18 COLSTRIP 3 SHARE	5B1B	55	53	55	50	55	53	55	50	55	53
19 COLSTRIP 4 SHARE	5B1B	51	55	50	55	51	55	50	55	51	55
20 TOTAL LARGE THERMAL		654	623	652	641	653	623	653	620	653	645
OTHER RESOURCES											
21 PURPA RESOURCES DED SHR	5B1B	25	25	25	25	25	25	25	25	25	25
22 TOTAL OTHER RESOURCES		25	25	25	25	25	25	25	25	25	25
EXPORTS											
IMPORTS											
23 PP&L (WYO) TO PP&L	5B1A	1018	919	898	937	883	884	905	855	819	854
24 TOTAL IMPORTS		1018	919	898	937	883	884	905	855	819	854

TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS OUT											
25 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-6	-5	-5	-5	-5	-5	-4	-4
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	-4	-7
27 TOTAL CONTRACTS OUT		-7	-7	-6	-5	-5	-5	-5	-5	-8	-11
CONTRACTS IN											
28 RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30
29 CSPE PURCHASE	5B1A	33	32	30	29	28	26	25	24	19	10
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,PEAK SALE	5B1A	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 SET	5B1B	68	68	68	68	68	68	0	0	0	0
34 WWP TO PP&L,SANDPOINT	5B1A	2	2	2	2	2	1	0	0	0	0
35 TOTAL CONTRACTS IN		136	135	133	132	131	128	58	57	52	43
TOTAL DEDICATED RESOURCES											
36 RESOURCES USED 79-80	5B1A	2180	2047	2057	2085	2041	2007	2059	1975	1963	1976
37 OTHER RESOURCES	5B1B	207	209	206	206	207	209	138	138	139	141
38 TOTAL DEDICATED RESOURCES		2387	2256	2263	2291	2248	2216	2197	2113	2102	2117
NONDEDICATED RESOURCES											
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		0	0	0	0	0	0	0	0	0	0
41 EXP, PP&L TO PP&L N.CAL,PS		-7	-8	-7	-7	-8	-9	-9	-10	-11	-12
42 EXP, PP&L TO PG&E,PWR SALE		-28	-28	-29	-29	-29	-14	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		-108	-108	-108	-108	-108	-108	-108	-108	-108	-108
45 EXP, PP&L TO UTAH,PWR SALE		-18	-18	-18	-18	-18	-18	-18	-18	-11	0
46 CONT OUT, PP&L TO BPA,WP3 S		0	-65	-65	-65	-65	-65	-65	-65	-65	-65
47 CONT OUT, PP&L TO CHL,C/N X		-23	-23	-23	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		-27	-2	0	0	0	0	0	0	0	0
49 CONT OUT, PP&L TO PSP&L,PS2		-60	-115	-120	-120	-120	-120	-120	-120	-120	-120
50 CONT IN, BPA TO PP&L,WNP3 S		0	66	66	66	66	66	66	66	66	66
51 CONT IN, GRANT TO PP&L,PS		10	10	10	10	10	10	10	10	2	0
52 CONT IN, CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0
53 CONT IN, WWP TO PP&L,WIDCO		5	3	0	0	0	0	0	0	0	0
54 PURPA RESOURCES		40	40	40	40	40	40	40	40	40	40
55 TOTAL NONDEDICATED RES		-256	-288	-294	-271	-272	-258	-244	-245	-247	-239
56 TOTAL RESOURCES		2131	1968	1969	2020	1976	1958	1953	1868	1855	1878

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PP&L DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 NORTH UMPQUA	5B1A	97	97	97	97	97	97	97	97	97	97
2 ROGUE	5B1A	35	35	35	35	35	35	35	35	35	35
3 KLAMATH	5B1A	23	23	23	23	23	23	23	23	23	23
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
MAIN HYDRO											
6 WELLS DED SHARE	5B1A	24	24	24	24	24	24	24	24	24	24
7 ROCKY REACH SHARE	5B1A	30	30	30	30	30	30	30	30	30	30
8 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	25
9 PRIEST RAPIDS SHARE	5B1A	66	66	66	66	66	21	0	0	0	0
10 PELTON REREG DED SHARE	5B1B	8	4	0	0	0	0	0	0	0	0
11 SWIFT 1 SHARE	5B1A	41	41	41	41	41	41	41	41	41	41
12 SWIFT 2 SHARE	5B1A	16	16	16	16	16	16	16	16	16	16
13 YALE	5B1A	54	54	54	54	54	54	54	54	54	54
14 MERWIN	5B1A	54	54	54	54	54	54	54	54	54	54
15 TOTAL HYDRO		561	557	552	552	552	507	486	486	486	432
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	529	496	529	515	528	518	528	529	528	528
17 TROJAN SHARE	5B1A	19	19	19	19	19	19	19	19	19	19
18 COLSTRIP 3 SHARE	5B1B	55	50	55	53	55	50	55	52	53	53
19 COLSTRIP 4 SHARE	5B1B	50	55	51	55	50	55	51	49	51	51
20 TOTAL LARGE THERMAL		653	620	654	642	652	642	653	649	651	651
OTHER RESOURCES											
21 PURPA RESOURCES DED SHR	5B1B	25	25	25	25	25	24	24	24	24	24
22 TOTAL OTHER RESOURCES		25	25	25	25	25	24	24	24	24	24
EXPORTS											
IMPORTS											
23 PP&L (WYO) TO PP&L	5B1A	797	817	814	747	729	758	697	695	709	709
24 TOTAL IMPORTS		797	817	814	747	729	758	697	695	709	709

TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS OUT											
25 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-2	0	0	0	0	0	0	0
26 CANADIAN ENTITL (CAN)	5B1A	-7	-7	-8	-13	-11	-9	-8	-8	-8	-6
27 TOTAL CONTRACTS OUT		-10	-10	-10	-13	-11	-9	-8	-8	-8	-6
CONTRACTS IN											
28 RESTORATION	5B1A	30	30	30	30	30	30	30	30	30	30
29 CSPE PURCHASE	5B1A	10	9	7	0	0	0	0	0	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,PEAK SALE	5B1A	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 SET	5B1B	0	0	0	0	0	0	0	0	0	0
34 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0
35 TOTAL CONTRACTS IN		43	42	40	33	33	33	33	33	33	33
TOTAL DEDICATED RESOURCES											
36 RESOURCES USED 79-80	5B1A	1931	1917	1944	1853	1850	1826	1755	1754	1767	1715
37 OTHER RESOURCES	5B1B	138	133	131	133	130	130	131	126	129	129
38 TOTAL DEDICATED RESOURCES		2069	2050	2075	1986	1980	1956	1886	1880	1896	1844
NONDEDICATED RESOURCES											
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		0	4	8	8	8	8	8	8	8	8
41 EXP, PP&L TO PP&L N.CAL,PS		-13	-15	-16	-17	-18	-19	-20	-21	-23	-23
42 EXP, PP&L TO PG&E,PWR SALE		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
44 EXP, PP&L TO SCE,PWR SALE		-108	-108	-108	-108	-108	-108	-27	0	0	0
45 EXP, PP&L TO UTAH,PWR SALE		0	0	0	0	0	0	0	0	0	0
46 CONT OUT, PP&L TO BPA,WP3 S		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
47 CONT OUT, PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PP&L TO PSP&L,PS2		-120	-120	-120	-40	0	0	0	0	0	0
50 CONT IN, BPA TO PP&L,WNP3 S		66	66	66	66	66	66	66	66	66	66
51 CONT IN, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0
52 CONT IN, CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0
53 CONT IN, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0
54 PURPA RESOURCES		40	40	40	40	40	40	40	40	40	40
55 TOTAL NONDEDICATED RES		-240	-238	-235	-156	-117	-118	-38	-12	-14	-14
56 TOTAL RESOURCES		1829	1812	1840	1830	1863	1838	1848	1868	1882	1830

TABLE D-4

PGE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PGE											
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
3 LAKE OSWEGO CORP	5B1A	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
4 ROUND BUTTE	5B1A	82	82	82	82	82	82	82	82	82	82
5 PELTON	5B1A	34	34	34	34	34	34	34	34	34	34
6 OAK GROVE	5B1A	26	26	26	26	26	26	26	26	26	26
7 NORTH FORK	5B1A	19	18	18	19	19	18	19	19	19	18
8 FARADAY	5B1A	16	16	16	16	16	16	16	16	16	16
9 RIVER MILL	5B1A	9	9	9	9	9	9	9	9	9	9
10 PRIEST RAPIDS SHARE	5B1A	66	66	66	66	66	66	66	66	66	66
11 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	79
12 ROCKY REACH SHARE	5B1A	69	69	69	69	69	69	69	69	69	69
13 WELLS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72
14 TOTAL HYDRO		496	495	495	496	496	495	496	496	496	495
LARGE THERMAL											
15 CENTRALIA SHARE	5B1A	28	26	28	27	28	26	28	26	28	27
16 TROJAN SHARE	5B1A	528	528	528	528	528	528	528	528	528	528
17 TOTAL THERMAL		556	554	556	555	556	554	556	554	556	555
OTHER RESOURCES											
18 SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1
19 C.T., BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2
20 C.T., BEAVER	5B1A	61	61	61	61	61	61	61	61	61	61
21 TOTAL OTHER RESOURCES		64	64	64	64	64	64	64	64	64	64
EXPORTS											
IMPORTS											
CONTRACTS OUT											
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	-12	-11	-11	-10	-9	-8	-8	-8	-6	-4
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	-4	-11
25 RESTORATION	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
26 TOTAL CONTRACTS OUT		-17	-16	-16	-15	-14	-13	-13	-13	-15	-20

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	57	55	53	51	48	46	44	42	33	18
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 BPA TO PGE,PK S (82%)	5B1A	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		57	55	53	51	48	46	44	42	33	18
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	1156	1152	1152	1151	1150	1146	1147	1143	1134	1112
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		1156	1152	1152	1151	1150	1146	1147	1143	1134	1112
NONDEDICATED RESOURCES											
34 HYDRO IND, PRTLD HYDRO PROJ		8	8	8	8	8	8	8	8	8	8
35 LG THRM, BOARDMAN SHARE		261	261	261	261	261	261	261	261	261	261
36 LG THRM, COLSTRIP 3 SHARE		110	105	110	100	110	105	110	100	110	105
37 LG THRM, COLSTRIP 4 SHARE		103	110	100	110	103	110	100	110	103	110
38 C.T., BEAVER		237	237	237	237	237	237	237	237	237	237
39 C.T., BETHEL		50	50	50	50	50	50	50	50	50	50
40 EXP, PGE TO PG&E,PEAK SALE		0	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-11	-12	-12	-12	-12	-12	-12	-12	-12	-12
42 EXP, PGE TO PGX,PWR SALE 2		-16	-16	0	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
44 EXP, PGE TO SCE,PWR SALE 2		-16	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		-8	-34	-34	-34	-34	-34	-34	-34	-34	-34
46 EXP, PGE TO WAPA,PWR SALE		-37	-52	-52	-52	-52	-52	-52	-52	-52	-52
47 IMP, SCE TO PGE,SEA PWR XCH		34	34	34	34	34	34	34	34	34	34
48 CONT OUT, PGE TO BPA,WNP3 S		-54	-54	-54	-54	-54	-54	-65	-65	-65	-65
49 CONT OUT, PGE TO CHEL,C/N X		-2	-2	-4	-4	-4	-4	-3	-4	-4	-3
50 CONT IN, BPA TO PGE,WNP3 S		54	54	54	54	54	54	65	65	65	65
51 CONT IN, BPA TO PGE,FALL PS		16	16	0	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		0	0	0	0	0	0	0	0	0	0
53 CONT IN, BPA TO PGE,WNP1 OB		68	68	68	68	68	68	0	0	0	0
54 CONT IN, CHEL TO PGE,C/N X		1	1	2	2	2	2	2	2	2	2
55 PURPA RESOURCES		15	15	15	15	15	15	15	15	15	15
56 TOTAL NONDEDICATED RES		753	729	723	723	726	728	656	655	658	661
57 TOTAL RESOURCES		1909	1881	1875	1874	1876	1874	1803	1798	1792	1773

TABLE D-4

SHEET 1 OF 2

PGE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PGE											
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
3 LAKE OSWEGO CORP	5B1A	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
4 ROUND BUTTE	5B1A	82	82	82	82	82	82	82	82	82	82
5 PELTON	5B1A	34	34	34	34	34	34	34	34	34	34
6 OAK GROVE	5B1A	26	26	26	26	26	26	26	26	26	26
7 NORTH FORK	5B1A	18	18	19	18	18	19	19	18	18	19
8 FARADAY	5B1A	16	16	16	16	16	16	16	16	16	16
9 RIVER MILL	5B1A	9	9	9	9	9	9	9	9	9	9
10 PRIEST RAPIDS SHARE	5B1A	66	66	66	66	66	21	0	0	0	0
11 WANAPUM SHARE	5B1A	79	79	79	79	79	79	79	79	79	25
12 ROCKY REACH SHARE	5B1A	69	69	69	69	69	69	69	69	69	69
13 WELLS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72
14 TOTAL HYDRO		495	495	496	495	495	451	430	429	429	376
LARGE THERMAL											
15 CENTRALIA SHARE	5B1A	28	26	28	27	28	27	28	28	28	28
16 TROJAN SHARE	5B1A	528	528	528	528	528	528	528	528	528	528
17 TOTAL THERMAL		556	554	556	555	556	555	556	556	556	556
OTHER RESOURCES											
18 SM TH&MISC, SUMMIT 1&2	5B1A	1	1	1	1	1	1	1	1	1	1
19 C.T., BETHEL	5B1A	2	2	2	2	2	2	2	2	2	2
20 C.T., BEAVER	5B1A	61	61	61	61	61	61	61	61	61	61
21 TOTAL OTHER RESOURCES		64	64	64	64	64	64	64	64	64	64
EXPORTS											
IMPORTS											
CONTRACTS OUT											
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-3	0	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	-11	-11	-12	-19	-19	-17	-15	-15	-15	-12
25 RESTORATION	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
26 TOTAL CONTRACTS OUT		-20	-20	-20	-24	-24	-22	-20	-20	-20	-17

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	17	17	12	0	0	0	0	0	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 BPA TO PGE,PK S (82%)	5B1A	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		17	17	12	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	1112	1110	1108	1090	1091	1048	1030	1029	1029	979
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		1112	1110	1108	1090	1091	1048	1030	1029	1029	979
NONDEDICATED RESOURCES											
34 HYDRO IND, PRTLD HYDRO PROJ		8	8	8	8	8	8	8	8	8	8
35 LG THRM, BOARDMAN SHARE		261	261	261	261	261	261	261	261	261	261
36 LG THRM, COLSTRIP 3 SHARE		110	100	110	105	110	100	110	105	105	105
37 LG THRM, COLSTRIP 4 SHARE		100	110	103	110	100	110	103	99	103	103
38 C.T., BEAVER		237	237	237	237	237	237	237	237	237	237
39 C.T., BETHEL		50	50	50	50	50	50	50	50	50	50
40 EXP, PGE TO PG&E,PEAK SALE		0	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
42 EXP, PGE TO PGX,PWR SALE 2		0	0	0	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
44 EXP, PGE TO SCE,PWR SALE 2		0	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		-34	-34	-34	-34	-34	-34	-34	-34	-34	-26
46 EXP, PGE TO WAPA,PWR SALE		-52	-52	-52	-52	-52	-52	-52	-52	-52	-52
47 IMP, SCE TO PGE,SEA PWR XCH		34	34	34	34	34	34	34	34	34	34
48 CONT OUT, PGE TO BPA,WNP3 S		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
49 CONT OUT, PGE TO CHEL,C/N X		-3	-3	-3	-3	-3	-4	-4	-4	-4	-4
50 CONT IN, BPA TO PGE,WNP3 S		65	65	65	65	65	65	65	65	65	65
51 CONT IN, BPA TO PGE,FALL PS		0	0	0	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		0	0	0	0	0	0	0	0	0	0
53 CONT IN, BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0
54 CONT IN, CHEL TO PGE,C/N X		2	2	2	2	2	2	2	2	2	2
55 PURPA RESOURCES		15	15	15	15	15	15	15	15	15	15
56 TOTAL NONDEDICATED RES		656	656	659	661	656	655	658	649	653	661
57 TOTAL RESOURCES		1768	1766	1767	1751	1747	1703	1688	1678	1682	1640

TABLE D-5

SHEET 1 OF 2

PSP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PSP&L DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SNOQUALMIE, ELCT & NK	5B1A	49	49	49	49	49	49	49	49	49	49
MAIN HYDRO											
2 WHITE	5B1A	26	26	26	26	26	26	26	26	26	26
3 UPPER BAKER	5B1A	35	35	35	35	35	35	35	35	35	35
4 LOWER BAKER	5B1A	39	39	39	39	39	39	39	39	39	39
5 WELLS SHARE	5B1A	110	110	110	110	110	110	110	110	110	110
6 ROCKY REACH SHARE	5B1A	223	223	223	223	223	223	223	223	223	223
7 ROCK ISLAND SHARE	5B1A	267	262	257	252	247	242	238	233	228	223
8 WANAPUM SHARE	5B1A	46	46	46	46	46	46	46	46	46	46
9 PRIEST SHARE	5B1A	38	38	38	38	38	38	38	38	38	38
10 TOTAL HYDRO		833	828	823	818	813	808	804	799	794	789
LARGE THERMAL											
11 CENTRALIA SHARE	5B1A	122	115	122	120	122	115	122	115	122	120
12 COLSTRIP 1&2 SHARE	5B1A	252	255	252	252	252	255	252	252	252	255
13 COLSTRIP 3 DED SHARE	5B1B	38	0	0	44	48	46	48	44	48	46
14 COLSTRIP 4 DED SHARE	5B1B	36	0	0	48	45	48	44	48	45	48
15 TOTAL LARGE THERMAL		448	370	374	464	467	464	466	459	467	469
OTHER RESOURCES											
16 C.T., WHIDBEY ISLAND	5B1A	1	1	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 PURPA DED SHARE	5B1B	34	34	34	33	33	33	33	33	33	33
22 TOTAL OTHER RESOURCES		76	76	76	75	75	75	75	75	75	75
EXPORTS											
IMPORTS											
CONTRACTS OUT											
23 RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24 CANADIAN ENTIT (CSPE)	5B1A	-21	-20	-19	-17	-16	-16	-16	-13	-12	-7
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	-2	-8	-21
26 TOTAL CONTRACTS OUT		-31	-30	-29	-27	-26	-26	-26	-25	-30	-38

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	57	55	53	51	48	46	44	42	33	18
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 BPA TO PSP&L,WNP1 OBL	5B1B	68	68	68	68	68	68	0	0	0	0
30 TOTAL CONTRACTS IN		125	123	121	119	116	114	44	42	33	18
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	1247	1236	1235	1228	1223	1211	1210	1197	1185	1157
32 OTHER RESOURCES	5B1B	205	131	131	220	221	223	153	153	153	155
33 TOTAL DEDICATED RESOURCES		1452	1367	1366	1448	1444	1434	1363	1350	1338	1312
NONDEDICATED RESOURCES											
34 LG THRM, COLSTRIP 3 ND SHR		99	131	137	81	89	85	89	82	89	85
35 LG THRM, COLSTRIP 4 ND SHR		92	137	126	89	83	89	82	89	83	89
36 C.T., FREDRICKSON		4	4	4	4	4	4	4	4	4	4
37 C.T., FREDONIA		6	6	6	6	6	6	6	6	6	6
38 CONT OUT, PSP&L TO BPA,WP3		-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
39 CONT OUT,PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	-51
40 CONT IN, BPA TO PSP&L,WNP3		33	33	33	33	33	33	33	33	33	33
41 CONT IN, PP&L TO PSP&L,PS2		60	115	120	120	120	120	120	120	120	120
42 CONT IN,BPA TO PSP&L,BK HD		1	1	1	1	1	1	1	1	1	1
43 CONT IN,BPA TO PSP&L,PS/PXC		75	75	75	75	75	75	75	75	75	51
44 CONT IN,PP&L TO PSP&L,P S		27	2	0	0	0	0	0	0	0	0
45 CONT IN,WWP TO PSP&L, PS 1		28	0	0	0	0	0	0	0	0	0
46 CONT IN,WWP TO PSP&L, PS 2		75	74	75	75	75	74	74	74	74	74
47 CONT IN,N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3
48 PURPA		3	3	3	3	3	3	3	3	3	3
49 TOTAL NONDEDICATED RES		474	552	551	458	460	461	458	458	459	386
50 TOTAL RESOURCES		1926	1919	1917	1906	1904	1895	1821	1808	1797	1698

TABLE D-5

SHEET 1 OF 2

PSP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PSP&L DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SNOQUALMIE, ELCT & NK	5B1A	49	49	49	49	49	49	49	49	49	49
MAIN HYDRO											
2 WHITE	5B1A	26	26	26	26	26	26	26	26	26	26
3 UPPER BAKER	5B1A	35	35	35	35	35	35	35	35	35	35
4 LOWER BAKER	5B1A	39	39	39	39	39	39	39	39	39	39
5 WELLS SHARE	5B1A	110	110	110	110	110	110	110	110	110	110
6 ROCKY REACH SHARE	5B1A	223	223	223	223	223	223	223	223	223	223
7 ROCK ISLAND SHARE	5B1A	211	200	189	178	167	167	167	167	167	167
8 WANAPUM SHARE	5B1A	46	46	46	46	46	46	46	46	46	14
9 PRIEST SHARE	5B1A	38	38	38	38	38	12	0	0	0	0
10 TOTAL HYDRO		777	766	755	744	733	707	695	695	695	663
LARGE THERMAL											
11 CENTRALIA SHARE	5B1A	122	115	122	119	122	120	122	122	122	122
12 COLSTRIP 1&2 SHARE	5B1A	252	252	252	255	252	252	252	255	255	255
13 COLSTRIP 3 DED SHARE	5B1B	48	44	48	46	48	44	48	46	46	46
14 COLSTRIP 4 DED SHARE	5B1B	44	48	45	48	44	48	45	43	45	45
15 TOTAL LARGE THERMAL		466	459	467	468	466	464	467	466	468	468
OTHER RESOURCES											
16 C.T., WHIDBEY ISLAND	5B1A	1	1	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 PURPA DED SHARE	5B1B	33	33	33	33	33	33	33	33	33	33
22 TOTAL OTHER RESOURCES		75	75	75	75	75	75	75	75	75	75
EXPORTS											
IMPORTS											
CONTRACTS OUT											
23 RESTORATION	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
24 CANADIAN ENTIT (CSPE)	5B1A	-7	-6	-4	0	0	0	0	0	0	0
25 CANADIAN ENTITL (CAN)	5B1A	-21	-20	-23	-35	-35	-33	-33	-32	-32	-30
26 TOTAL CONTRACTS OUT		-38	-36	-37	-45	-45	-43	-43	-42	-42	-40

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	17	17	12	0	0	0	0	0	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	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
30 TOTAL CONTRACTS IN		17	17	12	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	1144	1128	1118	1086	1076	1050	1040	1044	1043	1013
32 OTHER RESOURCES	5B1B	153	152	153	155	153	153	153	150	152	152
33 TOTAL DEDICATED RESOURCES		1297	1280	1271	1241	1229	1203	1193	1194	1195	1165
NONDEDICATED RESOURCES											
34 LG THRM, COLSTRIP 3 ND SHR		89	81	89	85	89	82	89	85	85	85
35 LG THRM, COLSTRIP 4 ND SHR		82	89	83	89	82	89	83	81	83	83
36 C.T., FREDRICKSON		4	4	4	4	4	4	4	4	4	4
37 C.T., FREDONIA		6	6	6	6	6	6	6	6	6	6
38 CONT OUT, PSP&L TO BPA,WP3		-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
39 CONT OUT,PSP&L TO BPA,P XCH		-51	-51	-51	-51	-51	-51	-51	-51	0	0
40 CONT IN, BPA TO PSP&L,WNP3		33	33	33	33	33	33	33	0	0	0
41 CONT IN, PP&L TO PSP&L,PS2		120	120	120	40	0	0	0	0	0	0
42 CONT IN,BPA TO PSP&L,BK HD		0	0	0	0	0	0	0	0	0	0
43 CONT IN,BPA TO PSP&L,PS/PXC		51	51	51	51	51	51	51	51	0	0
44 CONT IN,PP&L TO PSP&L,P S		0	0	0	0	0	0	0	0	0	0
45 CONT IN,WWP TO PSP&L, PS 1		0	0	0	0	0	0	0	0	0	0
46 CONT IN,WWP TO PSP&L, PS 2		75	75	37	0	0	-1	-1	-1	0	0
47 CONT IN,N WASCO TO PSP&L		3	3	3	3	3	3	3	3	3	3
48 PURPA		3	3	3	3	3	3	3	3	3	3
49 TOTAL NONDEDICATED RES		383	382	346	231	188	187	188	149	152	152
50 TOTAL RESOURCES		1680	1662	1617	1472	1417	1390	1381	1343	1347	1317

TABLE D-6

SHEET 1 OF 2

WWP DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
WWP DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO											
2 NOXON	5B1A	140	140	140	140	140	140	140	140	140	140
3 CABINET GORGE	5B1A	94	94	94	94	94	94	94	94	94	94
4 POST FALLS	5B1A	7	7	7	7	7	7	7	7	7	7
5 UPPER FALLS	5B1A	8	8	8	8	8	8	8	8	8	8
6 MONROE STREET	5B1A	5	5	5	5	5	5	5	5	5	5
7 NINE MILE	5B1A	10	10	10	10	10	10	10	10	10	10
8 LONG LAKE	5B1A	40	40	40	40	40	40	40	40	40	40
9 LITTLE FALLS	5B1A	17	17	17	17	17	17	17	17	17	17
10 WELLS SHARE	5B1A	12	12	12	12	12	12	12	12	12	12
11 CHELAN SHARE	5B1A	22	22	21	21	21	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	17	17	17	17	17	17	17	17	17	17
13 WANAPUM SHARE	5B1A	35	35	35	35	35	35	35	35	35	35
14 PRIEST RAPIDS SHARE	5B1A	29	29	29	29	29	29	29	29	29	29
15 TOTAL HYDRO		437	437	436	436	436	415	415	415	415	415
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	167	157	167	164	167	157	167	157	167	163
17 TOTAL LARGE THERMAL		167	157	167	164	167	157	167	157	167	163
OTHER RESOURCES											
18 C.T., NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54
19 PURPA RESOURCES	5B1B	3	3	3	3	0	0	0	0	0	0
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54
EXPORTS											
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0
IMPORTS											
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS OUT											
25 CANADIAN ENTIT (CSPE)	5B1A	-4	-4	-4	-4	-3	-3	-3	-2	-1	0
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	-4
27 WWP TO PP&L,SANDPOINT	5B1A	-2	-2	-2	-2	-2	-1	0	0	0	0
28 TOTAL CONTRACTS OUT		-6	-6	-6	-6	-5	-4	-3	-2	-1	-4
CONTRACTS IN											
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	16	16	15	14	14	13	13	12	9	5
31 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
32 RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3
33 TOTAL CONTRACTS IN		19	19	18	17	17	16	16	15	12	8
TOTAL DEDICATED RESOURCES											
34 RESOURCES USED 79-80	5B1A	671	661	669	665	669	638	649	639	647	636
35 OTHER RESOURCES	5B1B	3	3	3	3	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		674	664	672	668	669	638	649	639	647	636
NONDEDICATED RESOURCES											
37 LG THRM, COLSTRIP 3 SHARE		82	79	82	75	82	79	82	75	82	79
38 LG THRM, COLSTRIP 4 SHARE		77	82	75	83	77	82	75	82	77	82
39 RENEW, KETTLE FALLS		39	39	39	39	39	39	39	40	39	39
40 IMP, BC HYDRO TO WWP, PWR S		17	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		0	25	25	25	25	25	25	25	25	25
42 EXP, WWP TO PG&E,SEA PWR XC		-7	-25	-25	-25	-25	-25	-25	-25	-25	-25
43 CONT OUT, WWP TO BPA,WNP3 S		-27	-27	-27	-27	-27	-27	-27	-32	-32	-32
44 CONT OUT, WWP TO PP&L,WIDCO		-5	-3	0	0	0	0	0	0	0	0
45 CONT OUT, WWP TO PSP&L,PS 1		-28	0	0	0	0	0	0	0	0	0
46 CONT OUT, WWP TO PSP&L,PS 2		-75	-74	-75	-75	-75	-74	-74	-74	-74	-74
47 CONT IN, BPA TO WWP,WNP1 OB		68	68	68	68	68	68	0	0	0	0
48 CONT IN, BPA TO WWP, WNP3 S		27	27	27	27	27	27	27	32	32	32
49 PURPA RESOURCES		14	14	14	14	17	17	17	17	17	17
50 NONDEDICATED RESOURCES		182	205	203	204	208	211	139	140	141	143
51 TOTAL RESOURCES		856	869	875	872	877	849	788	779	788	779

TABLE D-6

SHEET 1 OF 2

WWP DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
WWP DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO											
2 NOXON	5B1A	140	140	140	140	140	140	140	140	140	140
3 CABINET GORGE	5B1A	94	94	94	94	94	94	94	94	94	94
4 POST FALLS	5B1A	7	7	7	7	7	7	7	7	7	7
5 UPPER FALLS	5B1A	8	8	8	8	8	8	8	8	8	8
6 MONROE STREET	5B1A	5	5	5	5	5	5	5	5	5	5
7 NINE MILE	5B1A	10	10	10	10	10	10	10	10	10	10
8 LONG LAKE	5B1A	40	40	40	40	40	40	40	40	40	40
9 LITTLE FALLS	5B1A	17	17	17	17	17	17	17	17	17	17
10 WELLS SHARE	5B1A	12	12	12	12	12	12	12	12	12	12
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	35	35	35	35	35	35	35	35	35	11
14 PRIEST RAPIDS SHARE	5B1A	29	29	29	29	29	10	0	0	0	0
15 TOTAL HYDRO		415	415	415	415	415	396	386	386	386	362
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	167	157	167	162	167	163	167	167	167	167
17 TOTAL LARGE THERMAL		167	157	167	162	167	163	167	167	167	167
OTHER RESOURCES											
18 C.T., NORTHEAST UNITS	5B1A	54	54	54	54	54	54	54	54	54	54
19 PURPA RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
20 TOTAL OTHER RESOURCES		54	54	54	54	54	54	54	54	54	54
EXPORTS											
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	1
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	1
IMPORTS											
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS OUT											
25 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
26 CANADIAN ENTITL (CAN)	5B1A	-4	-4	-4	-5	-5	-4	-4	-4	-4	-3
27 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS OUT		-4	-4	-4	-5	-5	-4	-4	-4	-4	-3
CONTRACTS IN											
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	5	5	4	0	0	0	0	0	0	0
31 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
32 RESTORATION	5B1A	3	3	3	3	3	3	3	3	3	3
33 TOTAL CONTRACTS IN		8	8	7	3	3	3	3	3	3	3
TOTAL DEDICATED RESOURCES											
34 RESOURCES USED 79-80	5B1A	640	630	639	629	634	612	606	606	606	584
35 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		640	630	639	629	634	612	606	606	606	584
NONDEDICATED RESOURCES											
37 LG THRM, COLSTRIP 3 SHARE		82	75	82	79	82	75	82	79	79	79
38 LG THRM, COLSTRIP 4 SHARE		75	82	77	82	75	82	77	74	77	77
39 RENEW, KETTLE FALLS		39	40	40	40	40	40	40	40	40	40
40 IMP, BC HYDRO TO WWP, PWR S		0	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		25	25	25	25	25	25	25	25	25	25
42 EXP, WWP TO PG&E,SEA PWR XC		-25	-25	-25	-25	-25	-25	-25	-25	-25	-25
43 CONT OUT, WWP TO BPA,WNP3 S		-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
44 CONT OUT, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0
45 CONT OUT, WWP TO PSP&L,PS 1		0	0	0	0	0	0	0	0	0	0
46 CONT OUT, WWP TO PSP&L,PS 2		-75	-75	-37	0	0	1	1	1	0	0
47 CONT IN, BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0
48 CONT IN, BPA TO WWP, WNP3 S		32	32	32	32	32	32	32	32	32	32
49 PURPA RESOURCES		17	17	17	17	17	17	17	17	17	17
50 NONDEDICATED RESOURCES		138	139	179	218	214	215	217	211	213	213
51 TOTAL RESOURCES		778	769	818	847	848	827	823	817	819	797

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES

	MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
	CHELAN											
	DEDICATED RESOURCES											
	HYDRO INDEPENDENTS											
	MAIN HYDRO											
1	ROCKY REACH SHARE	5B1A	44	44	44	44	44	44	44	44	44	44
2	ROCKY REACH SHARE	5B1B	43	43	43	43	43	43	43	43	43	43
3	ROCK ISLAND SHARE	5B1A	29	29	29	29	29	29	29	29	29	29
4	ROCK ISLAND SHARE	5B1B	29	34	39	44	49	54	58	63	68	73
5	CHELAN SHR, PROJ+CONT	5B1A	16	16	16	16	16	41	41	41	41	41
6	CHELAN CONTRACT	5B1B	4	4	4	4	4	0	0	0	0	0
7	TOTAL HYDRO		165	170	175	180	185	211	216	221	226	231
	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	-5	-5	-4	-4	-4	-4	-4	-4	-3	-1
10	CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	-2	-5
11	RESTORATION	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12	TOTAL CONTRACTS OUT		-7	-7	-6	-6	-6	-6	-6	-6	-7	-8
	CONTRACTS IN											
13	CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	2	2	1
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	4	4	4	4	4	3	3	2
	TOTAL DEDICATED RESOURCES											
18	RESOURCE USED 79-80,	5B1A	86	86	87	87	87	112	112	111	108	103
19	OTHER RESOURCES	5B1B	76	81	85	90	95	97	101	106	111	116
20	TOTAL DEDICATED RESOURCES		162	167	173	178	183	209	214	218	222	225

TABLE D-8 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
NONDEDICATED RESOURCES										
21 M HYDRO, ROCK ISLAND SHARE	10	10	10	10	10	10	9	9	10	10
22 CONT OUT, CHL TO PGE,C/N X	-1	-1	-2	-2	-2	-2	-2	-2	-2	-2
23 CONT IN, PGE TO CHL,C/N X	2	2	4	4	4	4	3	4	4	3
24 TOTAL NONDEDICATED RES	11	11	12	12	12	12	10	11	12	11
25 TOTAL RESOURCES	172	177	185	190	195	221	224	229	233	235

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CHELAN DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 ROCKY REACH SHARE	5B1A	44	44	44	44	44	44	44	44	44	44
2 ROCKY REACH SHARE	5B1B	43	43	43	43	43	43	43	43	43	43
3 ROCK ISLAND SHARE	5B1A	40	51	62	72	83	83	83	83	83	83
4 ROCK ISLAND SHARE	5B1B	75	75	75	75	75	75	75	75	75	75
5 CHELAN SHR, PROJ+CONT	5B1A	41	41	41	41	41	41	41	41	41	41
6 CHELAN CONTRACT	5B1B	0	0	0	0	0	0	0	0	0	0
7 TOTAL HYDRO		243	254	264	275	286	286	286	286	286	286
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	-1	-1	-1	0	0	0	0	0	0	0
10 CANADIAN ENTITL (CAN)	5B1A	-5	-5	-6	-9	-9	-8	-8	-9	-8	-8
11 RESTORATION	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
12 TOTAL CONTRACTS OUT		-8	-8	-9	-11	-11	-10	-10	-11	-10	-10
CONTRACTS IN											
13 CSPE PURCHASE	5B1A	1	1	1	0	0	0	0	0	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		2	2	2	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES											
18 RESOURCE USED 79-80,	5B1A	114	125	134	139	149	151	151	149	151	151
19 OTHER RESOURCES	5B1B	118	118	118	118	118	118	118	118	118	118
20 TOTAL DEDICATED RESOURCES		237	248	257	265	276	277	277	276	277	277

TABLE D-8 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
NONDEDICATED RESOURCES										
21 M HYDRO, ROCK ISLAND SHARE	9	10	10	10	10	10	10	10	10	10
22 CONT OUT, CHL TO PGE,C/N X	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 CONT IN, PGE TO CHL,C/N X	3	3	3	3	3	4	4	4	4	4
24 TOTAL NONDEDICATED RES	10	11	11	11	11	12	12	12	12	12
25 TOTAL RESOURCES	247	258	268	276	287	289	289	288	289	289

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
COWLITZ											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN 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	15	15	15	15	15	15	15	15	15	15
4 SWIFT 2 SHARE	5B1B	6	6	6	6	6	6	6	6	6	6
5 TOTAL HYDRO		42	42	42	42	42	42	42	42	42	42
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
6 CANADIAN ENTIT (CSPE)	5B1A	-1	0	0	-1	-1	-1	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	5B1A	4	4	4	4	4	4	4	4	4	4
9 TOTAL CONTRACTS OUT		3	4	4	3	3	3	4	4	4	4
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	8	8	7	7	7	7	6	6	5	3
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		8	8	7	7	7	7	6	6	5	3
TOTAL DEDICATED RESOURCES											
13 RESOURCE USED 79-80,	5B1A	32	33	32	31	31	31	31	31	30	28
14 OTHER RESOURCES	5B1B	21	21	21	21	21	21	21	21	21	21
15 TOTAL DEDICATED RESOURCES		53	54	53	52	52	52	52	52	51	49
NONDEDICATED RESOURCES											
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		53	54	53	52	52	52	52	52	51	49

SECTION VII - CAPACITY STUDY

LOAD-RESOURCE ANALYSIS OF MAJOR SUPPLY GROUPS

SECTION VIII - CAPACITY STUDY

INDIVIDUAL UTILITY LOAD-RESOURCE ANALYSIS

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
COWLITZ											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 WANAPUM SHARE	5B1A	11	11	11	11	11	11	11	11	11	3
2 PRIEST RAPIDS SHARE	5B1A	10	10	10	10	10	3	0	0	0	0
3 SWIFT 1 SHARE	5B1B	15	15	15	15	15	15	15	15	15	15
4 SWIFT 2 SHARE	5B1B	6	6	6	6	6	6	6	6	6	6
5 TOTAL HYDRO		42	42	42	42	42	35	32	32	32	24
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
6 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	0	0	-1	-1	-1	-1	-1	-1	-1	0
8 RESTORATION	5B1A	4	4	4	4	4	4	4	4	4	4
9 TOTAL CONTRACTS OUT		4	4	3	3	3	3	3	3	3	4
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	3	2	2	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS IN		3	2	2	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
13 RESOURCE USED 79-80,	5B1A	28	27	25	23	23	16	13	13	13	7
14 OTHER RESOURCES	5B1B	21	21	21	21	21	21	21	21	21	21
15 TOTAL DEDICATED RESOURCES		49	48	47	45	45	38	35	35	35	28
NONDEDICATED RESOURCES											
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		49	48	47	45	45	38	35	35	35	28

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
DOUGLAS											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 WELLS SHARE	5B1A	22	22	22	22	22	22	22	22	22	22
2 WELLS SHARE	5B1B	52	52	52	52	52	52	52	52	52	52
3 ROCKY REACH SHARE	5B1A	16	16	16	16	16	16	16	16	16	16
4 TOTAL HYDRO		90	90	90	90	90	90	90	90	90	90
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
5 CANADIAN ENTIT (CSPE)	5B1A	-4	-5	-5	-4	-4	-3	-3	-4	-2	-1
6 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	-2	-5
7 RESTORATION	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-6	-7	-7	-6	-6	-5	-5	-6	-6	-8
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	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	1	1	1	1	1	1	0	0	0
TOTAL DEDICATED RESOURCES											
14 RESOURCES USED 79-80	5B1A	33	32	32	33	33	34	34	32	30	25
15 OTHER RESOURCES	5B1B	52	52	52	52	52	52	52	52	52	52
16 TOTAL DEDICATED RESOURCES		85	84	84	85	85	86	86	84	84	82
NONDEDICATED RESOURCES											
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		85	84	84	85	85	86	86	84	84	82

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
DOUGLAS											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 WELLS SHARE	5B1A	22	22	22	22	22	22	22	22	22	22
2 WELLS SHARE	5B1B	52	52	52	52	52	52	52	52	52	52
3 ROCKY REACH SHARE	5B1A	16	16	16	16	16	16	16	16	16	16
4 TOTAL HYDRO		90	90	90	90	90	90	90	90	90	90
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
5 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	0	0	0	0	0	0	0
6 CANADIAN ENTITL (CAN)	5B1A	-4	-5	-6	-8	-8	-8	-8	-8	-8	-7
7 RESTORATION	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8 DOUG TO CHEL,C/N XCHG	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 TOTAL CONTRACTS OUT		-7	-8	-9	-10	-10	-10	-10	-10	-10	-9
CONTRACTS IN											
10 CSPE PURCHASE	5B1A	0	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		0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
14 RESOURCES USED 79-80	5B1A	27	25	23	20	20	20	20	20	20	22
15 OTHER RESOURCES	5B1B	52	52	52	52	52	52	52	52	52	52
16 TOTAL DEDICATED RESOURCES		83	82	81	80	80	80	80	80	80	81
NONDEDICATED RESOURCES											
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		83	82	81	80	80	80	80	80	80	81

TABLE D-10

SHEET 1 OF 2

EUGENE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
EUGENE											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SMITH CREEK	5B1B	8	8	8	8	8	8	8	8	8	8
MAIN HYDRO											
2 CARMEN-SMITH	5B1A	16	16	16	16	16	16	16	16	16	16
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	8	8	8	8	8	8	8	8	8	8
5 WATERVILLE	5B1A	5	5	5	5	5	5	5	5	5	5
6 WANAPUM DED SHARE	5B1A	8	8	8	8	8	8	8	8	8	8
7 PRIEST RAPIDS DED SHR	5B1A	7	7	7	7	7	7	7	7	7	7
8 TOTAL HYDRO		56	56	56	56	56	56	56	56	56	56
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
9 CANADIAN ENTIT (CSPE)	5B1A	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
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0
CONTRACTS IN											
13 CSPE PURCHASE	5B1A	18	17	17	16	15	14	14	13	10	6
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		18	17	17	16	15	14	14	13	10	6
TOTAL DEDICATED RESOURCES											
16 RESOURCES USED 79-80	5B1A	66	65	65	64	63	62	62	61	58	54
17 OTHER RESOURCES	5B1B	8	8	8	8	8	8	8	8	8	8
18 TOTAL DEDICATED RESOURCES		74	73	73	72	71	70	70	69	66	62

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
NONDEDICATED RESOURCES										
19 M HYDRO, WANAPUM SHARE	2	2	2	2	2	2	2	2	2	2
20 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	1	1	1	1
21 COGEN, WEYCO ENERGY CTR	14	14	14	14	14	14	14	14	14	14
22 COGEN, WILL STEAM PLT	20	20	20	20	20	20	20	20	20	20
23 TOTAL NONDEDICATED RES	37	37	37	37	37	37	37	37	37	37
24 TOTAL RESOURCES	111	110	110	109	108	107	107	106	103	99

TABLE D-10

EUGENE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
EUGENE DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 SMITH CREEK	5B1B	8	8	8	8	8	8	8	8	8	8
MAIN HYDRO											
2 CARMEN-SMITH	5B1A	16	16	16	16	16	16	16	16	16	16
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	8	8	8	8	8	8	8	8	8	8
5 WATERVILLE	5B1A	5	5	5	5	5	5	5	5	5	5
6 WANAPUM DED SHARE	5B1A	8	8	8	8	8	8	8	8	8	2
7 PRIEST RAPIDS DED SHR	5B1A	7	7	7	7	7	2	0	0	0	0
8 TOTAL HYDRO		56	56	56	56	56	52	49	49	49	43
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
9 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
10 CANADIAN ENTITL (CAN)	5B1A	0	0	0	-1	-1	-1	-1	-1	-1	0
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		0	0	0	-1	-1	-1	-1	-1	-1	0
CONTRACTS IN											
13 CSPE PURCHASE	5B1A	5	5	4	0	0	0	0	0	0	0
14 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
15 TOTAL CONTRACTS IN		5	5	4	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
16 RESOURCES USED 79-80	5B1A	53	53	52	47	47	43	40	40	40	35
17 OTHER RESOURCES	5B1B	8	8	8	8	8	8	8	8	8	8
18 TOTAL DEDICATED RESOURCES		61	61	60	55	55	51	48	48	48	43

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
NONDEDICATED RESOURCES										
19 M HYDRO, WANAPUM SHARE	2	2	2	2	2	2	2	2	2	1
20 M HYDRO,PRIEST RAPIDS SHARE	1	1	1	1	1	1	0	0	0	0
21 COGEN, WEYCO ENERGY CTR	14	14	14	14	14	14	14	14	14	14
22 COGEN, WILL STEAM PLT	20	20	20	20	20	20	20	20	20	20
23 TOTAL NONDEDICATED RES	37	37	37	37	37	36	36	36	36	35
24 TOTAL RESOURCES	98	98	97	92	92	87	84	84	84	78

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
GRANT DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 WANAPUM SHARE	5B1A	77	77	77	77	77	77	77	77	77	77
2 WANAPUM SHARE	5B1B	62	62	62	62	62	62	62	62	62	62
3 PRIEST RAPIDS SHARE	5B1A	92	92	92	92	92	92	92	92	92	92
4 PRIEST RAPIDS DED SHR	5B1B	65	65	65	65	65	65	65	65	65	65
5 TOTAL HYDRO		296	296	296	296	296	296	296	296	296	296
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
6 CANADIAN ENTIT (CSPE)	5B1A	-10	-9	-9	-8	-7	-6	-6	-6	-5	-3
7 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	-1	-4	-9
8 RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0
10 TOTAL CONTRACTS OUT		-13	-12	-12	-11	-10	-9	-9	-10	-12	-15
CONTRACTS IN											
11 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	0
12 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		1	1	1	1	1	1	1	1	1	0
TOTAL DEDICATED RESOURCES											
14 RESOURCES USED 79-80	5B1A	157	158	158	159	160	161	161	159	154	145
15 OTHER RESOURCES	5B1B	127	127	127	127	127	127	127	127	127	127
16 TOTAL DEDICATED RESOURCES		284	285	285	286	287	288	288	287	285	281
NONDEDICATED RESOURCES											
17 HYDRO IND, QUINCY CHUTE		3	3	3	3	3	3	3	3	3	3
18 HYDRO IND, PEC HEADWORKS		3	3	3	3	3	3	3	3	3	3
19 M HYDRO, WANAPUM SHARE		16	16	16	16	16	16	16	16	16	16
20 M HYDRO, PRIEST RAPIDS		17	17	17	17	17	17	17	17	17	17
21 CONT OUT, GRANT TO PP&L,PS		-10	-10	-10	-10	-10	-10	-10	-10	-2	0
22 TOTAL NONDEDICATED RES		29	29	29	29	29	29	29	29	37	39
23 TOTAL RESOURCES		313	314	314	315	316	317	317	316	322	320

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
GRANT DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 WANAPUM SHARE	5B1A	77	77	77	77	77	77	77	77	77	77
2 WANAPUM SHARE	5B1B	62	62	62	62	62	62	62	62	62	62
3 PRIEST RAPIDS SHARE	5B1A	92	92	92	92	92	92	92	92	92	92
4 PRIEST RAPIDS DED SHR	5B1B	65	65	65	65	65	65	65	65	65	65
5 TOTAL HYDRO		296	296	296	296	296	296	296	296	296	296
LARGE THERMAL											
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
6 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-2	0	0	0	0	0	0	0
7 CANADIAN ENTITL (CAN)	5B1A	-9	-9	-11	-16	-16	-24	-28	-26	-26	-36
8 RESTORATION	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0
10 TOTAL CONTRACTS OUT		-15	-15	-16	-19	-19	-27	-31	-29	-29	-39
CONTRACTS IN											
11 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0
12 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
13 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
14 RESOURCES USED 79-80	5B1A	145	145	142	134	134	118	110	114	114	94
15 OTHER RESOURCES	5B1B	127	127	127	127	127	127	127	127	127	127
16 TOTAL DEDICATED RESOURCES		281	281	280	277	277	269	265	267	267	257
NONDEDICATED RESOURCES											
17 HYDRO IND, QUINCY CHUTE		3	3	3	3	3	3	3	3	3	3
18 HYDRO IND, PEC HEADWORKS		3	3	3	3	3	3	3	3	3	3
19 M HYDRO, WANAPUM SHARE		16	16	16	16	16	16	16	16	16	201
20 M HYDRO, PRIEST RAPIDS		17	17	17	17	17	221	319	319	319	319
21 CONT OUT, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0
22 TOTAL NONDEDICATED RES		39	39	39	39	39	243	341	341	341	526
23 TOTAL RESOURCES		320	320	319	316	316	512	606	608	608	783

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
PEND OREILLE DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CALISPEL CREEK	5B1A	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
2 BOX CANYON DED SHARE	5B1A	29	31	30	30	31	33	33	33	33	33
3 TOTAL HYDRO		29	31	30	30	31	33	33	33	33	33
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	-15	-15	-15	-15	-15	-12	-12	-12	-12	-12
6 TOTAL CONTRACTS OUT		-15	-15	-15	-15	-15	-12	-12	-12	-12	-12
CONTRACTS IN											
7 CSPE PURCHASE	5B1A	1	1	1	1	1	1	0	0	0	0
8 TOTAL CONTRACTS IN		1	1	1	1	1	1	0	0	0	0
TOTAL DEDICATED RESOURCES											
9 RESOURCES USED 79-80	5B1A	15	17	16	16	17	22	21	21	21	21
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		15	17	16	16	17	22	21	21	21	21
NONDEDICATED RESOURCES											
12 M.HYD.,BOX CANYON AF ENC.PD		20	18	19	19	18	16	16	16	16	16
13 C.I., SCL TO PEND O ,PWR SA		19	20	20	20	21	23	23	23	23	23
14 TOTAL NONDEDICATED RES		39	38	39	39	39	39	39	39	39	39
15 TOTAL RESOURCES		54	55	55	55	56	61	60	60	60	60

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
PEND OREILLE DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CALISPEL CREEK	5B1A	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
2 BOX CANYON DED SHARE	5B1A	36	36	36	36	36	43	43	43	43	43
3 TOTAL HYDRO		36	36	36	36	36	43	43	43	43	43
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	-9	-9	-9	-9	-9	0	0	0	0	0
6 TOTAL CONTRACTS OUT		-9	-9	-9	-9	-9	0	0	0	0	0
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 RESOURCES USED 79-80	5B1A	27	27	27	27	27	43	43	43	43	43
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		27	27	27	27	27	43	43	43	43	43
NONDEDICATED RESOURCES											
12 M.HYD.,BOX CANYON AF ENC.PD		13	13	13	13	13	6	6	6	6	6
13 C.I., SCL TO PEND O ,PWR SA		26	26	26	26	26	33	33	33	33	33
14 TOTAL NONDEDICATED RES		39	39	39	39	39	39	39	39	39	39
15 TOTAL RESOURCES		66	66	66	66	66	82	82	82	82	82

TABLE D-13

SEATTLE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
SEATTLE DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CEDAR FALLS,NEWHALEM	5B1A	9	9	9	9	9	9	9	9	9	9
2 R.D. SMITH SHARE	5B1B	1	1	1	1	1	1	1	1	1	1
3 PEC 66.0 SHARE	5B1B	1	1	1	1	1	1	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	0	0	0	0	0	0	0	0	0	0
5 SUMMER FALLS SHARE	5B1B	18	18	18	18	18	18	18	18	18	18
6 MAIN CANAL HDWKS SHR	5B1B	5	5	5	5	5	5	5	5	5	5
7 LUCKY PEAK	5B1B	29	29	29	29	29	29	29	29	29	29
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
9 ROSS	5B1A	74	74	74	74	74	74	74	74	74	74
10 DIABLO	5B1A	87	87	87	87	87	87	87	87	87	87
11 GORGE	5B1A	98	98	98	98	98	98	98	98	98	98
12 BOUNDARY	5B1A	337	337	337	337	337	337	337	337	337	337
13 BOUNDARY EXPANSION	5B1B	4	4	4	4	4	4	4	4	4	4
14 PRIEST RADIPS SHARE	5B1A	38	38	38	38	38	38	38	38	38	38
15 TOTAL HYDRO		701	701	701	701	701	701	701	701	701	701
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	89	83	89	87	89	84	89	84	89	87
17 TOTAL LARGE THERMAL		89	83	89	87	89	84	89	84	89	87
OTHER RESOURCES											
18 COGEN, METRO WESTPT	5B1B	1	1	1	1	1	1	1	1	1	1
19 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1
EXPORTS											
IMPORTS											
20 BC TO SCL,ROSS RPLC	5B1B	35	36	36	36	36	36	36	36	36	36
21 TOTAL IMPORTS		35	36	36	36	36	36	36	36	36	36
CONTRACTS OUT											
22 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	0	0
23 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	-1
24 SCL TO PEND O, PS	5B1A	-19	-20	-20	-20	-21	-23	-23	-23	-23	-23
25 RESTORATION	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
26 TOTAL CONTRACTS OUT		-21	-22	-22	-22	-23	-25	-25	-25	-24	-25

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	41	39	38	36	35	33	31	30	23	13
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 PEND O TO SCL,PWR SALE	5B1A	15	15	15	15	15	12	12	12	12	12
30 TOTAL CONTRACTS IN		56	54	53	51	50	45	43	42	35	25
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	767	758	763	759	759	747	750	744	743	730
32 OTHER RESOURCES	5B1B	95	96	96	96	96	96	96	96	96	96
33 TOTAL DEDICATED RESOURCES		861	853	858	854	854	842	845	839	838	825
NONDEDICATED RESOURCES											
34 SM THRM & MISC, BOUNDARY		0	0	1	0	0	0	1	1	1	1
35 IMP, PG&E TO SCL,CAP/NRG X		0	0	0	30	30	30	30	30	30	30
36 EXP, SCL TO PG&E,CAP/NRG X		0	0	0	-7	-30	-30	-30	-30	-30	-30
37 C.O., SCL TO ID, NRG SALE		-12	-12	-11	-11	1	0	0	0	0	0
38 C.I., ID TO SCL, NRG SALE		14	13	13	5	0	0	1	0	0	0
37 TOTAL NONDEDICATED RES		2	1	3	17	1	0	2	1	1	1
38 TOTAL RESOURCES		863	854	861	871	855	842	847	840	839	826

TABLE D-13

SHEET 1 OF 2

SEATTLE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
SEATTLE DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 CEDAR FALLS,NEWHALEM	5B1A	9	9	9	9	9	9	9	9	9	9
2 R.D. SMITH SHARE	5B1B	1	1	1	1	1	1	1	1	1	1
3 PEC 66.0 SHARE	5B1B	1	1	1	1	1	1	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	0	0	0	0	0	0	0	0	0	0
5 SUMMER FALLS SHARE	5B1B	18	18	18	18	18	18	18	18	18	18
6 MAIN CANAL HDWKS SHR	5B1B	5	5	5	5	5	5	5	5	5	5
7 LUCKY PEAK	5B1B	29	29	29	29	29	29	29	29	29	29
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO											
9 ROSS	5B1A	74	74	74	74	74	74	74	74	74	74
10 DIABLO	5B1A	87	87	87	87	87	87	87	87	87	87
11 GORGE	5B1A	98	98	98	98	98	98	98	98	98	98
12 BOUNDARY	5B1A	337	337	337	337	337	337	337	337	337	337
13 BOUNDARY EXPANSION	5B1B	4	4	4	4	4	4	4	4	4	4
14 PRIEST RADIPS SHARE	5B1A	38	38	38	38	38	12	0	0	0	0
15 TOTAL HYDRO		701	701	701	701	701	675	663	663	663	663
LARGE THERMAL											
16 CENTRALIA SHARE	5B1A	89	84	89	87	89	87	89	89	89	89
17 TOTAL LARGE THERMAL		89	84	89	87	89	87	89	89	89	89
OTHER RESOURCES											
18 COGEN, METRO WESTPT	5B1B	1	1	1	0	0	0	0	0	0	0
19 TOTAL OTHER RESOURCES		1	1	1	0	0	0	0	0	0	0
EXPORTS											
IMPORTS											
20 BC TO SCL,ROSS RPLC	5B1B	36	36	36	36	36	36	36	36	36	36
21 TOTAL IMPORTS		36	36	36	36	36	36	36	36	36	36
CONTRACTS OUT											
22 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
23 CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-2	-2	-1	0	0	0	0
24 SCL TO PEND O, PS	5B1A	-26	-26	-26	-26	-26	-33	-33	-33	-33	-33
25 RESTORATION	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
26 TOTAL CONTRACTS OUT		-28	-28	-28	-29	-29	-35	-34	-34	-34	-34

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS IN											
27 CSPE PURCHASE	5B1A	12	12	9	0	0	0	0	0	0	0
28 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
29 PEND O TO SCL,PWR SALE	5B1A	9	9	9	9	9	0	0	0	0	0
30 TOTAL CONTRACTS IN		21	21	18	9	9	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
31 RESOURCES USED 79-80	5B1A	725	720	722	710	712	669	660	660	660	660
32 OTHER RESOURCES	5B1B	96	96	96	95	95	95	95	95	95	95
33 TOTAL DEDICATED RESOURCES		820	815	817	804	806	763	754	754	754	754
NONDEDICATED RESOURCES											
34 SM THRM & MISC, BOUNDARY		0	1	0	1	1	0	1	1	0	1
35 IMP, PG&E TO SCL,CAP/NRG X		30	30	30	30	30	30	30	30	30	30
36 EXP, SCL TO PG&E,CAP/NRG X		-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
37 C.O., SCL TO ID, NRG SALE		1	1	1	1	1	0	0	0	1	1
38 C.I., ID TO SCL, NRG SALE		0	0	1	0	0	0	0	0	0	0
37 TOTAL NONDEDICATED RES		1	2	2	2	2	0	1	1	1	2
38 TOTAL RESOURCES		821	817	819	806	808	763	755	755	755	756

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
SNOHOMISH DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 JACKSON	5B1B	40	40	40	40	40	40	40	40	40	40
MAIN HYDRO											
TOTAL HYDRO		40	40	40	40	40	40	40	40	40	40
LARGE THERMAL											
2 CENTRALIA SHARE	5B1B	89	84	89	87	89	83	89	83	89	87
3 TOTAL LARGE THERMAL		89	84	89	87	89	83	89	83	89	87
OTHER RESOURCES											
4 PURPA RESOURCES	5B1B	0	0	0	1	0	0	0	0	0	1
5 TOTAL OTHER RESOURCES		0	0	0	1	0	0	0	0	0	1
EXPORTS											
IMPORTS											
CONTRACTS OUT											
CONTRACTS IN											
6 CSPE PURCHASE	5B1A	5	5	4	4	4	4	4	3	3	1
7 BPA TO SNOH,PKWD LAKE	5B1A	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		5	5	4	4	4	4	4	3	3	1
TOTAL DEDICATED RESOURCES											
9 RESOURCES USED 79-80	5B1A	5	5	4	4	4	4	4	3	3	1
10 OTHER RESOURCES	5B1B	129	124	129	128	129	123	129	123	129	128
11 TOTAL DEDICATED RESOURCES		134	129	133	132	133	127	133	126	132	129
NONDEDICATED RESOURCES											
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		134	129	133	132	133	127	133	126	132	129

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
SNOHOMISH DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
1 JACKSON	5B1B	40	40	40	40	40	40	40	40	40	40
MAIN HYDRO											
TOTAL HYDRO		40	40	40	40	40	40	40	40	40	40
LARGE THERMAL											
2 CENTRALIA SHARE	5B1B	89	83	89	87	89	87	89	89	89	89
3 TOTAL LARGE THERMAL		89	83	89	87	89	87	89	89	89	89
OTHER RESOURCES											
4 PURPA RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0
5 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0
EXPORTS											
IMPORTS											
CONTRACTS OUT											
CONTRACTS IN											
6 CSPE PURCHASE	5B1A	2	1	1	0	0	0	0	0	0	0
7 BPA TO SNOH,PKWD LAKE	5B1A	0	0	0	0	0	0	0	0	0	0
8 TOTAL CONTRACTS IN		2	1	1	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
9 RESOURCES USED 79-80	5B1A	2	1	1	0	0	0	0	0	0	0
10 OTHER RESOURCES	5B1B	129	123	129	127	129	127	129	129	129	129
11 TOTAL DEDICATED RESOURCES		131	124	130	127	129	127	129	129	129	129
NONDEDICATED RESOURCES											
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		131	124	130	127	129	127	129	129	129	129

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
TACOMA											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 CUSHMAN 1	5B1A	11	11	11	11	11	11	11	11	11	11
2 CUSHMAN 2	5B1A	25	25	25	25	25	25	25	25	25	25
3 ALDER	5B1A	19	19	19	19	19	19	19	19	19	19
4 LA GRANDE	5B1A	34	34	34	34	34	34	34	34	34	34
5 MOSSYROCK	5B1A	94	94	94	94	94	94	94	94	94	94
6 MAYFIELD	5B1A	67	67	67	67	67	67	67	67	67	67
7 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0
8 PRIEST RAPIDS SHARE	5B1A	38	38	38	38	38	38	38	38	38	38
9 TOTAL HYDRO		288	288	288	288	288	288	288	288	288	288
LARGE THERMAL											
10 CENTRALIA SHARE	5B1B	89	83	89	87	89	84	89	83	89	87
11 TOTAL LARGE THERMAL		89	83	89	87	89	84	89	83	89	87
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
12 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	0
13 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	-1
14 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN											
15 CSPE PURCHASE	5B1B	18	18	18	18	18	18	18	18	17	13
16 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	17	13
TOTAL DEDICATED RESOURCES											
19 RESOURCES USED 79-80	5B1A	287	287	287	287	287	287	287	287	287	287
20 OTHER RESOURCES	5B1B	107	101	107	105	107	102	107	101	106	100
21 TOTAL DEDICATED RESOURCES		394	388	394	392	394	389	394	388	393	387

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
NONDEDICATED RESOURCES										
22 HY IND, R.D.SMITH SHARE	1	1	1	1	1	1	1	1	1	1
23 HY IND, PEC 66.0 SHARE	1	1	1	1	1	1	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	0	0	0	0	0	0	0	0	0	0
25 HY IND, SUMMER FALLS SHR	18	18	18	18	18	18	18	18	18	18
26 HY IND, MAIN CANAL HEAD	5	5	5	5	5	5	5	5	5	5
27 HY IND, HOOD STREET	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
29 COGEN, STEAM PLANT 2	32	32	32	32	32	32	32	32	32	32
30 CSPE PURCHASE	23	21	20	18	16	15	13	12	6	0
31 TOTAL NONDEDICATED RES	41	39	38	36	34	33	31	30	24	19
32 TOTAL RESOURCES	435	427	432	428	428	422	425	418	417	405

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
TACOMA											
DEDICATED RESOURCES											
HYDRO INDEPENDENTS											
MAIN HYDRO											
1 CUSHMAN 1	5B1A	11	11	11	11	11	11	11	11	11	11
2 CUSHMAN 2	5B1A	25	25	25	25	25	25	25	25	25	25
3 ALDER	5B1A	19	19	19	19	19	19	19	19	19	19
4 LA GRANDE	5B1A	34	34	34	34	34	34	34	34	34	34
5 MOSSYROCK	5B1A	94	94	94	94	94	94	94	94	94	94
6 MAYFIELD	5B1A	67	67	67	67	67	67	67	67	67	67
7 MAYFIELD	5B1B	0	0	0	0	0	0	0	0	0	0
8 PRIEST RAPIDS SHARE	5B1A	38	38	38	38	38	12	0	0	0	0
9 TOTAL HYDRO		288	288	288	288	288	262	250	250	250	250
LARGE THERMAL											
10 CENTRALIA SHARE	5B1B	89	84	89	87	89	87	89	89	89	89
11 TOTAL LARGE THERMAL		89	84	89	87	89	87	89	89	89	89
OTHER RESOURCES											
EXPORTS											
IMPORTS											
CONTRACTS OUT											
12 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0
13 CANADIAN ENTITL (CAN)	5B1A	-1	-1	-1	-1	-1	-1	0	0	0	0
14 TOTAL CONTRACTS OUT		-1	-1	-1	-1	-1	-1	0	0	0	0
CONTRACTS IN											
15 CSPE PURCHASE	5B1B	12	12	9	0	0	0	0	0	0	0
16 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		12	12	9	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES											
19 RESOURCES USED 79-80	5B1A	287	287	287	287	287	261	250	250	250	250
20 OTHER RESOURCES	5B1B	101	96	98	87	89	87	89	89	89	89
21 TOTAL DEDICATED RESOURCES		388	383	385	374	376	348	339	339	339	339

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES

MEGAWATTS	OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
NONDEDICATED RESOURCES										
22 HY IND, R.D.SMITH SHARE	1	1	1	1	1	1	1	1	1	1
23 HY IND, PEC 66.0 SHARE	1	1	1	1	1	1	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	0	0	0	0	0	0	0	0	0	0
25 HY IND, SUMMER FALLS SHR	18	18	18	18	18	18	18	18	18	18
26 HY IND, MAIN CANAL HEAD	5	5	5	5	5	5	5	5	5	5
27 HY IND, HOOD STREET	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40
29 COGEN, STEAM PLANT 2	32	32	32	32	32	32	32	32	32	32
30 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0
31 TOTAL NONDEDICATED RES	18	18	19	18	18	18	18	18	18	18
32 TOTAL RESOURCES	406	401	403	392	394	366	357	357	357	357

TABLE D-16

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR

	MEGAWATTS			OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
SMALL & NONGEN PUBLIC UTILITIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1	MOYIE SPRINGS	BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2
2	YELM	CENTRAL	5B1A	9	9	9	9	9	9	9	9	9	9
3	STRAWBERRY	LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2
4	GEM STATE HYDRO	CIDFL	5B1B	14	14	14	14	14	14	14	14	14	14
MAIN HYDRO															
5	WELLS OKANOGAN SHARE		5B1A	6	6	6	6	6	6	6	6	6	6
6	WELLS OKANOGAN SHARE		5B1B	43	43	43	43	43	43	43	43	43	43
7	WANAPUM F GROVE SHARE		5B1A	3	3	3	3	3	3	3	3	3	3
8	WANAPUM MCMINN SHARE		5B1A	3	3	3	3	3	3	3	3	3	3
9	WANAPUM M FREE SHARE		5B1A	3	3	3	3	3	3	3	3	3	3
10	PRIEST R. F GROVE SHR		5B1A	2	2	2	2	2	2	2	2	2	2
11	PRIEST R. MCMINN SHARE		5B1A	2	2	2	2	2	2	2	2	2	2
12	PRIEST R. M FREE SHARE		5B1A	3	3	3	3	3	3	3	3	3	3
13	PRIEST R. KITATS SHARE		5B1A	2	2	2	2	2	2	2	2	2	2
14	TOTAL HYDRO			94	94	94	94	94	94	94	94	94	94
LARGE THERMAL															
OTHER RESOURCES															
15	COGEN, G WEST MLT CLRK		5B1B	18	18	15	18	9	0	0	0	0	0
16	RENEW, SHORT MT	EMRLD	5B1B	2	2	2	2	2	2	2	2	3	3
17	PURPA RESOURCES		5B1B	16	16	16	16	16	16	16	16	16	16
18	TOTAL OTHER RESOURCES			36	36	33	36	27	18	18	18	19	19
EXPORTS															
19	CIDFL TO UTAH,GEM ST HY		5B1B	-5	-5	-5	-5	-4	-4	-4	-4	-4	-4
20	TOTAL EXPORTS			-5	-5	-5	-5	-4	-4	-4	-4	-4	-4
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
21	PRIEST R. F GROVE CER		5B1A	0	0	0	0	0	0	0	0	0	0
22	PRIEST R. MCMINN CER		5B1A	0	0	0	0	0	0	0	0	0	0
23	PRIEST R. M FREE CER		5B1A	0	0	0	0	0	0	0	0	0	0
24	PRIEST R. KITITS CER		5B1A	0	0	0	0	0	0	0	0	0	0
25	WANAPUM F GROV CER		5B1A	0	0	0	0	0	0	0	0	0	0
26	WANAPUM MCMINN CER		5B1A	0	0	0	0	0	0	0	0	0	0
27	WANAPUM M FREE CER		5B1A	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR

MEGAWATTS		OPERATING LEVEL 1990-91 AVG	1991-92 AVG	1992-93 AVG	1993-94 AVG	1994-95 AVG	1995-96 AVG	1996-97 AVG	1997-98 AVG	1998-99 AVG	1999- 0 AVG
CONTRACTS OUT (CONTINUED)											
CANADIAN ENTITLEMENT RETURN FOR CSPE											
28 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0
29 WELLS OKANOG CER	5B1B	-3	-2	-2	-2	-2	-2	-2	-2	-2	-1
CANADIAN ENTITLEMENT RETURN TO CANADA											
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0
38 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	-1	-2
39 TOTAL CONTRACTS OUT		-3	-2	-2	-2	-2	-2	-2	-2	-3	-3
CONTRACTS IN											
40 CSPE PURCHSE	5B1A	45	43	41	39	37	36	35	33	26	14
41 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
42 BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0
43 BPA TO CLK,PKWD LAKE	5B1B	0	0	0	0	0	0	0	0	0	1
44 TOTAL CONTRACTS IN		45	43	41	39	37	36	35	33	26	15
TOTAL DEDICATED RESOURCES											
45 RESOURCES USED 79-80	5B1A	82	80	78	76	74	73	72	70	63	51
46 OTHER RESOURCES	5B1B	86	87	84	86	78	69	69	69	70	71
47 TOTAL DEDICATED RESOURCES		167	166	161	162	152	142	141	139	132	121
NONDEDICATED RESOURCES											
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	40	40	40	40	40	39	40	40	40	40
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO	PSP&L	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
55 PURPA RESOURCES	N WAS	13	13	13	13	13	13	13	13	13	13
56 TOTAL NONDEDICATED RES		52	52	52	52	52	51	52	52	52	52
57 TOTAL RESOURCES		219	218	213	214	204	193	193	191	184	173

TABLE D-16

SHEET 1 OF 2

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR

MEGAWATTS			OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
SMALL & NONGEN PUBLIC UTILITIES DEDICATED RESOURCES												
HYDRO INDEPENDENTS												
1 MOYIE SPRINGS	BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2
2 YELM	CENTRAL	5B1A	9	9	9	9	9	9	9	9	9	9
3 STRAWBERRY	LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2
4 GEM STATE HYDRO	CIDFL	5B1B	14	14	14	14	14	14	14	14	14	14
MAIN HYDRO												
5 WELLS OKANOGAN SHARE		5B1A	6	6	6	6	6	6	6	6	6	6
6 WELLS OKANOGAN SHARE		5B1B	43	43	43	43	43	43	43	43	43	43
7 WANAPUM F GROVE SHARE		5B1A	3	3	3	3	3	3	3	3	3	1
8 WANAPUM MCMINN SHARE		5B1A	3	3	3	3	3	3	3	3	3	1
9 WANAPUM M FREE SHARE		5B1A	3	3	3	3	3	3	3	3	3	1
10 PRIEST R. F GROVE SHR		5B1A	2	2	2	2	2	1	0	0	0	0
11 PRIEST R. MCMINN SHARE		5B1A	2	2	2	2	2	1	0	0	0	0
12 PRIEST R. M FREE SHARE		5B1A	3	3	3	3	3	1	0	0	0	0
13 PRIEST R. KITATS SHARE		5B1A	2	2	2	2	2	0	0	0	0	0
14 TOTAL HYDRO			94	94	94	94	94	88	85	85	85	79
LARGE THERMAL												
OTHER RESOURCES												
15 COGEN, G WEST MLT CLRK		5B1B	0	0	0	0	0	0	0	0	0	0
16 RENEW, SHORT MT	EMRLD	5B1B	3	3	3	3	3	3	3	3	3	3
17 PURPA RESOURCES		5B1B	16	16	16	16	16	16	16	16	16	16
18 TOTAL OTHER RESOURCES			19	19	19	19	19	19	19	19	19	19
EXPORTS												
19 CIDFL TO UTAH,GEM ST HY		5B1B	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
20 TOTAL EXPORTS			-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
IMPORTS												
CONTRACTS OUT												
CANADIAN ENTITLEMENT RETURN FOR CSPE												
21 PRIEST R. F GROVE CER		5B1A	0	0	0	0	0	0	0	0	0	0
22 PRIEST R. MCMINN CER		5B1A	0	0	0	0	0	0	0	0	0	0
23 PRIEST R. M FREE CER		5B1A	0	0	0	0	0	0	0	0	0	0
24 PRIEST R. KITITS CER		5B1A	0	0	0	0	0	0	0	0	0	0
25 WANAPUM F GROV CER		5B1A	0	0	0	0	0	0	0	0	0	0
26 WANAPUM MCMINN CER		5B1A	0	0	0	0	0	0	0	0	0	0
27 WANAPUM M FREE CER		5B1A	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR

MEGAWATTS		OPERATING LEVEL 2000- 1 AVG	2001- 2 AVG	2002- 3 AVG	2003- 4 AVG	2004- 5 AVG	2005- 6 AVG	2006- 7 AVG	2007- 8 AVG	2008- 9 AVG	2009-10 AVG
CONTRACTS OUT (CONTINUED)											
CANADIAN ENTITLEMENT RETURN FOR CSPE											
28 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0
29 WELLS OKANOG CER	5B1B	-1	-1	-1	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN TO CANADA											
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	0	0	0	-1	-1	-1	-1	-1	-1	-1
38 WELLS OKANOG CER	5B1B	-2	-2	-3	-3	-3	-3	-3	-3	-3	-3
39 TOTAL CONTRACTS OUT		-3	-3	-4	-4	-4	-4	-4	-4	-4	-4
CONTRACTS IN											
40 CSPE PURCHSE	5B1A	14	13	9	0	0	0	0	0	0	0
41 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0
42 BPA TO OTHER PUB,PKWD	5B1A	0	0	0	0	0	0	0	0	0	0
43 BPA TO CLK,PKWD LAKE	5B1B	1	1	0	1	1	1	1	1	1	1
44 TOTAL CONTRACTS IN		15	14	9	1	1	1	1	1	1	1
TOTAL DEDICATED RESOURCES											
45 RESOURCES USED 79-80	5B1A	51	50	46	36	36	30	27	27	27	21
46 OTHER RESOURCES	5B1B	71	71	69	70	70	70	70	70	70	70
47 TOTAL DEDICATED RESOURCES		121	120	114	106	106	100	97	97	97	91
NONDEDICATED RESOURCES											
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	40	40	40	39	40	40	40	40	40	40
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO PSP&L		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
55 PURPA RESOURCES	N WAS	13	13	13	13	13	13	13	13	13	13
56 TOTAL NONDEDICATED RES		52	52	52	51	52	52	52	52	52	52
57 TOTAL RESOURCES		173	172	166	157	158	152	149	149	149	143

SECTION VII - Loads and Resources Tables of the Northwest Region by Major Supply Groups

CAPACITY ANALYSIS

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SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM FIRM LOADS	1/	22416	22260	22260	22686	24812	27154	28910	29921	28705	26174	25151	25151	24009	22936
2 SYSTEM TOTAL LOADS	2/	23384	23231	23231	23656	25774	28118	29860	30880	29665	27133	26107	26107	24965	23882
3 EXPORTS	3/	2106	2120	2120	2056	1937	953	973	958	936	856	834	909	1106	1749
4 FED DIVERSITY	4/	-1158	-1168	-1163	-1209	-1244	-1169	-866	-887	-846	-1126	-1041	-1039	-1181	-1181
5 FIRM LOADS		23363	23212	23217	23533	25504	26938	29018	29992	28796	25904	24944	25022	23934	23504
6 TOTAL LOADS		24331	24183	24188	24503	26466	27903	29968	30951	29755	26862	25901	25978	24890	24450
RESOURCES															
7 MAIN HYDRO	5/	31254	31572	31617	31577	31566	31913	31809	31618	31337	30989	30408	30881	30371	30960
8 INDEPENDENT HYDRO	5/	1577	1529	1500	1386	1308	1274	1316	1310	1336	1364	1471	1495	1585	1603
9 SUS. PKNG. ADJUSTMENT	6/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
10 TOTAL HYDRO		27048	28676	27151	27054	27325	29642	31221	30752	29129	29865	28553	30461	31761	27765
11 SMALL THERMAL & MISC	7/	50	48	48	35	39	142	147	153	145	48	48	57	24	21
12 COMBUSTION TURBINES	8/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 RENEWABLES	9/	48	48	48	49	49	49	49	49	49	49	49	49	2	49
14 COGENERATION	10/	125	145	145	146	146	146	127	147	147	146	146	146	146	145
15 IMPORTS	11/	2308	2203	2203	1784	2031	2020	1977	1923	1972	1506	1444	1444	1508	1969
16 CENTRALIA		1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
17 TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
18 JIM BRIDGER		686	686	686	516	686	686	686	686	686	686	514	514	514	688
19 COLSTRIP 1 & 2		378	375	375	372	379	384	392	401	389	376	186	196	201	378
20 BOARDMAN		530	530	530	530	530	530	530	530	530	0	0	530	530	530
21 VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
22 COLSTRIP 3		530	528	528	526	531	534	539	545	537	529	528	0	0	530
23 WNP 2		1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
24 COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	490	0	0
25 FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PURPA RESOURCES	13/	339	337	337	338	339	340	342	343	343	343	343	344	344	343
27 TOTAL RESOURCES		36875	38410	36885	36274	37003	40139	41683	41208	39598	38313	36028	35760	36550	36769
28 HYD,SM THRM & MISC RES	14/	-1698	-1712	-1713	-1710	-1707	-1764	-1760	-1752	-1738	-1672	-1653	-1678	-1653	-1685
29 LARGE THERMAL RESERVES	15/	-1174	-1176	-1176	-1104	-1174	-1173	-1167	-1153	-1154	-1044	-895	-556	-477	-1086
30 BPA SPINNING RESERVES	16/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
31 DSI RESERVES	17/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
22 HYDRO MAINTENANCE	18/	-3721	-4601	-4038	-3787	-3208	-2935	-2037	-1561	-2288	-2630	-2751	-2483	-2360	-2202
33 NET RESOURCES		31222	31839	30904	30620	31853	35164	37551	37565	35285	33805	31574	31689	32657	32671
34 FIRM SURPLUS/DEFICIT		7859	8628	7687	7087	6349	8226	8533	7572	6489	7901	6630	6667	8722	9167
35 TOTAL SURPLUS/DEFICIT		6892	7657	6716	6117	5387	7262	7583	6613	5529	6942	5674	5711	7767	8221

SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S
1995-96 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS																
1	SYSTEM FIRM LOADS	1/	23107	22952	22952	23498	25685	28278	30214	31231	30049	27316	26121	26121	24854	23805
2	SYSTEM TOTAL LOADS	2/	23946	23793	23793	24339	26519	29114	31040	32071	30894	28162	26966	26966	25698	24643
3	EXPORTS	3/	1765	1778	1778	1640	1012	973	994	927	903	824	822	897	1094	1617
4	FED DIVERSITY	4/	-942	-953	-948	-996	-1052	-1035	-780	-799	-762	-983	-900	-898	-1001	-977
5	FIRM LOADS		23931	23778	23783	24141	25645	28216	30429	31359	30190	27157	26043	26121	24947	24445
6	TOTAL LOADS		24769	24619	24624	24983	26479	29053	31255	32199	31036	28003	26888	26966	25791	25284
RESOURCES																
7	MAIN HYDRO	5/	31257	31575	31619	31580	31569	31915	31812	31621	31340	30992	30410	30874	30375	30973
8	INDEPENDENT HYDRO	5/	1581	1533	1503	1390	1312	1277	1320	1315	1340	1368	1474	1486	1590	1620
9	SUS. PKNG. ADJUSTMENT	6/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
10	TOTAL HYDRO		27055	28682	27157	27061	27332	29648	31228	30760	29136	29871	28557	30446	31769	27794
11	SMALL THERMAL & MISC	7/	53	50	50	37	41	145	151	157	149	51	50	50	25	24
12	COMBUSTION TURBINES	8/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13	RENEWABLES	9/	49	49	49	49	49	49	49	49	49	49	49	49	2	49
14	COGENERATION	10/	109	129	129	129	129	129	109	129	129	129	129	129	129	129
15	IMPORTS	11/	1913	1888	1888	1786	1715	2037	2172	2198	2237	1995	1088	1088	1140	1935
16	CENTRALIA		1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
17	TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
18	JIM BRIDGER		688	688	688	688	688	688	688	688	688	516	516	516	516	688
19	COLSTRIP 1 & 2		382	379	379	376	384	388	396	406	394	380	191	187	200	398
20	BOARDMAN		530	530	530	530	530	530	530	530	530	0	0	530	530	530
21	VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
22	COLSTRIP 3		533	531	531	529	535	537	543	549	541	532	531	530	0	0
23	WNP 2		1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
24	COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	0	490	490
25	FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PURPA RESOURCES	13/	346	342	342	343	344	345	347	349	348	348	348	348	350	350
27	TOTAL RESOURCES		36491	38102	36578	36452	36695	40160	41886	41493	39872	38635	35676	35402	36670	36738
28	HYD,SM THRM & MISC RES	14/	-1699	-1713	-1714	-1710	-1708	-1764	-1761	-1753	-1739	-1673	-1653	-1677	-1654	-1687
29	LARGE THERMAL RESERVES	15/	-1148	-1160	-1160	-1160	-1158	-1156	-1149	-1146	-1145	-1042	-844	-509	-495	-1070
30	BPA SPINNING RESERVES	16/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
31	DSI RESERVES	17/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
22	HYDRO MAINTENANCE	18/	-3721	-4601	-4039	-3787	-3208	-2935	-2037	-1561	-2288	-2630	-2751	-2483	-2360	-2202
33	NET RESOURCES		30863	31546	30611	30741	31560	35203	37770	37856	35567	34128	31273	31379	32758	32653
34	FIRM SURPLUS/DEFICIT		6932	7769	6828	6600	5915	6986	7342	6497	5377	6970	5230	5258	7811	8208
35	TOTAL SURPLUS/DEFICIT		6094	6927	5987	5759	5081	6150	6515	5657	4531	6124	4385	4413	6967	7369

SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM FIRM LOADS	1/	24382	24249	24249	24852	27222	29988	32059	33111	31934	28945	27653	27653	26261	25120
2 SYSTEM TOTAL LOADS	2/	25210	25079	25079	25681	28044	30811	32874	33939	32767	29778	28486	28486	27094	25952
3 EXPORTS	3/	2346	2360	2360	2220	1683	1376	1397	1433	1407	1328	1326	1401	1586	2281
4 FED DIVERSITY	4/	-895	-910	-908	-960	-995	-1025	-776	-792	-755	-935	-890	-888	-989	-949
5 FIRM LOADS		25834	25699	25701	26112	27910	30339	32680	33751	32586	29338	28089	28166	26859	26452
6 TOTAL LOADS		26661	26529	26531	26941	28732	31163	33495	34580	33419	30172	28922	29000	27692	27283
RESOURCES															
7 MAIN HYDRO	5/	31274	31591	31636	31597	31587	31931	31829	31637	31355	31007	30420	30894	30395	30991
8 INDEPENDENT HYDRO	5/	1604	1555	1526	1414	1336	1300	1344	1339	1364	1391	1489	1514	1618	1646
9 SUS. PKNG. ADJUSTMENT	6/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
10 TOTAL HYDRO		27095	28722	27197	27101	27373	29687	31269	30799	29176	29910	28582	30493	31817	27839
11 SMALL THERMAL & MISC	7/	71	68	68	50	54	162	169	175	167	69	61	72	32	30
12 COMBUSTION TURBINES	8/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 RENEWABLES	9/	50	50	50	50	50	50	50	50	50	50	50	50	3	50
14 COGENERATION	10/	109	129	129	129	129	129	109	129	129	129	129	129	129	129
15 IMPORTS	11/	1887	1847	1847	1672	1653	1978	2103	2116	2161	1913	1018	1018	1554	1585
16 CENTRALIA		1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
17 TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
18 JIM BRIDGER		688	688	688	516	688	688	688	688	688	516	516	516	516	516
19 COLSTRIP 1 & 2		409	405	405	403	412	414	424	433	421	406	395	411	0	216
20 BOARDMAN		530	530	530	530	530	530	530	530	530	0	0	530	530	530
21 VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
22 COLSTRIP 3		551	549	549	547	553	554	561	567	559	549	542	0	569	563
23 WNP 2		1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
24 COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	490	0	0
25 FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 PURPA RESOURCES	13/	351	347	347	348	349	350	353	355	353	353	352	353	356	355
27 TOTAL RESOURCES		36574	38167	36642	36270	36739	40207	41928	41518	39905	38659	35863	35592	37026	36163
28 HYD,SM THRM & MISC RES	14/	-1702	-1716	-1717	-1713	-1711	-1767	-1764	-1756	-1742	-1676	-1655	-1681	-1657	-1690
29 LARGE THERMAL RESERVES	15/	-1147	-1155	-1155	-1121	-1156	-1153	-1146	-1141	-1141	-1036	-866	-526	-540	-980
30 BPA SPINNING RESERVES	16/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
31 DSI RESERVES	17/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
22 HYDRO MAINTENANCE	18/	-3721	-4604	-4042	-3787	-3208	-2935	-2037	-1561	-2289	-2632	-2751	-2483	-2360	-2202
33 NET RESOURCES		30943	31611	30675	30595	31603	35249	37813	37884	35601	34152	31436	31548	33066	32167
34 FIRM SURPLUS/DEFICIT		5110	5912	4974	4483	3693	4910	5133	4133	3015	4815	3347	3382	6207	5715
35 TOTAL SURPLUS/DEFICIT		4283	5082	4144	3654	2871	4086	4317	3304	2181	3981	2514	2548	5374	4883

SUMMARY OF LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS																
1	SYSTEM FIRM LOADS	1/	27332	27220	27220	27953	30738	33200	35447	37782	36529	32984	31482	31482	29782	28458
2	SYSTEM TOTAL LOADS	2/	28160	28050	28050	28783	31561	34025	36263	38611	37364	33818	32316	32316	30615	29290
3	EXPORTS	3/	2436	2449	2449	2306	1770	1751	1774	1811	1788	1703	1701	1776	1936	2146
4	FED DIVERSITY	4/	-1023	-1056	-1056	-1112	-1150	-1144	-867	-888	-845	-1078	-1032	-1030	-1166	-1117
5	FIRM LOADS		28746	28613	28613	29147	31359	33807	36354	38706	37472	33608	32151	32229	30552	29487
6	TOTAL LOADS		29574	29443	29444	29978	32181	34632	37171	39534	38307	34443	32985	33062	31385	30318
RESOURCES																
7	MAIN HYDRO	5/	31303	31620	31664	31625	31616	31959	31858	31664	31383	31033	30455	30920	30443	31032
8	INDEPENDENT HYDRO	5/	1644	1594	1565	1453	1378	1339	1386	1380	1405	1429	1539	1550	1684	1703
9	SUS. PKNG. ADJUSTMENT	6/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
10	TOTAL HYDRO		27163	28789	27264	27169	27444	29753	31340	30868	29244	29974	28666	30556	31931	27937
11	SMALL THERMAL & MISC	7/	101	98	98	72	77	192	201	206	198	98	101	101	46	42
12	COMBUSTION TURBINES	8/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13	RENEWABLES	9/	50	50	50	50	50	50	50	50	50	50	50	50	4	50
14	COGENERATION	10/	63	83	83	83	83	83	63	83	83	83	83	83	83	83
15	IMPORTS	11/	1818	1772	1772	1643	1532	1861	1980	1994	1998	1789	1108	1108	1203	1796
16	CENTRALIA		1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
17	TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
18	JIM BRIDGER		688	688	688	688	688	688	688	688	688	516	516	516	516	688
19	COLSTRIP 1 & 2		455	450	450	448	459	459	472	480	468	451	229	225	255	493
20	BOARDMAN		530	530	530	530	530	530	530	530	530	0	0	530	530	530
21	VALMY		242	242	242	242	121	121	242	242	242	242	242	242	121	121
22	COLSTRIP 3		581	578	578	577	584	584	593	598	590	579	581	581	0	0
23	WNP 2		1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
24	COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	490	0	0
25	FED PLANNED ACQUIS.	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	PURPA RESOURCES	13/	349	344	344	345	346	348	351	352	351	350	349	349	355	353
27	TOTAL RESOURCES		36632	38216	36691	36530	36622	40092	41941	41529	39872	38654	35901	36117	36322	36203
28	HYD,SM THRM & MISC RES	14/	-1707	-1721	-1722	-1718	-1715	-1772	-1769	-1761	-1747	-1680	-1662	-1685	-1663	-1695
29	LARGE THERMAL RESERVES	15/	-1146	-1151	-1151	-1153	-1130	-1127	-1138	-1132	-1126	-1027	-859	-597	-419	-965
30	BPA SPINNING RESERVES	16/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
31	DSI RESERVES	17/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
22	HYDRO MAINTENANCE	18/	-3722	-4609	-4046	-3787	-3208	-2935	-2037	-1561	-2290	-2634	-2751	-2483	-2360	-2202
33	NET RESOURCES		30997	31654	30718	30820	31507	35155	37829	37898	35575	34150	31475	31998	32476	32216
34	FIRM SURPLUS/DEFICIT		2252	3041	2105	1672	148	1348	1474	-808	-1897	541	-676	-231	1924	2729
35	TOTAL SURPLUS/DEFICIT		1424	2210	1275	842	-675	523	658	-1636	-2731	-293	-1510	-1065	1091	1897

REGIONAL FOOTNOTES

FOR TABLE 1

1/ Firm loads for the region include the sum of the estimated firm loads of Federal agencies, public agencies, DSIs, IOUs, and associated transmission losses. Peak loads represent non-coincidental capacity demands adjusted to account for Federal system diversity.

2/ Total loads for the region include system firm loads, plus BPA's nonfirm loads, which include industrial first-quartile loads, associated transmission losses, and Utah Power Company's interruptible load.

3/ Exports from the region by Northwest utilities include BPA's contracts with Northern California public agencies; BPA's surplus firm sales to the cities of Burbank, Glendale and Pasedena, and to Southern California Edison through OY 1999-2000; BPA's capacity sales to the cities of Burbank, Glendale and Pasedena, and to Southern California Edison beginning OY 1999-2000; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1, 1998; Northwest-Southwest intertie losses; Pacific Power and Light's transfer to its Northern California load and its contracts with Pacific Gas and Electric, Southern California Edison, Sacramento Municipal Utility District, and Utah Power Company; Portland General Electric's contracts with Pacific Gas and Electric, Portland General Exchange, Southern California Edison, and Western Area Power Administration (WAPA); Seattle City Light's contract with Pacific Gas and Electric; Tacoma City Light's contract with WAPA; and Washington Water Power's contracts with Pacific Gas and Electric and Southern California Edison.

Also included in exports are resources owned by utilities outside the region. These include the Basin Electric to WAPA transfer; Longview Fibre to WAPA; and 14.2 percent of Boardman to San Diego Gas and Electric.

4/ Federal diversity is a percentage reduction applied to the Federal system non-coincidental peak utility allocation requirements. This is due to the fact that all peaking electrical loads do not occur simultaneously throughout the region.

5/ Hydro resources are the sum of all utilities' mainstem and independent hydro projects for Pacific Northwest regional utilities, except for Utah Power Company.

6/ 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, and forced outage reserves.

7/ Small thermal and miscellaneous resources include Bonners Ferry's Diesel No. 1, Diesel No. 2, and No Name; City of Idaho Falls' Diesel; Portland General Electric's Summit plants; 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.

8/ Combustion turbines include Idaho'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.

9/ Renewables include Emerald County PUD's Short Mountain; and Washington Water Power's Kettle Falls.

10/ Cogeneration includes Clark's Great Western Malting; Eugene Water and Electric Board's WEYCO Energy Center and Willamette Steam Plant; Seattle City Light's Metro Westpoint; and Tacoma's Steam Plant No. 2.

Longview Fibre is sold outside the region to WAPA.

11/ Imports include return energy to BPA from the cities of Glendale, Pasadena, and Burbank, and from Southern California Edison when their surplus firm sales convert to capacity/energy exchanges beginning in OY 1999-2000; Southern California Edison's contract with Portland General Electric; Pacific Power and Light's transfers from Pacific Power and Light's Wyoming Division; BC Hydro and Pacific Gas and Electric's contracts with Seattle City Light; Utah Power Company's intracompany transfer; and Pacific Gas and Electric, Southern California Edison, and BC Hydro's contracts with Washington Water Power.

Basin Electric to WAPA is an import transfer through the region.

12/ Federal planned acquisitions are BPA's budgeted conservation and resource acquisitions. BPA currently has no new acquisition programs over those budgeted for FY 1990 and 1991.

13/ Resources under the Public Utility Regulatory Policies Act (PURPA) are those that have been declared as firm resources by BPA customers under Exhibit I of their power sales contracts.

14/ 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.

15/ 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.

16/ Federal spinning reserves equal the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.

17/ Direct service industry reserve requirements are estimated at two-thirds 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.

18/ Hydro maintenance is the sum of individual Federal system, public agencies, and IOUs hydro maintenance, based on the average of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.

FEDERAL SYSTEM, TABLE 2

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 FEDERAL AGENCIES		173	178	178	172	183	191	196	214	208	191	187	187	170	177
2 FEDERAL & GEN PUBLIC LOSSES		235	233	233	242	295	367	410	430	388	351	317	317	295	259
3 USBR		179	179	179	146	64	7	3	3	3	8	74	74	147	169
4 DSI ALUMINUM FIRM		2083	2081	2081	2079	2077	2075	2060	2045	2030	2028	2026	2026	2024	2000
5 DSI NON-ALUM FIRM		273	281	281	280	280	280	248	258	280	280	282	282	282	282
6 DSI FIRM LOSSES		66	66	66	66	75	82	88	88	83	81	76	76	74	69
7 SM & NON GEN PUB PURCH	1/	3806	3793	3793	3888	4312	4806	5275	5528	5059	4642	4404	4412	4260	3938
8 FIRM SYSTEM LOAD		6815	6811	6811	6873	7286	7808	8280	8565	8052	7581	7366	7374	7252	6893
TRANSFERS OUT															
9 EXPORTS	2/	634	634	634	634	594	297	297	297	297	297	297	297	335	634
10 CONTRACTS OUT	3/	2466	2466	2466	2513	2813	3148	3148	3101	3101	2971	2619	2619	2414	2414
11 CSPE TO WEST GROUP UTIL	4/	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	932	932	932	932
12 GEN PUBLIC AGEN PURCH	1/	1208	1292	1253	1463	1744	2155	2319	2377	2302	2086	1952	1920	1769	1363
13 GEN PRIVATE UTIL PURCH	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	7/	-1158	-1168	-1163	-1209	-1244	-1169	-866	-887	-846	-1126	-1041	-1039	-1181	-1181
15 FIRM LOADS		10988	11058	11024	11296	12216	13261	14200	14476	13928	12831	12125	12104	11521	11055
16 DSI ALUM TOP QUARTILE	8/	694	694	694	693	692	692	687	682	677	676	675	675	675	667
17 DSI NON-ALUMINUM TQ	8/	89	92	92	92	92	92	81	85	93	93	93	93	93	93
18 TOP QUARTILE LOSSES	8/	22	22	22	22	25	27	29	29	28	27	25	25	25	23
19 TOTAL LOADS		11793	11866	11832	12103	13025	14073	14998	15272	14726	13627	12919	12897	12314	11838
RESOURCES															
20 SYSTEM HYDRO		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	9/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
23A CAN. ENT. NON-FED(CSPE)	10/	260	260	260	260	260	260	260	260	260	260	234	234	234	234
23B CAN. ENT. NON-FED(CNDA)	10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 RESTORATION	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TOTAL HYDRO		15593	16970	15510	15660	16036	18349	19831	19401	17983	18860	17409	19010	20502	16073
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 IMPORTS	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 CONTRACTS IN	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 LARGE THERMAL	14/	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
33 FED PLANNED ACQUIS	15/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		17019	18396	16936	17086	17463	19775	21257	20828	19410	20286	18835	19010	20502	17500

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
35 HYD,SM THRM & MISC RES	16/	-1056	-1057	-1061	-1065	-1066	-1082	-1074	-1066	-1063	-1054	-1025	-1035	-1023	-1032
36 LARGE THERMAL RESERVES	17/	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	0	0	-214
37 SPINNING RESERVES	18/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
38 DSI RESERVES	19/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
39 FEDERAL HYDRO MAINT	20/	-2785	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635
40 NET RESOURCES		13904	14781	13847	13985	14369	16671	18935	18964	17116	17940	16380	16817	18319	15493
41 FIRM SURPLUS/DEFICIT		2916	3723	2823	2688	2154	3410	4735	4488	3188	5109	4255	4713	6798	4438
42 TOTAL SURPLUS/DEFICIT		2111	2915	2015	1881	1345	2599	3937	3692	2390	4314	3462	3920	6005	3655
SCENARIO 1: IOU'S PLACE NO LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
43 FED ACQ 66% LF RESOURCE	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 FIRM S/D W/FED RES ACQ		2916	3723	2823	2688	2154	3410	4735	4488	3188	5109	4255	4713	6798	4438
46 TOTAL S/D W/FED RES ACQ		2111	2915	2015	1881	1345	2599	3937	3692	2390	4314	3462	3920	6005	3655
SCENARIO 2: IOU'S PLACE 100% OF THEIR LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
47 IOU PURCHASE FROM BPA	22/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 FED ACQ 66% LF RESOURCE	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 FIRM S/D W/FED RES ACQ		2916	3723	2823	2688	2154	3410	4735	4488	3188	5109	4255	4713	6798	4438
51 TOTAL S/D W/FED RES ACQ		2111	2915	2015	1881	1345	2599	3937	3692	2390	4314	3462	3920	6005	3655
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES															
52 CONTRACTUAL AVAIL RESOURCES		0	0	0	0	0	0	0	230	230	273	273	0	0	0

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO PSP&L, POWER SALE TO SEASONAL POWER EXCHANGE CONVERTS IN OY 1999-00
D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
E. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
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SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 FEDERAL AGENCIES		182	187	187	181	191	200	206	223	217	199	196	196	178	184
2 FEDERAL & GEN PUBLIC LOSSES		198	198	198	204	256	328	370	390	350	314	281	281	258	220
3 USBR		180	180	180	147	65	7	3	3	3	8	74	74	149	170
4 DSI ALUMINUM FIRM		1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1766
5 DSI NON-ALUM FIRM		193	202	202	200	200	200	168	179	201	201	202	202	202	202
6 DSI FIRM LOSSES		55	56	56	55	63	69	74	74	71	69	65	65	63	59
7 SM & NON GEN PUB PURCH	1/	4065	4059	4059	4153	4599	5111	5582	5880	5416	5010	4762	4770	4611	4269
8 FIRM SYSTEM LOAD		6651	6660	6660	6719	7153	7695	8183	8529	8036	7580	7359	7367	7240	6869
TRANSFERS OUT															
9 EXPORTS	2/	335	335	335	335	335	297	297	297	297	297	297	297	335	335
10 CONTRACTS OUT	3/	845	845	845	845	1145	1644	1644	1644	1644	1432	1086	1086	799	799
11 CSPE TO WEST GROUP UTIL	4/	576	576	576	576	576	576	576	576	576	576	486	486	486	486
12 GEN PUBLIC AGEN PURCH	1/	1379	1466	1426	1704	1999	2489	2759	2708	2680	2296	2191	2158	2013	1558
13 GEN PRIVATE UTIL PURCH	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	7/	-942	-953	-948	-996	-1052	-1035	-780	-799	-762	-983	-900	-898	-1001	-977
15 FIRM LOADS		8844	8928	8894	9182	10156	11665	12679	12954	12471	11198	10519	10497	9871	9069
16 DSI ALUM TOP QUARTILE	8/	593	593	593	593	593	593	593	593	593	593	593	593	593	589
17 DSI NON-ALUMINUM TQ	8/	64	67	67	67	67	67	56	59	67	67	67	67	67	67
18 TOP QUARTILE LOSSES	8/	18	19	19	19	21	23	25	25	24	23	22	22	21	20
19 TOTAL LOADS		9519	9607	9572	9861	10837	12348	13353	13631	13155	11881	11201	11178	10552	9745
RESOURCES															
20 SYSTEM HYDRO		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	9/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
23A CAN. ENT. NON-FED(CSPE)	10/	138	138	138	138	138	138	138	138	138	138	115	115	115	115
23B CAN. ENT. NON-FED(CNDA)	10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 RESTORATION	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TOTAL HYDRO		15471	16848	15388	15538	15914	18227	19709	19279	17861	18738	17290	18891	20383	15954
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 IMPORTS	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 CONTRACTS IN	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 LARGE THERMAL	14/	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
33 FED PLANNED ACQUIS	15/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		16897	18274	16814	16964	17341	19653	21135	20706	19288	20164	18716	18891	20383	17381

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
35 HYD,SM THRM & MISC RES	16/	-1056	-1057	-1061	-1065	-1066	-1082	-1074	-1066	-1063	-1054	-1025	-1035	-1023	-1032
36 LARGE THERMAL RESERVES	17/	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	0	0	-214
37 SPINNING RESERVES	18/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
38 DSI RESERVES	19/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
39 FEDERAL HYDRO MAINT	20/	-2785	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635
40 NET RESOURCES		13782	14659	13725	13863	14247	16549	18813	18842	16994	17818	16261	16698	18200	15374
41 FIRM SURPLUS/DEFICIT		4938	5730	4831	4680	4092	4884	6134	5887	4523	6620	5742	6201	8329	6305
42 TOTAL SURPLUS/DEFICIT		4263	5052	4152	4002	3411	4201	5460	5210	3839	5937	5060	5519	7648	5629
SCENARIO 1: IOU'S PLACE NO LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
43 FED ACQ 66% LF RESOURCE	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 FIRM S/D W/FED RES ACQ		4938	5730	4831	4680	4092	4884	6134	5887	4523	6620	5742	6201	8329	6305
46 TOTAL S/D W/FED RES ACQ		4263	5052	4152	4002	3411	4201	5460	5210	3839	5937	5060	5519	7648	5629
SCENARIO 2: IOU'S PLACE 100% OF THEIR LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
47 IOU PURCHASE FROM BPA	22/	-1045	-941	-941	-857	-860	-910	-1248	-1287	-1051	-1348	-1938	-2640	-2352	-856
48 FED ACQ 66% LF RESOURCE	21/	734	734	734	734	734	734	734	734	734	734	734	734	734	734
49 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 FIRM S/D W/FED RES ACQ		4628	5524	4624	4557	3966	4708	5620	5334	4206	6006	4538	4295	6711	6183
51 TOTAL S/D W/FED RES ACQ		3952	4845	3946	3879	3284	4025	4946	4657	3522	5322	3856	3614	6030	5507
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES															
52 CONTRACTUAL AVAIL RESOURCES		0	0	0	0	300	300	300	300	300	300	0	0	0	0

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

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B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
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D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
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FEDERAL SYSTEM, TABLE 2

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 FEDERAL AGENCIES		188	193	193	186	198	207	213	231	225	206	202	202	183	189
2 FEDERAL & GEN PUBLIC LOSSES		187	189	189	196	250	325	374	389	351	306	276	276	254	215
3 USBR		181	180	180	148	65	7	3	3	4	8	74	74	149	171
4 DSI ALUMINUM FIRM		1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
5 DSI NON-ALUM FIRM		199	206	206	205	205	205	174	182	205	205	206	206	206	206
6 DSI FIRM LOSSES		54	55	55	55	62	68	73	73	70	68	64	64	62	58
7 SM & NON GEN PUB PURCH	1/	4447	4434	4434	4547	5031	5584	6086	6355	5866	5435	5157	5165	5000	4638
8 FIRM SYSTEM LOAD		6996	6997	6997	7076	7551	8136	8663	8973	8461	7968	7719	7727	7594	7218
TRANSFERS OUT															
9 EXPORTS	2/	1080	1080	1080	1080	1080	794	794	794	794	794	794	794	820	1080
10 CONTRACTS OUT	3/	255	255	255	255	255	1047	1047	1047	1047	542	540	540	253	253
11 CSPE TO WEST GROUP UTIL	4/	192	192	192	192	192	192	192	192	192	192	187	187	187	187
12 GEN PUBLIC AGEN PURCH	1/	1616	1738	1722	2008	2365	2896	3170	3108	3109	2668	2542	2508	2361	1819
13 GEN PRIVATE UTIL PURCH	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	7/	-895	-910	-908	-960	-995	-1025	-776	-792	-755	-935	-890	-888	-989	-949
15 FIRM LOADS		9244	9351	9337	9651	10447	12039	13090	13321	12847	11229	10891	10868	10226	9607
16 DSI ALUM TOP QUARTILE	8/	580	580	580	580	580	580	580	580	580	580	580	580	580	580
17 DSI NON-ALUMINUM TQ	8/	66	69	69	68	68	68	58	61	68	68	69	69	69	69
18 TOP QUARTILE LOSSES	8/	18	18	18	18	21	23	24	24	23	23	21	21	21	20
19 TOTAL LOADS		9908	10018	10004	10317	11116	12710	13752	13986	13518	11899	11561	11538	10896	10275
RESOURCES															
20 SYSTEM HYDRO		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	9/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
23A CAN. ENT. NON-FED(CSPE)	10/	43	43	43	43	43	43	43	43	43	43	42	42	42	42
23B CAN. ENT. NON-FED(CNDA)	10/	193	193	193	193	193	193	193	193	193	193	193	193	193	193
24 RESTORATION	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TOTAL HYDRO		15568	16946	15486	15636	16012	18325	19806	19377	17959	18836	17410	19011	20502	16074
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 IMPORTS	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 CONTRACTS IN	13/	300	300	300	300	300	0	0	0	0	0	0	0	0	0
32 LARGE THERMAL	14/	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
33 FED PLANNED ACQUIS	15/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		17295	18672	17212	17362	17739	19751	21233	20803	19385	20262	18836	19011	20502	17500

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
35 HYD,SM THRM & MISC RES	16/	-1056	-1057	-1061	-1065	-1066	-1082	-1074	-1066	-1063	-1054	-1025	-1035	-1023	-1032
36 LARGE THERMAL RESERVES	17/	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	0	0	-214
37 SPINNING RESERVES	18/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
38 DSI RESERVES	19/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
39 FEDERAL HYDRO MAINT	20/	-2785	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635
40 NET RESOURCES		14180	15057	14123	14261	14645	16647	18911	18939	17092	17916	16381	16818	18320	15494
41 FIRM SURPLUS/DEFICIT		4936	5706	4786	4609	4198	4608	5821	5619	4245	6687	5490	5950	8093	5887
42 TOTAL SURPLUS/DEFICIT		4272	5038	4119	3943	3530	3937	5159	4953	3574	6017	4820	5279	7423	5219
SCENARIO 1: IOU'S PLACE NO LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
43 FED ACQ 66% LF RESOURCE	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 FIRM S/D W/FED RES ACQ		4936	5706	4786	4609	4198	4608	5821	5619	4245	6687	5490	5950	8093	5887
46 TOTAL S/D W/FED RES ACQ		4272	5038	4119	3943	3530	3937	5159	4953	3574	6017	4820	5279	7423	5219
SCENARIO 2: IOU'S PLACE 100% OF THEIR LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
47 IOU PURCHASE FROM BPA	22/	-1919	-1956	-1961	-1876	-2238	-1988	-2351	-2549	-2375	-3150	-3243	-3989	-3440	-1980
48 FED ACQ 66% LF RESOURCE	21/	2389	2389	2389	2389	2389	2389	2389	2389	2389	2389	2389	2389	2389	2389
49 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 FIRM S/D W/FED RES ACQ		5406	6138	5213	5122	4349	5009	5859	5459	4259	5927	4636	4349	7042	6296
51 TOTAL S/D W/FED RES ACQ		4742	5471	4546	4456	3681	4338	5197	4793	3588	5256	3966	3679	6372	5628
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES															
52 CONTRACTUAL AVAIL RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
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D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
E. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
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FEDERAL SYSTEM, TABLE 2

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 FEDERAL AGENCIES		195	201	201	193	206	216	223	241	235	215	210	210	190	197
2 FEDERAL & GEN PUBLIC LOSSES		213	218	218	227	280	373	428	442	399	339	312	312	289	246
3 USBR		182	182	182	149	66	7	3	4	4	8	75	75	151	173
4 DSI ALUMINUM FIRM		1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
5 DSI NON-ALUM FIRM		201	207	207	206	206	206	177	184	206	206	207	207	207	207
6 DSI FIRM LOSSES		54	55	55	55	62	68	73	73	70	68	64	64	62	58
7 SM & NON GEN PUB PURCH	1/	5120	5108	5108	5224	5776	6414	6993	7218	6691	6226	5928	5936	5756	5335
8 FIRM SYSTEM LOAD		7706	7711	7711	7794	8337	9024	9637	9903	9345	8802	8537	8545	8395	7957
TRANSFERS OUT															
9 EXPORTS	2/	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
10 CONTRACTS OUT	3/	69	69	69	69	69	479	479	479	479	274	274	274	69	69
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 PURCH	1/	2268	2527	2525	2839	3253	3961	4259	4302	4271	3730	3598	3564	3415	2747
13 GEN PRIVATE UTIL PURCH	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED DIVERSITY	7/	-1023	-1056	-1056	-1112	-1150	-1144	-867	-888	-845	-1078	-1032	-1030	-1166	-1117
15 FIRM LOADS		10420	10651	10649	10989	11908	13719	14908	15196	14650	13128	12776	12753	12112	11056
16 DSI ALUM TOP QUARTILE	8/	580	580	580	580	580	580	580	580	580	580	580	580	580	580
17 DSI NON-ALUMINUM TQ	8/	67	69	69	69	69	69	59	61	69	69	69	69	69	69
18 TOP QUARTILE LOSSES	8/	18	18	18	18	21	23	24	24	23	23	21	21	21	20
19 TOTAL LOADS		11086	11318	11316	11656	12578	14391	15572	15861	15322	13799	13447	13424	12782	11724
RESOURCES															
20 SYSTEM HYDRO		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
21 CONTRACT HYDRO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SUS. PKNG. ADJUSTMENT	9/	-5783	-4425	-5966	-5909	-5550	-3545	-1904	-2176	-3544	-2488	-3327	-1914	-196	-4798
23A CAN. ENT. NON-FED(CSPE)	10/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23B CAN. ENT. NON-FED(CNDA)	10/	352	352	352	352	352	352	352	352	352	352	352	352	352	352
24 RESTORATION	11/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 TOTAL HYDRO		15684	17061	15601	15752	16128	18441	19922	19493	18075	18952	17526	19128	20619	16191
26 SMALL THERMAL & MISC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 COMBUSTION TURBINES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 RENEWABLES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COGENERATION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 IMPORTS	12/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 CONTRACTS IN	13/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 LARGE THERMAL	14/	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
33 FED PLANNED ACQUIS	15/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 TOTAL RESOURCES		17110	18488	17028	17178	17554	19867	21348	20919	19501	20378	18953	19128	20619	17617

SUMMARY OF FEDERAL LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
35 HYD,SM THRM & MISC RES	16/	-1056	-1057	-1061	-1065	-1066	-1082	-1074	-1066	-1063	-1054	-1025	-1035	-1023	-1032
36 LARGE THERMAL RESERVES	17/	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	-214	0	0	-214
37 SPINNING RESERVES	18/	-330	-352	-329	-332	-342	-399	-456	-456	-410	-431	-394	-389	-427	-371
38 DSI RESERVES	19/	1270	1271	1275	1279	1280	1296	1288	1280	1277	1268	1239	1035	1023	1246
39 FEDERAL HYDRO MAINT	20/	-2785	-3263	-2761	-2770	-2752	-2705	-1866	-1408	-1883	-1915	-2061	-1805	-1756	-1635
40 NET RESOURCES		13996	14872	13938	14076	14461	16763	19026	19055	17208	18032	16498	16934	18436	15611
41 FIRM SURPLUS/DEFICIT		3575	4221	3289	3087	2553	3044	4118	3859	2558	4904	3721	4181	6324	4555
42 TOTAL SURPLUS/DEFICIT		2910	3554	2622	2420	1883	2372	3455	3194	1885	4232	3051	3510	5654	3887
SCENARIO 1: IOU'S PLACE NO LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
43 FED ACQ 66% LF RESOURCE	21/	936	936	936	936	936	936	936	936	936	936	936	936	936	936
44 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 FIRM S/D W/FED RES ACQ		4511	5158	4226	4023	3489	3980	5054	4796	3494	5840	4657	5117	7260	5491
46 TOTAL S/D W/FED RES ACQ		3846	4490	3558	3356	2819	3308	4391	4130	2821	5169	3987	4447	6590	4823
SCENARIO 2: IOU'S PLACE 100% OF THEIR LOAD ON FEDERAL SYSTEM AND FEDERAL SYSTEM ACQUIRES 66% LOAD FACTOR RESOURCES TO MEET REGIONAL NEEDS															
47 IOU PURCHASE FROM BPA	22/	-3843	-4041	-4046	-3805	-4249	-4455	-5455	-6382	-6220	-6367	-6382	-6721	-6837	-4136
48 FED ACQ 66% LF RESOURCE	21/	6627	6627	6627	6627	6627	6627	6627	6627	6627	6627	6627	6627	6627	6627
49 FED ADDITN'L CAP PURCH	21/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 FIRM S/D W/FED RES ACQ		6359	6807	5870	5909	4931	5216	5290	4104	2965	5164	3966	4087	6114	7046
51 TOTAL S/D W/FED RES ACQ		5693	6140	5203	5242	4261	4544	4627	3439	2292	4492	3296	3417	5445	6378
CONTRACTUALLY AVAILABLE RESOURCES FROM SURPLUS FIRM SALES															
52 CONTRACTUAL AVAIL RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES AND BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO PSP&L, POWER SALE TO SEASONAL POWER EXCHANGE CONVERTS IN OY 1999-00
D. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95
E. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
G. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

FEDERAL SYSTEM FOOTNOTES

FOR TABLE 2

1/ BPA's 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 requirements not served by its own dedicated resources.

2/ BPA's exports include BPA's contracts with Northern California public agencies; BPA's short-term surplus firm energy sales to Portland General Electric and Portland General Exchange; BPA's surplus firm sales energy to the cities of Burbank, Glendale, and Pasedena, and to Southern California Edison through OY 1998-1999; BPA's capacity sales to the cities of Burbank, Glendale, and Pasedena, and to Southern California Edison beginning OY 1999-2000; BPA's contract with BC Hydro for Canadian Entitlement beginning April 1998; and Northwest-Southwest intertie losses.

3/ BPA's contracts out include BPA's contracts of Canadian Entitlement capacity and supplemental capacity to public agencies and IOUs; BPA's contracts with Clark County PUD and other public agencies (Packwood Lake); BPA's WNP-1 obligation contract 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 contract with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; BPA's capacity contracts with Pacific Power and Light and Portland General Electric; BPA's short-term surplus firm energy sale with Portland General Electric; and BPA's surplus firm energy sale to Puget Sound Power and Light.

4/ Columbia Storage Power Exchange (CSPE) is the sale of the Canadian share of downstream benefits under the Treaty with Canada to a group of Northwest utilities expiring April 1, 2003.

5/ Generating private utility purchase is the contracted peak and energy requirement placed on the Federal system under the IOUs' power sales contracts with BPA. Puget Sound Power and Light is the only IOU purchasing energy from BPA through June 30, 1993 under its power sales contract.

6/ 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.

7/ Industrial top quartile and first-quartile line losses are part of BPA's interruptible DSI loads.

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, and forced outage reserves.

9/ Canadian Entitlement Return non-Federal (CSPE) reflects the public agencies' and IOUs' obligation of Canadian Entitlement allocation to the Northwest entities of the CSPE, which expires April 1, 2003. Canadian Entitlement Return non-Federal (Canada) reflects the Federal system, public agencies', and IOUs' obligation of Canadian Entitlement allocation to Canada, which begins April 1, 1998.

10/ Restoration deals with 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 which lost generation from Canadian storage.

11/ BPA's imports include exchange energy from the cities of Burbank, Glendale, and Pasadena, and from Southern California Edison when their surplus firm sales convert to capacity/energy exchanges in OY 1999-2000.

12/ Contracts in include Montana Power Company's return of exchange energy under its capacity/energy exchange contract with BPA; BPA's WNP-3 settlement contract with Montana Power Company, Pacific Power and Light, Portland General Electric, Puget Sound Power and Light, and Washington Water Power; and Puget Sound Power and Light's seasonal power exchange contract with BPA when the current surplus firm contract converts in OY 1999-2000.

13/ Federal large thermal includes the generation from WNP-2, operated by WPPSS, and 30 percent of Portland General Electric's Trojan nuclear power plant.

14/ Federal planned acquisitions are BPA's budgeted conservation and resource acquisitions. BPA currently has no new acquisition programs over those budgeted for FY 1990 and 1991.

15/ Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are estimated at 5 percent of the Federal capacity of these resources.

16/ Large thermal reserve requirements are estimated at 15 percent of the Federal share of Pacific Northwest thermal resources.

17/ Federal spinning reserve is the reserve generating capacity maintained to provide a regulating margin for the automatic generation and frequency control of power generation.

18/ Direct service industrial reserve requirements are two-thirds 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.

19/ Hydro maintenance is the sum of the Federal hydro maintenance based on the mean of the 1983-84 through 1988-89 schedules submitted to the Northwest Power Pool.

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		8261	8292	8292	8713	9849	10950	11639	12068	11430	10602	10030	10030	9488	8687
2 EXPORTS	1/	63	94	94	74	74	41	41	41	41	41	41	41	41	62
3 CONTRACTS OUT	2/	93	93	93	93	93	68	68	68	68	68	68	68	68	93
4 TOTAL LOADS		8418	8479	8479	8880	10016	11060	11748	12177	11539	10711	10139	10139	9598	8842
RESOURCES															
5 SYSTEM HYDRO		3600	3951	3939	3786	3740	3802	3735	3718	3715	3672	3680	3943	3705	3976
6 CONTRACT HYDRO		563	537	537	493	452	431	431	427	427	440	513	513	567	580
7A CAN. ENT. RETURN (CSPE)	3/	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-89	-89	-89	-89
7B CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		4065	4390	4377	4181	4093	4135	4068	4046	4044	4014	4104	4367	4183	4467
10 SMALL THERMAL & MISC	5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	7/	511	511	511	511	511	511	511	511	511	511	466	466	466	466
13 RENEWABLES	8/	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 COGENERATION	9/	80	100	100	101	101	101	82	102	102	101	101	101	101	100
15 IMPORTS	10/	143	143	143	143	143	105	119	141	172	209	143	143	143	143
16 CONTRACTS IN	11/	322	322	322	322	322	322	322	322	322	322	303	303	303	303
17 LARGE THERMAL	12/	360	360	360	360	360	360	360	360	360	307	154	207	207	360
18 PURPA RESOURCES	13/	40	40	40	40	40	40	40	40	40	40	40	40	40	40
19 TOTAL RESOURCES		5526	5871	5858	5663	5575	5579	5507	5527	5557	5509	5315	5631	5447	5884
20 HYD,SM THRM & MISC RES	14/	-214	-231	-231	-221	-217	-219	-215	-214	-214	-212	-217	-230	-220	-235
21 LARGE THERMAL RESERVES	15/	-54	-54	-54	-54	-54	-54	-54	-54	-54	-46	-23	-31	-31	-54
22 PUBLIC HYDRO MAINT	16/	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES		5004	5008	5035	4906	5190	5225	5179	5184	5187	5039	4834	5125	4955	5347
24 SURPLUS/DEFICIT		-3414	-3471	-3443	-3974	-4826	-5835	-6569	-6993	-6352	-5672	-5305	-5014	-4643	-3495
25 DEDICATED RESOURCES	17/	4999	5334	5321	5169	5105	5129	5077	5077	5106	5101	4882	5145	4946	5354
26 PURCHASE FROM BPA	18/	5014	5086	5046	5351	6056	6960	7594	7905	7361	6728	6356	6332	6029	5300
27 SURPLUS/DEFICIT W/PURCH		1600	1615	1603	1377	1231	1126	1025	912	1009	1056	1051	1318	1387	1805

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		8626	8666	8666	9185	10322	11537	12381	12737	12200	11094	10563	10563	10033	9213
2 EXPORTS	1/	263	294	294	248	74	41	41	41	41	41	41	41	41	242
3 CONTRACTS OUT	2/	118	118	118	118	118	68	68	68	68	68	68	68	68	118
4 TOTAL LOADS		9007	9078	9078	9551	10515	11646	12491	12846	12309	11204	10672	10672	10142	9573
RESOURCES															
5 SYSTEM HYDRO		3662	4014	4001	3847	3794	3854	3787	3768	3766	3722	3731	3993	3761	3986
6 CONTRACT HYDRO		563	537	537	493	452	431	431	427	427	440	513	513	567	580
7A CAN. ENT. RETURN (CSPE)	3/	-53	-53	-53	-53	-53	-53	-53	-53	-53	-53	-44	-44	-44	-44
7B CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		4173	4498	4486	4288	4193	4232	4164	4142	4141	4110	4200	4462	4284	4522
10 SMALL THERMAL & MISC	5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	7/	288	288	288	288	288	288	288	288	288	288	243	243	243	243
13 RENEWABLES	8/	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 COGENERATION	9/	64	84	84	84	84	84	64	84	84	84	84	84	84	84
15 IMPORTS	10/	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	11/	231	231	231	231	231	231	231	231	231	231	213	213	213	213
17 LARGE THERMAL	12/	360	360	360	360	360	360	360	360	360	307	154	207	207	360
18 PURPA RESOURCES	13/	40	41	41	41	41	41	41	41	41	41	41	41	41	41
19 TOTAL RESOURCES		5304	5650	5637	5439	5344	5346	5452	5492	5522	5474	5082	5397	5219	5611
20 HYD,SM THRM & MISC RES	14/	-217	-234	-234	-224	-220	-222	-217	-217	-217	-215	-219	-232	-223	-235
21 LARGE THERMAL RESERVES	15/	-54	-54	-54	-54	-54	-54	-54	-54	-54	-46	-23	-31	-31	-54
22 PUBLIC HYDRO MAINT	16/	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES		4779	4784	4811	4679	4957	4989	5122	5146	5150	5002	4598	4889	4724	5073
24 SURPLUS/DEFICIT		-4228	-4294	-4267	-4871	-5558	-6658	-7369	-7700	-7159	-6202	-6074	-5783	-5418	-4500
25 DEDICATED RESOURCES	17/	4831	5167	5154	4999	4927	4949	4896	4896	4925	4920	4702	4965	4772	5135
26 PURCHASE FROM BPA	18/	5443	5524	5485	5857	6598	7599	8341	8588	8095	7305	6953	6928	6623	5826
27 SURPLUS/DEFICIT W/PURCH		1215	1230	1218	986	1040	942	972	888	936	1103	879	1144	1205	1326

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		9241	9278	9278	9855	11087	12405	13304	13608	13061	11852	11276	11276	10705	9830
2 EXPORTS	1/	263	294	294	248	74	41	41	41	41	41	41	41	41	242
3 CONTRACTS OUT	2/	104	104	104	104	104	54	54	54	54	54	54	54	54	104
4 TOTAL LOADS		9609	9675	9675	10207	11265	12500	13399	13704	13156	11947	11372	11372	10800	10176
RESOURCES															
5 SYSTEM HYDRO		3722	4073	4060	3907	3853	3913	3846	3827	3825	3781	3790	4053	3820	4045
6 CONTRACT HYDRO		563	537	537	493	452	431	431	427	427	440	513	513	567	580
7A CAN. ENT. RETURN (CSPE)	3/	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
7B CAN. ENT. RETURN (CANADA)	3/	-74	-74	-74	-74	-74	-74	-74	-74	-74	-74	-74	-74	-74	-74
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		4195	4520	4507	4310	4214	4254	4186	4164	4162	4131	4213	4475	4297	4535
10 SMALL THERMAL & MISC	5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	7/	96	96	96	96	96	96	96	96	96	96	93	93	93	93
13 RENEWABLES	8/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 COGENERATION	9/	64	84	84	84	84	84	64	84	84	84	84	84	84	84
15 IMPORTS	10/	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	11/	158	158	158	158	158	158	158	158	158	158	157	157	157	157
17 LARGE THERMAL	12/	360	360	360	360	360	360	360	360	360	307	154	207	207	360
18 PURPA RESOURCES	13/	40	41	41	41	41	41	41	41	41	41	41	41	41	41
19 TOTAL RESOURCES		5062	5407	5395	5197	5102	5103	5210	5249	5279	5232	4891	5206	5028	5420
20 HYD,SM THRM & MISC RES	14/	-220	-237	-237	-227	-223	-225	-220	-220	-220	-218	-222	-235	-226	-238
21 LARGE THERMAL RESERVES	15/	-54	-54	-54	-54	-54	-54	-54	-54	-54	-46	-23	-31	-31	-54
22 PUBLIC HYDRO MAINT	16/	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES		4534	4538	4566	4434	4711	4743	4876	4901	4905	4756	4404	4695	4530	4879
24 SURPLUS/DEFICIT		-5075	-5137	-5110	-5773	-6554	-7757	-8523	-8802	-8251	-7191	-6968	-6677	-6270	-5298
25 DEDICATED RESOURCES	17/	4637	4972	4959	4805	4733	4755	4702	4701	4731	4726	4548	4811	4618	4981
26 PURCHASE FROM BPA	18/	6063	6172	6156	6555	7395	8479	9256	9462	8975	8102	7698	7673	7361	6457
27 SURPLUS/DEFICIT W/PURCH		988	1035	1046	782	841	723	733	660	723	911	731	996	1091	1159

TOTAL PUBLIC AGENCIES, TABLE 3

SUMMARY OF PUBLIC LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		10415	10461	10461	11122	12533	14037	15064	15404	14806	13437	12781	12781	12125	11115
2 EXPORTS	1/	263	294	294	248	74	41	41	41	41	41	41	41	41	242
3 CONTRACTS OUT	2/	104	104	104	104	104	54	54	54	54	54	54	54	54	104
4 TOTAL LOADS		10783	10859	10859	11474	12711	14132	15160	15499	14901	13532	12877	12877	12221	11461
RESOURCES															
5 SYSTEM HYDRO		4434	4785	4772	4619	4565	5206	5139	5122	5117	5073	5080	5346	5122	5335
6 CONTRACT HYDRO		370	344	344	300	258	173	172	169	169	182	254	254	308	322
7A CAN. ENT. RETURN (CSPE)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	3/	-168	-168	-168	-168	-168	-222	-222	-222	-222	-222	-222	-222	-222	-222
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		4635	4961	4948	4750	4655	5156	5089	5068	5063	5032	5112	5378	5208	5435
10 SMALL THERMAL & MISC	5/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11 COMBUSTION TURBINES	6/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	8/	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 COGENERATION	9/	63	83	83	83	83	83	63	83	83	83	83	83	83	83
15 IMPORTS	10/	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	11/	125	125	125	125	125	125	125	125	125	125	125	125	125	125
17 LARGE THERMAL	12/	360	360	360	360	360	360	360	360	360	307	154	207	207	360
18 PURPA RESOURCES	13/	40	41	41	41	41	41	41	41	41	41	39	39	39	39
19 TOTAL RESOURCES		5373	5719	5706	5509	5413	5877	5984	6025	6051	6004	5662	5981	5811	6191
20 HYD,SM THRM & MISC RES	14/	-246	-263	-263	-253	-248	-276	-272	-272	-271	-270	-274	-287	-278	-290
21 LARGE THERMAL RESERVES	15/	-54	-54	-54	-54	-54	-54	-54	-54	-54	-46	-23	-31	-31	-54
22 PUBLIC HYDRO MAINT	16/	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES		4819	4824	4851	4720	4997	5465	5599	5625	5625	5477	5124	5417	5261	5599
24 SURPLUS/DEFICIT		-5963	-6035	-6008	-6754	-7714	-8667	-9561	-9875	-9276	-8055	-7753	-7459	-6960	-5862
25 DEDICATED RESOURCES	17/	4387	4723	4710	4555	4483	4393	4340	4341	4367	4362	4184	4449	4265	4616
26 PURCHASE FROM BPA	18/	7388	7635	7633	8063	9029	10375	11253	11521	10963	9956	9526	9501	9171	8082
27 SURPLUS/DEFICIT W/PURCH		1425	1600	1625	1309	1315	1707	1691	1646	1687	1900	1773	2041	2211	2220

FOOTNOTES FOR PUBLIC AGENCIES TABLE 3

1/ Public agencies' exports includes Tacoma City Light's contract with Western Area Power Administration (WAPA); City of Idaho Falls contract for Gem State Hydro with Utah Power Company; and Seattle City Light's seasonal exchange contract with Pacific Gas and Electric.

2/ Public agencies' contracts out includes Seattle City Light's contracts with Pend Oreille and Idaho; Grant's contracts with Pacific Power & Light and Washington Water Power; Chelan's exchange contracts with Douglas and Portland General Electric; Pend Oreille's contract with Seattle City Light; and Colockum's deliveries to Pacific Power & Light and Chelan; and Northern Wasco's sale to Puget Sound Power and Light.

3/ Canadian Entitlement Return non-Federal (CSPE) reflects the public agencies' obligation of Canadian Entitlement allocation to CSPE which expires in April 2003. Canadian Entitlement Return non-Federal (Canada) reflects the public agencies' obligation of Canadian Entitlement allocation to Canada which begins in April 1998.

4/ 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.

5/ Public agencies' small thermal and miscellaneous resources includes Seattle City Light's Boundary; City of Idaho Falls' Diesel plant; and Bonners Ferry's Diesel No. 1, Diesel No. 2, and No Name.

6/ There are no regional public agencies' combustion turbines.

7/ Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through operating year 2002-03 of the Canadian share of downstream benefits under the Treaty with Canada.

8/ Public agencies' renewable resources includes Emerald PUD's Short Mountain.

9/ Public agencies' cogeneration includes Eugene Water & Electric Board's Weyerhaeuser WEYCO Energy Center and Willamette Steam Plant, Seattle City Light's Metro Westpoint, Tacoma City Light's Steam Plant No. 2, and Clark's Great Western Malting.

10/ Public agencies' imports includes BC Hydro's contract with Seattle City Light for Ross replacement and Pacific Gas & Electric's seasonal exchange contract with Seattle City Light.

11/ Public agencies' contracts includes Eugene Water & Electric Board's and Pend Oreille's contracts to Seattle City Light; Colockum's, Douglas's and Portland General Electric's contracts to Chelan; Chelan's contract to Douglas; Seattle's contract to Pend Oreille; Pacific Power & Light's contract to Colockum; BPA's contract to Snohomish; BPA's contract to Clark County; and BPA's contracts to other publics.

12/ Public agencies' large thermal includes Seattle City Light, Tacoma City Light, Snohomish's share of Centralia, and Pacific Northwest Generating Company's (PNGC's) 10 percent share of Boardman.

13/ Public agencies' PURPA resources includes Snohomish, 0.4 aMW; Oregon Trail, 12 aMW; City of Ashland, 0.4aMW; Mason, 0.2 aMW; Lewis, 0.4 aMW; Northern Wasco, 13 aMW; City of Port Angeles, 0.3 aMW; City of Soda Springs, 0.4 aMW; and Tillamook, 1.1 aMW.

14/ Hydro, small thermal and miscellaneous resources, and combustion turbine reserve requirements are 5 percent of the public agencies' share of capacity from these resources.

15/ Large thermal reserves requirements are 15 percent of the public agencies' share of Pacific Northwest thermal resources.

16/ Hydro maintenance is the sum of the public agencies' hydro maintenance based on the mean of the 1983-84 through 1987-88 schedules submitted to the Northwest Power Pool.

17/ 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.

18/ Public agencies' firm-energy purchases from BPA 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.

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		10962	10767	10767	10806	11806	13018	14083	14633	14100	12450	11976	11976	11346	11111
2 EXPORTS	1/	1103	1087	1087	1042	963	495	515	500	478	473	451	451	610	933
3 CONTRACTS OUT	2/	400	400	400	325	325	376	376	376	376	325	325	325	325	325
4 TOTAL LOADS		12465	12254	12254	12173	13094	13889	14974	15509	14954	13248	12752	12752	12281	12369
RESOURCES															
5 SYSTEM HYDRO		4482	4409	4357	4307	4295	4259	4404	4396	4174	4084	4121	4163	4138	4351
6 CONTRACT HYDRO		2774	2773	2773	2772	2766	2765	2785	2774	2793	2774	2769	2770	2789	2723
7A CAN. ENT. RETURN (CSPE)	3/	-145	-145	-145	-145	-145	-145	-145	-145	-145	-145	-130	-130	-130	-130
7B CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		7111	7037	6985	6934	6916	6879	7044	7025	6822	6713	6759	6803	6796	6944
10 SMALL THERMAL & MISC	5/	46	45	45	32	36	139	144	150	142	45	45	54	21	18
11 COMBUSTION TURBINES	6/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
12 CSPE PURCHASE	7/	511	511	511	511	511	511	511	511	511	511	466	466	466	466
13 RENEWABLES	8/	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	10/	1981	1876	1876	1457	1703	1915	1858	1783	1800	1297	1302	1302	1365	1827
16 CONTRACTS IN	11/	2713	2713	2713	2685	2985	3346	3346	3299	3299	3118	2789	2789	2584	2609
17 LARGE THERMAL	12/	4473	4469	4469	4293	4476	4484	4496	4511	4491	4069	3219	2330	1845	3985
18 PURPA RESOURCES	13/	299	297	297	298	298	300	302	303	303	303	303	304	304	303
19 TOTAL RESOURCES		17804	17616	17564	16970	17711	19075	19211	19097	18876	16656	15576	14741	14019	16828
20 HYD,SM THRM & MISC RES	14/	-414	-410	-407	-408	-409	-448	-457	-457	-446	-390	-397	-399	-394	-404
21 LARGE THERMAL RESERVES	15/	-906	-908	-908	-836	-906	-905	-899	-885	-886	-784	-658	-525	-446	-818
22 PRIVATE HYDRO MAINT	16/	-656	-739	-719	-520	-333	-142	-106	-79	-304	-487	-427	-411	-336	-302
23 NET RESOURCES		15828	15560	15530	15205	16063	17580	17749	17675	17240	14995	14094	13406	12843	15305
24 SURPLUS/DEFICIT		3363	3306	3276	3033	2969	3691	2775	2167	2286	1747	1341	654	562	2936
25 DEDICATED RESOURCES	17/	14658	14601	14548	14035	14498	14819	14929	14829	14610	13829	12983	12108	11942	14199
26 EXHIBIT I PURCH FR BPA	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT		3363	3306	3276	3033	2969	3691	2775	2167	2286	1747	1341	654	562	2936

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		11712	11501	11501	11564	12625	13974	15049	15663	15045	13468	12778	12778	12009	11808
2 EXPORTS	1/	1047	1030	1030	937	483	515	536	469	445	441	439	439	598	921
3 CONTRACTS OUT	2/	382	382	382	307	307	358	358	353	353	303	303	303	303	303
4 TOTAL LOADS		13141	12913	12913	12808	13415	14847	15943	16485	15843	14212	13520	13520	12910	13032
RESOURCES															
5 SYSTEM HYDRO		4489	4415	4363	4313	4302	4265	4411	4404	4181	4090	4125	4148	4146	4380
6 CONTRACT HYDRO		2712	2711	2711	2711	2712	2714	2734	2724	2742	2723	2718	2720	2732	2713
7A CAN. ENT. RETURN (CSPE)	3/	-77	-77	-77	-77	-77	-77	-77	-77	-77	-77	-64	-64	-64	-64
7B CAN. ENT. RETURN (CANADA)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		7124	7049	6997	6948	6938	6902	7068	7052	6847	6737	6779	6804	6814	7030
10 SMALL THERMAL & MISC	5/	50	47	47	34	38	142	147	154	146	48	47	47	22	21
11 COMBUSTION TURBINES	6/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
12 CSPE PURCHASE	7/	288	288	288	288	288	288	288	288	288	288	243	243	243	243
13 RENEWABLES	8/	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	10/	1770	1746	1746	1644	1572	1932	1873	1857	1865	1586	946	946	997	1792
16 CONTRACTS IN	11/	1103	1103	1103	1028	1328	1828	1828	1823	1823	1561	1236	1236	949	999
17 LARGE THERMAL	12/	4483	4477	4478	4472	4486	4492	4506	4523	4502	3905	3229	2364	2336	3965
18 PURPA RESOURCES	13/	306	302	302	302	303	305	307	308	308	307	307	307	309	309
19 TOTAL RESOURCES		15793	15682	15629	15476	15738	17389	17527	17518	17286	15032	13480	12639	12308	15036
20 HYD,SM THRM & MISC RES	14/	-411	-407	-405	-406	-407	-446	-455	-455	-444	-388	-395	-396	-392	-405
21 LARGE THERMAL RESERVES	15/	-880	-892	-892	-892	-890	-888	-881	-878	-877	-782	-607	-478	-464	-802
22 PRIVATE HYDRO MAINT	16/	-656	-739	-719	-520	-333	-142	-106	-79	-304	-487	-427	-411	-336	-302
23 NET RESOURCES		13845	13643	13614	13658	14108	15913	16084	16106	15661	13375	12051	11356	11116	13526
24 SURPLUS/DEFICIT		705	729	700	850	693	1066	141	-379	-183	-837	-1469	-2164	-1794	494
25 DEDICATED RESOURCES	17/	12837	12840	12787	12756	12742	13058	13172	13140	12908	12173	10999	10116	10036	12511
26 EXHIBIT I PURCH FR BPA	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT		705	729	700	850	693	1066	141	-379	-183	-837	-1469	-2164	-1794	494

TOTAL PRIVATE UTILITIES, TABLE 4

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		12409	12226	12226	12284	13432	14848	15995	16701	16096	14376	13632	13632	12779	12528
2 EXPORTS	1/	883	866	866	772	409	421	442	478	452	448	446	446	605	839
3 CONTRACTS OUT	2/	603	603	603	603	603	303	303	303	303	303	303	303	303	303
4 TOTAL LOADS		13895	13695	13695	13659	14444	15572	16740	17482	16851	15127	14381	14381	13687	13670
RESOURCES															
5 SYSTEM HYDRO		4529	4455	4402	4354	4343	4304	4452	4443	4221	4129	4150	4195	4194	4425
6 CONTRACT HYDRO		2653	2652	2652	2652	2653	2654	2675	2664	2683	2664	2659	2661	2673	2654
7A CAN. ENT. RETURN (CSPE)	3/	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-23	-23	-23	-23
7B CAN. ENT. RETURN (CANADA)	3/	-107	-107	-107	-107	-107	-107	-107	-107	-107	-107	-107	-107	-107	-107
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		7052	6976	6923	6875	6866	6827	6996	6977	6774	6662	6679	6727	6738	6949
10 SMALL THERMAL & MISC	5/	68	65	65	47	51	159	166	172	164	66	58	69	29	27
11 COMBUSTION TURBINES	6/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
12 CSPE PURCHASE	7/	96	96	96	96	96	96	96	96	96	96	93	93	93	93
13 RENEWABLES	8/	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	10/	1744	1704	1704	1529	1510	1873	1804	1775	1789	1504	876	876	1411	1443
16 CONTRACTS IN	11/	505	505	505	505	505	1247	1247	1247	1247	742	741	741	454	504
17 LARGE THERMAL	12/	4528	4521	4521	4345	4532	4536	4552	4567	4547	3949	3444	2547	2215	3684
18 PURPA RESOURCES	13/	311	306	306	307	308	310	312	314	313	312	311	313	315	315
19 TOTAL RESOURCES		14972	14842	14790	14464	14653	16549	16682	16662	16437	13931	12896	12059	11893	13691
20 HYD,SM THRM & MISC RES	14/	-411	-407	-405	-406	-407	-446	-456	-455	-444	-389	-394	-397	-392	-405
21 LARGE THERMAL RESERVES	15/	-879	-887	-887	-854	-888	-885	-878	-873	-873	-776	-629	-495	-509	-712
22 PRIVATE HYDRO MAINT	16/	-657	-742	-722	-520	-333	-142	-106	-79	-305	-489	-427	-411	-336	-302
23 NET RESOURCES		13024	12806	12777	12685	13026	15075	15243	15254	14815	12277	11446	10757	10656	12272
24 SURPLUS/DEFICIT		-871	-889	-919	-974	-1419	-497	-1497	-2228	-2036	-2850	-2935	-3624	-3032	-1398
25 DEDICATED RESOURCES	17/	12226	12196	12144	11893	12123	12434	12543	12498	12273	11529	10577	9686	9793	11358
26 EXHIBIT I PURCH FR BPA	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT		-871	-889	-919	-974	-1419	-497	-1497	-2228	-2036	-2850	-2935	-3624	-3032	-1398

SUMMARY OF PRIVATE LOADS AND RESOURCES OF PACIFIC NORTHWEST REGION
BPA AREA UNDER THE PNW ELECTRIC POWER PLANNING AND CONSERVATION ACT

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1 SYSTEM LOADS		14148	13973	13973	14079	15462	16370	17556	19511	18887	16788	15909	15909	14835	14539
2 EXPORTS	1/	698	680	680	583	221	235	258	295	272	262	260	260	420	429
3 CONTRACTS OUT	2/	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS		14849	14656	14656	14665	15686	16608	17817	19809	19162	17053	16172	16172	15258	14971
RESOURCES															
5 SYSTEM HYDRO		4598	4522	4469	4422	4414	4370	4523	4513	4289	4193	4234	4258	4308	4523
6 CONTRACT HYDRO		2134	2133	2133	2133	2135	1620	1640	1628	1650	1631	1627	1626	1630	1622
7A CAN. ENT. RETURN (CSPE)	3/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	3/	-161	-161	-161	-161	-161	-107	-107	-107	-107	-107	-107	-107	-107	-107
8 RESTORATION	4/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		6571	6494	6442	6394	6388	5883	6056	6034	5832	5717	5754	5777	5831	6039
10 SMALL THERMAL & MISC	5/	98	95	95	68	74	189	198	203	195	95	98	97	43	39
11 COMBUSTION TURBINES	6/	622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
12 CSPE PURCHASE	7/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	8/	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	9/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	10/	1676	1630	1630	1501	1390	1756	1681	1653	1626	1380	966	966	1061	1654
16 CONTRACTS IN	11/	57	57	57	57	57	417	417	417	417	212	212	212	7	57
17 LARGE THERMAL	12/	4604	4596	4596	4592	4490	4490	4633	4646	4625	4023	3318	2942	1780	3449
18 PURPA RESOURCES	13/	309	304	304	305	306	307	310	312	311	310	310	310	316	315
19 TOTAL RESOURCES		13983	13844	13791	13677	13488	14543	14803	14779	14514	12336	11351	10998	9676	12229
20 HYD,SM THRM & MISC RES	14/	-390	-386	-383	-384	-386	-399	-409	-408	-398	-341	-348	-349	-347	-359
21 LARGE THERMAL RESERVES	15/	-878	-883	-883	-885	-862	-859	-870	-864	-858	-767	-622	-566	-388	-697
22 PRIVATE HYDRO MAINT	16/	-657	-747	-727	-520	-333	-142	-106	-79	-306	-492	-427	-411	-336	-302
23 NET RESOURCES		12057	11828	11798	11888	11908	13142	13418	13427	12952	10736	9953	9672	8605	10871
24 SURPLUS/DEFICIT		-2792	-2829	-2858	-2777	-3779	-3466	-4399	-6382	-6210	-6317	-6219	-6500	-6653	-4100
25 DEDICATED RESOURCES	17/	11478	11431	11379	11361	11340	11182	11290	11239	10974	10264	9353	8599	8309	10576
26 EXHIBIT I PURCH FR BPA	18/	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT		-2792	-2829	-2858	-2777	-3779	-3466	-4399	-6382	-6210	-6317	-6219	-6500	-6653	-4100

FOOTNOTES FOR PRIVATE UTILITIES TABLE 4

1/ Private utilities' exports includes Washington Water Power's contracts with Pacific Gas & Electric and Southern California Edison; Portland General Electric's contracts with Portland General Exchange, Pacific Gas & Electric, Southern California Edison, and Western area Power Administration; and Pacific Power & Light's transfer to its Northern California load and contracts with Pacific Gas & Electric, Southern California Edison, Sacramento Municipal Utility District, and Utah Power Company; and Washington Water Power's contracts with Pacific Gas & Electric and Southern California Edison.

2/ Private utilities' contracts out includes Idaho Power Company's contracts with Seattle City Light and Montana; Montana Power Company's contracts with Idaho and BPA; Pacific Power & Light's contracts with BPA, Colockum, and Puget Sound Power & Light; Portland General Electric's contracts with BPA, Chelan, and Pacific Power & Light; Puget Sound Power & Light's contracts with BPA; and Washington Water Power's contracts with BPA, Pacific Power & Light and Puget Sound Power & Light.

3/ Canadian Entitlement Return non-Federal (CSPE) reflects the private utilities' obligation of Canadian Entitlement allocation to CSPE which expires in April 2003. Canadian Entitlement Return non-Federal (Canada) reflects the private utilities' obligation of Canadian Entitlement allocation to Canada which begins in April 1998.

4/ 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.

5/ Private utilities' existing small thermal and miscellaneous resources includes Puget Sound Power & 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.

6/ Private utilities' combustion turbines includes Portland General Electric's Bethel and Beaver; Puget Sound Power & Light's Whidbey Island, Whitehorn, Frederickson, and Fredonia; Washington Water Power's Northeast; and Idaho Power Company's Wood River.

7/ Columbia Storage Power Exchange (CSPE) is the sale to Northwest utilities through operating year 2002-03 of the Canadian share of downstream benefits under the Treaty with Canada.

8/ Private utilities' renewable resources include Washington Water Power's Kettle Falls.

9/ There are no regional private utilities' cogeneration.

10/ Private utilities' imports includes Portland General Electric's contract with Southern California Edison; Pacific Power & Light's transfers with Pacific Power & Light's Wyoming division; Utah Power Company's intracompany transfer; and Washington Water Power's contracts with BC Hydro, Pacific Gas & Electric, and Southern California Edison.

11/ Public agencies' contracts includes Montana's and Seattle's contracts to Idaho; BPA's and Idaho's contracts to Montana; BPA's, Colockum's, Grant's, Portland General Electric's and Washington Water Power's contracts to Pacific Power; BPA's and Chelan's contracts to Portland General Electric; BPA's, Northern Wasco's, Pacific Power's and Washington Water Power's contracts to Puget Sound Power & Light; BPA's and Grant's contracts to Washington Water Power.

12/ Private utilities' large thermal includes the private utilities' shares of Centralia, Trojan, Jim Bridger, Colstrip 1 & 2, Colstrip 3 & 4, Boardman Coal and Valmy; and Puget Sound Power & Light's purchase of Grays Harbor's share of Centralia.

13/ Each private utilities' total PURPA firm resources are included for Idaho Power, Montana Power, Pacific Power & Light, Portland General Electric, Puget Sound Power & Light and Washington Water Power.

14/ 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.

15/ Large thermal reserves requirements are 15 percent of the private utilities' share of Pacific Northwest thermal resources and the Pacific Power and Light import from Wyoming.

16/ Hydro maintenance is the sum of the private utilities' hydro maintenance based on the mean of the 1983-84 through 1987-88 schedules submitted to the Northwest Power Pool.

17/ 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.

18/ Private utilities' firm-energy purchases from BPA under their power sales contracts and BPA's partnership program. Puget Sound Power & Light is the only private utility currently placing a load on BPA.

TABLE S-1 MEDIUM BPA FORECAST

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING REGIONAL CONTRACTS AND
NO RESOURCE ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	7859	8628	7687	7087	6349	8226	8533	7572	6489	7901	6630	6667	8722	9167
1991-92	7568	8536	7595	6837	6492	8009	8367	7461	6451	7356	6283	6312	8845	8677
1992-93	7467	8262	7321	6922	6321	7828	8191	7169	6031	7084	6458	6491	8690	8122
1993-94	7191	7990	7049	6877	6066	7560	8102	7080	6000	7092	5813	5842	8389	7673
1994-95	6963	7774	6833	6416	5873	7244	7725	6760	5564	7181	5981	6018	7775	7688
1995-96	6932	7769	6828	6600	5915	6986	7342	6497	5377	6970	5230	5258	7811	8208
1996-97	6872	7670	6730	6498	5769	6841	7179	6213	5045	6713	5298	5332	7671	7868
1997-98	6578	7395	6454	6041	5467	6502	6811	5809	4679	6167	5323	5352	7488	6906
1998-99	6222	7015	6075	5566	5022	6024	6305	5260	4116	5686	4095	4133	6309	6375
1999-00	5403	6182	5244	4958	3897	5150	5506	4498	3446	4935	3725	3754	6948	6398
2000-01	5110	5912	4974	4483	3693	4910	5133	4133	3015	4815	3347	3382	6207	5715
2001-02	4917	5732	4795	4492	3460	4638	4820	3903	2731	4367	3074	3103	5576	5858
2002-03	4681	5445	4510	3813	3127	4271	4430	3428	2351	3998	2782	2822	4626	5085
2003-04	3589	4530	3594	2843	2139	3258	3398	2279	1271	2925	2348	2377	4692	4136
2004-05	3385	4175	3239	2669	1635	2684	2884	1742	666	2471	1811	1848	4266	3788
2005-06	3052	3834	2898	2532	1311	2318	2363	1276	225	2076	966	995	4499	4067
2006-07	2706	3518	2582	1998	1135	2078	2087	968	-68	2036	550	590	3271	3485
2007-08	2554	3385	2449	2050	733	1610	1583	464	-511	1615	152	206	3170	3619
2008-09	2313	3104	2168	1755	380	1637	1660	-106	-1194	1137	-118	327	2534	3075
2009-10	2252	3041	2105	1672	148	1348	1474	-808	-1897	541	-676	-231	1924	2729

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TABLE S-2 MEDIUM BPA FORECAST

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING FEDERAL CONTRACTS AND
NO FEDERAL SYSTEM ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	2916	3723	2823	2688	2154	3410	4735	4488	3188	5109	4255	4713	6798	4438
1991-92	3049	3869	2969	3829	3303	4644	6018	5810	4531	6420	5548	6006	8136	5797
1992-93	4460	5257	4357	4254	3669	4776	6141	5878	4536	6464	5679	6136	8186	5872
1993-94	4469	5274	4375	4257	3705	4823	6189	5925	4613	6563	5712	6169	8309	5959
1994-95	4667	5461	4562	4420	3856	4922	6179	5961	4581	6695	5891	6348	8384	6064
1995-96	4938	5730	4831	4680	4092	4884	6134	5887	4523	6620	5742	6201	8329	6305
1996-97	5298	6105	5205	5047	4440	5221	6469	6229	4856	6969	6035	6493	8620	6598
1997-98	5224	6018	5118	4948	4314	5077	6306	6071	4710	6851	5943	6401	8456	6413
1998-99	5088	5887	4982	4804	4150	4897	6115	5877	4516	6675	5519	5977	8021	6049
1999-00	5010	5782	4867	4698	4300	4720	5917	5690	4355	6779	5592	6049	8268	5975
2000-01	4936	5706	4786	4609	4198	4608	5821	5619	4245	6687	5490	5950	8093	5887
2001-02	4941	5701	4774	4601	4182	4575	5777	5580	4208	6668	5482	5941	8006	5898
2002-03	4874	5629	4697	4519	4088	4462	5650	5468	4099	6570	5089	5548	7587	5433
2003-04	4431	5134	4202	4041	3606	3962	5145	4932	3586	6056	4930	5389	7435	5192
2004-05	4320	5011	4079	3910	3463	3800	4960	4736	3390	5897	4771	5229	7285	5178
2005-06	4172	4861	3929	3755	3288	3464	4602	4359	3029	5577	4357	4816	7047	4878
2006-07	3921	4574	3642	3460	2979	3295	4418	4178	2856	5419	4208	4668	6831	4747
2007-08	3805	4455	3523	3335	2840	3207	4313	4087	2766	5349	4146	4632	6752	4692
2008-09	3442	4091	3159	2964	2448	3344	4442	4207	2896	5217	4022	4482	6613	4829
2009-10	3575	4221	3289	3087	2553	3044	4118	3859	2558	4904	3721	4181	6324	4555

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SECTION VIII - Individual Utility Load and Resource Balances
(OY 1990-91, 1995-96, 2000-01 and 2009-10)

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TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2147	1976	1976	1822	1757	1918	2041	2077	2040	1637	1736	1736	1817	2146
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	50	50	50	50	0	0	0	0	0
4 TOTAL LOADS	2147	1976	1976	1822	1757	1968	2091	2127	2090	1637	1736	1736	1817	2146
RESOURCES														
5 SYSTEM HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	75	75	75	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	981	981	981	811	981	981	981	981	981	928	756	809	809	983
18 PURPA RESOURCES	98	98	98	98	98	98	98	98	98	98	98	98	98	98
19 TOTAL RESOURCES	2871	2815	2786	2496	2669	2654	2783	2808	2645	2753	2499	2565	2591	2672
20 HYD,SM THRM & MISC RESERVES	-91	-88	-86	-84	-84	-84	-90	-91	-83	-91	-87	-88	-89	-84
21 LARGE THERMAL RESERVES	-147	-147	-147	-122	-147	-147	-147	-147	-147	-139	-113	-121	-121	-147
22 HYDRO MAINTENANCE	-86	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10
23 NET RESOURCES	2547	2499	2471	2224	2392	2408	2545	2570	2375	2426	2259	2316	2363	2430
24 SURPLUS/DEFICIT	400	523	495	403	635	441	455	443	285	789	522	580	546	284
25 DEDICATED RESOURCES	2501	2445	2416	2201	2374	2359	2488	2513	2350	2511	2257	2270	2296	2377
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	400	523	495	403	635	441	455	443	285	789	522	580	546	284

TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2271	2093	2093	1939	1888	2061	2183	2239	2138	1956	1847	1847	1902	2236
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	50	50	50	50	0	0	0	0	0
4 TOTAL LOADS	2271	2093	2093	1939	1888	2111	2233	2289	2188	1956	1847	1847	1902	2236
RESOURCES														
5 SYSTEM HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	75	75	75	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	983	983	983	983	983	983	983	983	983	758	758	811	811	983
18 PURPA RESOURCES	104	104	104	104	104	104	104	104	104	104	104	104	104	104
19 TOTAL RESOURCES	2879	2823	2793	2674	2677	2661	2791	2816	2652	2589	2507	2573	2599	2677
20 HYD,SM THRM & MISC RESERVES	-91	-88	-87	-85	-85	-84	-90	-92	-83	-92	-87	-88	-89	-85
21 LARGE THERMAL RESERVES	-147	-147	-147	-147	-147	-147	-147	-147	-147	-114	-114	-122	-122	-147
22 HYDRO MAINTENANCE	-86	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10
23 NET RESOURCES	2554	2506	2478	2376	2399	2415	2553	2577	2382	2287	2266	2323	2370	2436
24 SURPLUS/DEFICIT	283	413	385	438	511	305	320	288	195	331	419	476	469	200
25 DEDICATED RESOURCES	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	283	413	385	438	511	305	320	288	195	331	419	476	469	200

TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2329	2154	2154	2011	1988	2173	2307	2373	2303	2073	1957	1957	1989	2325
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	2329	2154	2154	2011	1988	2173	2307	2373	2303	2073	1957	1957	1989	2325
RESOURCES														
5 SYSTEM HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	983	983	983	811	983	983	983	983	983	758	758	811	811	811
18 PURPA RESOURCES	104	104	104	104	104	104	104	104	104	104	104	104	104	104
19 TOTAL RESOURCES	2804	2748	2718	2502	2677	2661	2791	2816	2652	2589	2507	2573	2599	2505
20 HYD,SM THRM & MISC RESERVES	-91	-88	-87	-85	-85	-84	-90	-92	-83	-92	-87	-88	-89	-85
21 LARGE THERMAL RESERVES	-147	-147	-147	-122	-147	-147	-147	-147	-147	-114	-114	-122	-122	-122
22 HYDRO MAINTENANCE	-86	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10
23 NET RESOURCES	2479	2431	2403	2230	2399	2415	2553	2577	2382	2287	2266	2323	2370	2290
24 SURPLUS/DEFICIT	150	277	249	219	412	243	246	204	79	214	308	366	382	-35
25 DEDICATED RESOURCES	2509	2453	2423	2207	2382	2366	2496	2521	2357	2347	2265	2278	2304	2210
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	150	277	249	219	412	243	246	204	79	214	308	366	382	-35

TABLE U-1

IDAHO LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2564	2378	2378	2231	2250	1749	1757	2730	2513	2377	2243	2243	2224	2584
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	2564	2378	2378	2231	2250	1749	1757	2730	2513	2377	2243	2243	2224	2584
RESOURCES														
5 SYSTEM HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	50	50	50	50	50	50	50	50	50	50	50	50	50	50
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	983	983	983	983	862	862	983	983	983	758	758	811	690	862
18 PURPA RESOURCES	104	104	104	104	104	104	104	104	104	104	104	104	104	104
19 TOTAL RESOURCES	2804	2748	2718	2674	2556	2540	2791	2816	2652	2589	2507	2573	2478	2556
20 HYD,SM THRM & MISC RESERVES	-91	-88	-87	-85	-85	-84	-90	-92	-83	-92	-87	-88	-89	-85
21 LARGE THERMAL RESERVES	-147	-147	-147	-147	-129	-129	-147	-147	-147	-114	-114	-122	-103	-129
22 HYDRO MAINTENANCE	-86	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10
23 NET RESOURCES	2479	2431	2403	2376	2297	2313	2553	2577	2382	2287	2266	2323	2267	2333
24 SURPLUS/DEFICIT	-85	53	25	146	47	564	795	-153	-131	-90	23	80	44	-252
25 DEDICATED RESOURCES	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-85	53	25	146	47	564	795	-153	-131	-90	23	80	44	-252

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	417	407	407	383	412	441	469	503	455	407	373	373	360	388
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	75	75	75	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	492	482	482	383	412	441	469	503	455	407	373	373	360	388
RESOURCES														
5 SYSTEM HYDRO	91	87	87	82	93	100	110	122	104	86	83	104	118	91
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	91	87	87	82	93	100	110	122	104	86	83	104	118	91
10 SMALL THERMAL & MISC	40	39	39	26	30	45	50	56	48	39	39	48	15	12
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	180	180	180	180	180	230	230	230	230	180	180	180	180	180
17 LARGE THERMAL	101	97	97	91	104	112	124	139	119	98	67	36	41	101
18 PURPA RESOURCES	5	4	4	4	5	5	6	6	5	4	4	5	6	5
19 TOTAL RESOURCES	417	407	407	382	412	491	519	553	505	407	373	373	360	388
20 HYD,SM THRM & MISC RESERVES	-7	-7	-7	-6	-6	-7	-8	-9	-8	-6	-6	-8	-7	-5
21 LARGE THERMAL RESERVES	-15	-14	-14	-14	-16	-17	-19	-21	-18	-15	-10	-5	-6	-15
22 HYDRO MAINTENANCE	-1	-6	-6	0	0	0	0	0	-2	-4	0	0	0	0
23 NET RESOURCES	394	379	379	363	390	467	492	523	478	382	357	360	347	367
24 SURPLUS/DEFICIT	-98	-102	-102	-19	-22	26	23	20	22	-25	-16	-13	-13	-21
25 DEDICATED RESOURCES	375	366	366	355	380	394	417	445	406	366	333	323	342	375
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-98	-102	-102	-19	-22	26	23	20	22	-25	-16	-13	-13	-21

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	436	423	423	398	430	457	488	525	475	423	385	385	372	403
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	75	75	75	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	511	498	498	398	430	457	488	525	475	423	385	385	372	403
RESOURCES														
5 SYSTEM HYDRO	98	93	93	88	101	105	117	130	111	91	87	88	126	121
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	98	93	93	88	101	105	117	130	111	91	87	88	126	121
10 SMALL THERMAL & MISC	44	41	41	28	32	47	53	59	51	42	41	41	16	15
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	180	180	180	180	180	230	230	230	230	180	180	180	180	180
17 LARGE THERMAL	109	103	103	97	112	118	132	148	127	105	71	71	43	81
18 PURPA RESOURCES	5	5	5	5	6	6	7	7	6	5	5	5	7	7
19 TOTAL RESOURCES	436	423	423	398	430	507	538	575	525	423	384	384	372	403
20 HYD,SM THRM & MISC RESERVES	-7	-7	-7	-6	-7	-8	-9	-10	-8	-7	-7	-7	-7	-7
21 LARGE THERMAL RESERVES	-16	-15	-15	-15	-17	-18	-20	-22	-19	-16	-11	-11	-6	-12
22 HYDRO MAINTENANCE	-1	-7	-7	0	0	0	0	0	-2	-4	0	0	0	0
23 NET RESOURCES	411	394	394	377	406	481	510	543	496	397	367	367	358	384
24 SURPLUS/DEFICIT	-100	-104	-104	-21	-24	24	21	18	20	-26	-17	-17	-14	-20
25 DEDICATED RESOURCES	390	380	380	368	396	407	433	463	422	379	342	342	353	386
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-100	-104	-104	-21	-24	24	21	18	20	-26	-17	-17	-14	-20

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	464	448	448	422	455	482	519	552	505	448	403	403	390	427
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	464	448	448	422	455	482	519	552	505	448	403	403	390	427
RESOURCES														
5 SYSTEM HYDRO	138	133	133	129	142	144	158	169	151	130	112	136	174	165
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	138	133	133	129	142	144	158	169	151	130	112	136	174	165
10 SMALL THERMAL & MISC	62	59	59	41	45	65	71	77	69	60	52	63	23	21
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17 LARGE THERMAL	154	147	147	143	158	162	178	193	173	149	130	94	79	128
18 PURPA RESOURCES	10	10	10	10	11	11	12	13	12	10	9	11	13	12
19 TOTAL RESOURCES	464	448	448	422	455	482	519	552	505	448	403	403	389	427
20 HYD,SM THRM & MISC RESERVES	-11	-10	-10	-9	-10	-11	-12	-13	-12	-10	-9	-10	-11	-10
21 LARGE THERMAL RESERVES	-23	-22	-22	-21	-24	-24	-27	-29	-26	-22	-20	-14	-12	-19
22 HYDRO MAINTENANCE	-1	-10	-10	0	0	0	0	0	-3	-6	0	0	0	0
23 NET RESOURCES	429	407	407	392	422	446	480	510	464	410	375	379	367	397
24 SURPLUS/DEFICIT	-35	-42	-42	-30	-34	-35	-39	-42	-41	-38	-28	-25	-22	-30
25 DEDICATED RESOURCES	400	387	387	379	407	414	445	471	433	386	349	338	363	402
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-35	-42	-42	-30	-34	-35	-39	-42	-41	-38	-28	-25	-22	-30

TABLE U-2

MONTANA REGIONAL LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	544	525	525	492	533	558	608	637	587	520	464	464	445	493
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	544	525	525	492	533	558	608	637	587	520	464	464	445	493
RESOURCES														
5 SYSTEM HYDRO	207	200	200	197	213	211	229	238	219	194	196	198	288	263
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	207	200	200	197	213	211	229	238	219	194	196	198	288	263
10 SMALL THERMAL & MISC	92	89	89	62	68	95	103	109	101	89	92	91	37	33
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	229	221	221	218	236	236	258	272	251	222	160	159	98	176
18 PURPA RESOURCES	16	15	15	15	16	16	18	18	17	15	15	15	22	20
19 TOTAL RESOURCES	544	525	525	492	533	558	608	637	587	520	464	464	445	492
20 HYD,SM THRM & MISC RESERVES	-16	-15	-15	-14	-15	-16	-17	-18	-17	-15	-15	-15	-17	-16
21 LARGE THERMAL RESERVES	-34	-33	-33	-33	-35	-35	-39	-41	-38	-33	-24	-24	-15	-26
22 HYDRO MAINTENANCE	-2	-14	-14	0	0	0	0	0	-5	-8	0	0	0	-1
23 NET RESOURCES	491	462	462	445	483	506	552	578	528	464	425	425	413	450
24 SURPLUS/DEFICIT	-52	-63	-63	-46	-50	-52	-56	-59	-59	-57	-39	-39	-32	-43
25 DEDICATED RESOURCES	448	432	432	425	461	459	500	523	483	428	369	369	402	454
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-52	-63	-63	-46	-50	-52	-56	-59	-59	-57	-39	-39	-32	-43

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1	SYSTEM LOADS	2565	2521	2521	2579	2773	2991	3254	3347	3184	2901	2794	2794	2681	2489
2	EXPORTS	498	482	482	420	341	373	393	395	373	368	346	346	355	453
3	CONTRACTS OUT	155	155	155	155	155	155	155	155	155	155	155	155	155	155
4	TOTAL LOADS	3218	3158	3158	3154	3269	3519	3802	3897	3712	3424	3295	3295	3191	3097
RESOURCES															
5	SYSTEM HYDRO	860	848	825	828	805	781	792	773	793	649	830	823	633	861
6	CONTRACT HYDRO	449	448	448	449	450	448	454	450	452	449	449	448	449	448
7A	CAN. ENT. RETURN (CSPE)	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-26	-26	-26	-26
7B	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	1280	1267	1244	1247	1225	1200	1218	1194	1217	1069	1253	1244	1056	1283
10	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	102	102	102	102	102	102	102	102	102	102	93	93	93	93
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	1565	1585	1585	1280	1565	1550	1495	1390	1415	1155	1170	1170	1130	1465
16	CONTRACTS IN	1397	1397	1397	1397	1397	1398	1398	1398	1398	1397	1391	1391	1391	1391
17	LARGE THERMAL	776	776	776	776	776	776	776	776	776	776	472	374	304	706
18	PURPA RESOURCES	102	102	102	102	102	102	102	102	102	102	102	102	102	102
19	TOTAL RESOURCES	5222	5229	5206	4904	5167	5128	5090	4962	5010	4601	4481	4375	4077	5041
20	HYD,SM THRM & MISC RESERVES	-71	-70	-69	-69	-68	-67	-67	-66	-67	-60	-69	-69	-59	-71
21	LARGE THERMAL RESERVES	-351	-354	-354	-308	-351	-349	-341	-325	-329	-290	-246	-232	-215	-326
22	HYDRO MAINTENANCE	-247	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103
23	NET RESOURCES	4553	4630	4626	4447	4696	4684	4659	4548	4582	4199	4088	3987	3711	4542
24	SURPLUS/DEFICIT	1335	1472	1468	1294	1426	1165	857	651	870	775	793	692	519	1445
25	DEDICATED RESOURCES	5062	5069	5046	4744	5007	4968	4930	4802	4849	4441	4321	4215	3916	4881
26	EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT	1335	1472	1468	1294	1426	1165	857	651	870	775	793	692	519	1445

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1	SYSTEM LOADS	2702	2652	2652	2712	2911	3136	3428	3503	3316	3037	2925	2925	2806	2597
2	EXPORTS	502	485	485	422	343	375	396	299	275	271	269	269	278	376
3	CONTRACTS OUT	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4	TOTAL LOADS	3404	3337	3337	3334	3454	3711	4024	4002	3791	3508	3394	3394	3284	3173
RESOURCES															
5	SYSTEM HYDRO	860	848	825	828	805	781	792	773	793	649	830	823	633	861
6	CONTRACT HYDRO	449	448	448	449	450	448	454	450	452	449	449	448	449	448
7A	CAN. ENT. RETURN (CSPE)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-13	-13	-13	-13
7B	CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	1294	1280	1257	1261	1239	1213	1231	1207	1230	1083	1266	1258	1069	1297
10	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	58	58	58	58	58	58	58	58	58	58	49	49	49	49
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	IMPORTS	1385	1470	1470	1475	1445	1425	1370	1330	1345	1305	820	820	760	1385
16	CONTRACTS IN	132	132	132	132	132	297	297	292	292	210	205	205	123	123
17	LARGE THERMAL	776	776	776	776	776	776	776	776	776	776	472	374	374	706
18	PURPA RESOURCES	102	102	102	102	102	102	102	102	102	102	102	102	102	102
19	TOTAL RESOURCES	3747	3818	3795	3803	3751	3871	3834	3765	3803	3534	2913	2808	2477	3661
20	HYD,SM THRM & MISC RESERVES	-71	-70	-69	-69	-68	-67	-67	-66	-67	-60	-69	-69	-59	-71
21	LARGE THERMAL RESERVES	-324	-337	-337	-338	-333	-330	-322	-316	-318	-312	-194	-179	-170	-314
22	HYDRO MAINTENANCE	-247	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103
23	NET RESOURCES	3104	3236	3232	3317	3298	3446	3421	3360	3386	3108	2573	2472	2156	3174
24	SURPLUS/DEFICIT	-299	-101	-105	-17	-157	-265	-603	-642	-405	-400	-821	-922	-1128	2
25	DEDICATED RESOURCES	3697	3768	3746	3754	3702	3658	3620	3552	3589	3402	2782	2676	2427	3612
26	EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	SURPLUS/DEFICIT W/EXHIBIT	-299	-101	-105	-17	-157	-265	-603	-642	-405	-400	-821	-922	-1128	2

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2829	2780	2780	2841	3052	3287	3592	3717	3519	3224	3104	3104	2977	2756
2 EXPORTS	338	321	321	257	269	281	302	308	282	278	276	276	285	294
3 CONTRACTS OUT	200	200	200	200	200	200	200	200	200	200	200	200	200	200
4 TOTAL LOADS	3367	3301	3301	3298	3521	3768	4094	4225	4001	3702	3580	3580	3462	3250
RESOURCES														
5 SYSTEM HYDRO	860	848	825	828	805	781	792	773	793	649	830	823	633	861
6 CONTRACT HYDRO	449	448	448	449	450	448	454	450	452	449	449	448	449	448
7A CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
7B CAN. ENT. RETURN (CANADA)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1283	1269	1247	1250	1228	1203	1220	1197	1219	1072	1253	1244	1056	1283
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	19	19	19	19	19	19	19	19	19	19	19	19	19	19
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	1335	1390	1390	1345	1385	1365	1300	1250	1270	1225	750	750	1180	1060
16 CONTRACTS IN	13	13	13	13	13	177	177	177	177	95	94	94	12	12
17 LARGE THERMAL	776	776	776	776	776	776	776	776	776	776	472	374	374	706
18 PURPA RESOURCES	102	102	102	102	102	102	102	102	102	102	102	102	102	102
19 TOTAL RESOURCES	3528	3569	3546	3505	3523	3641	3594	3520	3563	3289	2690	2584	2743	3182
20 HYD,SM THRM & MISC RESERVES	-71	-70	-69	-69	-68	-67	-67	-66	-67	-60	-69	-69	-59	-71
21 LARGE THERMAL RESERVES	-317	-325	-325	-318	-324	-321	-311	-304	-307	-300	-183	-169	-233	-265
22 HYDRO MAINTENANCE	-247	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103
23 NET RESOURCES	2893	2999	2996	3038	3078	3225	3192	3127	3157	2875	2360	2259	2359	2744
24 SURPLUS/DEFICIT	-474	-301	-305	-260	-443	-543	-902	-1097	-843	-826	-1220	-1321	-1102	-506
25 DEDICATED RESOURCES	3492	3534	3511	3469	3487	3442	3394	3321	3363	3171	2572	2466	2708	3147
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-474	-301	-305	-260	-443	-543	-902	-1097	-843	-826	-1220	-1321	-1102	-506

TABLE U-3

PP&L LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	3154	3093	3093	3166	3402	3664	4006	4207	4189	3651	3517	3517	3370	3116
2 EXPORTS	153	135	135	68	81	95	118	125	102	92	90	90	100	109
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	3307	3228	3228	3234	3483	3759	4124	4332	4291	3743	3607	3607	3470	3225
RESOURCES														
5 SYSTEM HYDRO	860	848	825	828	805	781	792	773	793	649	830	823	633	861
6 CONTRACT HYDRO	324	324	324	324	325	154	160	155	158	154	154	153	154	154
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-28	-28	-28	-28	-28	-10	-10	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1157	1143	1120	1123	1101	924	941	918	940	793	974	966	777	1004
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	1250	1290	1290	1305	1260	1240	1170	1115	1096	1090	830	830	810	1195
16 CONTRACTS IN	3	3	3	3	3	167	167	167	167	85	85	85	3	3
17 LARGE THERMAL	776	776	776	776	776	776	776	776	776	776	472	444	304	636
18 PURPA RESOURCES	95	95	95	95	95	95	95	95	95	95	95	95	95	95
19 TOTAL RESOURCES	3280	3306	3283	3302	3235	3201	3149	3070	3073	2839	2455	2419	1989	2933
20 HYD,SM THRM & MISC RESERVES	-64	-63	-62	-62	-61	-51	-52	-51	-52	-45	-54	-54	-44	-55
21 LARGE THERMAL RESERVES	-304	-310	-310	-312	-305	-302	-292	-284	-281	-280	-195	-191	-167	-275
22 HYDRO MAINTENANCE	-247	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103
23 NET RESOURCES	2665	2758	2754	2848	2815	2819	2781	2713	2709	2461	2129	2087	1686	2500
24 SURPLUS/DEFICIT	-642	-470	-473	-386	-667	-941	-1343	-1619	-1582	-1282	-1478	-1520	-1784	-725
25 DEDICATED RESOURCES	3234	3261	3238	3256	3188	2992	2933	2859	2860	2711	2327	2292	1943	2887
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-642	-470	-473	-386	-667	-941	-1343	-1619	-1582	-1282	-1478	-1520	-1784	-725

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2220	2332	2332	2197	2500	2768	2929	3118	2971	2747	2668	2668	2481	2217
2 EXPORTS	605	605	605	622	622	122	122	105	105	105	105	105	105	330
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	2828	2940	2940	2822	3125	2893	3054	3226	3079	2855	2776	2776	2589	2550
RESOURCES														
5 SYSTEM HYDRO	614	614	614	614	614	614	614	614	614	614	614	614	614	614
6 CONTRACT HYDRO	623	623	623	623	623	623	636	629	648	633	629	629	632	625
7A CAN. ENT. RETURN (CSPE)	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41	-37	-37	-37	-37
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1196	1195	1195	1195	1195	1195	1209	1202	1221	1205	1206	1206	1209	1201
10 SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 COMBUSTION TURBINES	514	514	514	605	620	637	645	650	644	436	538	538	530	522
12 CSPE PURCHASE	179	179	179	179	179	179	179	179	179	179	163	163	163	163
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	225	225	225	225	0	0	0	0	0
16 CONTRACTS IN	437	437	437	484	484	623	623	576	576	494	486	486	404	429
17 LARGE THERMAL	1406	1406	1406	1406	1406	1406	1406	1406	1406	1057	1041	505	365	1266
18 PURPA RESOURCES	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19 TOTAL RESOURCES	3762	3762	3762	3900	3915	4296	4318	4268	4282	3402	3465	2929	2701	3612
20 HYD,SM THRM & MISC RESERVES	-89	-89	-89	-94	-94	-95	-96	-96	-97	-86	-91	-91	-90	-90
21 LARGE THERMAL RESERVES	-211	-211	-211	-211	-211	-211	-211	-211	-211	-159	-156	-76	-55	-190
22 HYDRO MAINTENANCE	-151	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119
23 NET RESOURCES	3311	3283	3278	3457	3533	3960	3984	3938	3942	3089	3137	2673	2441	3214
24 SURPLUS/DEFICIT	483	343	338	635	408	1067	930	712	863	235	361	-103	-148	664
25 DEDICATED RESOURCES	2528	2528	2528	2546	2549	2551	2553	2554	2552	2510	2496	1751	1749	2509
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	483	343	338	635	408	1067	930	712	863	235	361	-103	-148	664

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2437	2561	2561	2392	2713	2969	3144	3346	3180	2943	2866	2866	2680	2429
2 EXPORTS	395	395	395	365	140	140	140	170	170	170	170	170	170	395
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	2835	2959	2959	2760	2856	3112	3287	3519	3353	3116	3039	3039	2853	2827
RESOURCES														
5 SYSTEM HYDRO	614	614	614	614	614	614	614	614	614	614	614	614	614	614
6 CONTRACT HYDRO	623	623	623	623	623	623	636	629	648	633	629	629	632	625
7A CAN. ENT. RETURN (CSPE)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-18	-18	-18	-18
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1215	1214	1214	1214	1214	1214	1228	1220	1240	1224	1224	1224	1227	1220
10 SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 COMBUSTION TURBINES	514	514	514	605	620	637	645	650	644	436	538	538	530	522
12 CSPE PURCHASE	101	101	101	101	101	101	101	101	101	101	85	85	85	85
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	225	225	225	225	0	0	0	0	0
16 CONTRACTS IN	174	174	174	174	174	288	288	288	288	206	199	199	117	167
17 LARGE THERMAL	1406	1406	1406	1406	1406	1406	1406	1406	1406	1057	1041	505	505	1266
18 PURPA RESOURCES	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19 TOTAL RESOURCES	3440	3440	3440	3531	3546	3902	3924	3921	3935	3055	3119	2582	2494	3290
20 HYD,SM THRM & MISC RESERVES	-89	-89	-89	-94	-94	-95	-96	-96	-97	-86	-91	-91	-90	-90
21 LARGE THERMAL RESERVES	-211	-211	-211	-211	-211	-211	-211	-211	-211	-159	-156	-76	-76	-190
22 HYDRO MAINTENANCE	-151	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119
23 NET RESOURCES	2989	2961	2956	3088	3164	3566	3590	3591	3595	2742	2791	2327	2213	2892
24 SURPLUS/DEFICIT	154	3	-2	328	308	454	304	72	243	-374	-249	-713	-640	66
25 DEDICATED RESOURCES	2226	2226	2226	2245	2247	2250	2251	2252	2251	2208	2195	1449	1448	2208
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	154	3	-2	328	308	454	304	72	243	-374	-249	-713	-640	66

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2661	2797	2797	2597	2939	3188	3368	3579	3405	3158	3069	3069	2881	2631
2 EXPORTS	395	395	395	365	140	140	140	170	170	170	170	170	170	395
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	3059	3195	3195	2965	3082	3331	3511	3752	3578	3331	3242	3242	3054	3029
RESOURCES														
5 SYSTEM HYDRO	614	614	614	614	614	614	614	614	614	614	614	614	614	614
6 CONTRACT HYDRO	623	623	623	623	623	623	636	629	648	633	629	629	632	625
7A CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
7B CAN. ENT. RETURN (CANADA)	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1199	1199	1199	1199	1199	1199	1213	1205	1225	1209	1206	1206	1208	1201
10 SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 COMBUSTION TURBINES	514	514	514	605	620	637	645	650	644	436	538	538	530	522
12 CSPE PURCHASE	34	34	34	34	34	34	34	34	34	34	33	33	33	33
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	225	225	225	225	0	0	0	0	0
16 CONTRACTS IN	64	64	64	64	64	178	178	178	178	96	95	95	13	63
17 LARGE THERMAL	1406	1406	1406	1406	1406	1406	1406	1406	1406	1057	1041	505	505	1266
18 PURPA RESOURCES	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19 TOTAL RESOURCES	3248	3247	3247	3338	3353	3709	3731	3728	3742	2862	2944	2408	2320	3116
20 HYD,SM THRM & MISC RESERVES	-89	-89	-89	-94	-94	-95	-96	-96	-97	-86	-91	-91	-90	-90
21 LARGE THERMAL RESERVES	-211	-211	-211	-211	-211	-211	-211	-211	-211	-159	-156	-76	-76	-190
22 HYDRO MAINTENANCE	-151	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119
23 NET RESOURCES	2796	2769	2764	2895	2971	3373	3397	3398	3402	2549	2616	2152	2039	2718
24 SURPLUS/DEFICIT	-263	-427	-432	-70	-111	42	-114	-354	-176	-782	-626	-1090	-1015	-311
25 DEDICATED RESOURCES	2113	2113	2113	2132	2134	2137	2138	2139	2138	2095	2100	1355	1354	2114
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-263	-427	-432	-70	-111	42	-114	-354	-176	-782	-626	-1090	-1015	-311

TABLE U-4

PGE LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	3053	3213	3213	2972	3358	3622	3820	4114	3912	3629	3528	3528	3320	3049
2 EXPORTS	395	395	395	365	140	140	140	170	170	170	170	170	170	170
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	3451	3611	3611	3340	3501	3765	3963	4287	4085	3802	3701	3701	3493	3222
RESOURCES														
5 SYSTEM HYDRO	614	614	614	614	614	614	614	614	614	614	614	614	614	614
6 CONTRACT HYDRO	499	498	498	498	498	328	342	334	354	338	334	334	337	330
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-45	-45	-45	-45	-45	-27	-27	-27	-27	-27	-27	-27	-27	-27
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1068	1067	1067	1067	1067	915	929	921	941	925	921	921	924	917
10 SMALL THERMAL & MISC	6	6	6	6	6	6	6	6	6	6	6	6	6	6
11 COMBUSTION TURBINES	514	514	514	605	620	637	645	650	644	436	538	538	530	522
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	225	225	225	225	0	0	0	0	0
16 CONTRACTS IN	50	50	50	50	50	164	164	164	164	82	82	82	0	50
17 LARGE THERMAL	1406	1406	1406	1406	1406	1406	1406	1406	1406	1057	1041	645	365	1126
18 PURPA RESOURCES	25	25	25	25	25	25	25	25	25	25	25	25	25	25
19 TOTAL RESOURCES	3069	3068	3068	3159	3174	3378	3400	3397	3411	2531	2614	2218	1850	2646
20 HYD,SM THRM & MISC RESERVES	-83	-83	-83	-87	-88	-80	-82	-81	-82	-71	-76	-76	-76	-75
21 LARGE THERMAL RESERVES	-211	-211	-211	-211	-211	-211	-211	-211	-211	-159	-156	-97	-55	-169
22 HYDRO MAINTENANCE	-151	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119
23 NET RESOURCES	2624	2596	2591	2723	2798	3056	3081	3082	3086	2233	2301	1956	1604	2283
24 SURPLUS/DEFICIT	-828	-1015	-1020	-618	-702	-709	-882	-1205	-999	-1570	-1401	-1746	-1889	-939
25 DEDICATED RESOURCES	1934	1934	1934	1953	1955	1806	1807	1808	1807	1764	1770	1025	1023	1783
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-828	-1015	-1020	-618	-702	-709	-882	-1205	-999	-1570	-1401	-1746	-1889	-939

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2195	2194	2194	2585	2991	3460	3803	3928	3843	3326	3108	3108	2733	2366
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	2195	2194	2194	2585	2991	3460	3803	3928	3843	3326	3108	3108	2733	2366
RESOURCES														
5 SYSTEM HYDRO	308	308	308	308	307	304	298	287	268	258	248	260	281	303
6 CONTRACT HYDRO	1472	1472	1472	1472	1472	1473	1474	1475	1473	1473	1472	1474	1480	1472
7A CAN. ENT. RETURN (CSPE)	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-55	-55	-55	-55
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1717	1718	1718	1718	1717	1715	1710	1700	1679	1668	1665	1679	1706	1719
10 SMALL THERMAL & MISC	0	0	0	0	0	89	89	89	89	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	699	699	699	699	0	0	0	0	0
12 CSPE PURCHASE	179	179	179	179	179	179	179	179	179	179	163	163	163	163
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	518	518	518	518	818	907	907	907	907	900	586	586	504	504
17 LARGE THERMAL	808	808	808	808	808	808	808	808	808	808	577	405	230	633
18 PURPA RESOURCES	53	53	53	53	53	53	53	53	53	53	53	53	53	53
19 TOTAL RESOURCES	3275	3275	3275	3275	3575	4450	4445	4434	4413	3608	3045	2886	2657	3073
20 HYD,SM THRM & MISC RESERVES	-92	-92	-92	-92	-92	-131	-131	-130	-129	-89	-89	-89	-91	-91
21 LARGE THERMAL RESERVES	-121	-121	-121	-121	-121	-121	-121	-121	-121	-121	-87	-61	-35	-95
22 HYDRO MAINTENANCE	-100	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58
23 NET RESOURCES	2962	2933	2928	2968	3299	4165	4159	4159	4138	3281	2718	2593	2439	2828
24 SURPLUS/DEFICIT	767	739	735	383	308	706	356	232	295	-45	-390	-516	-294	462
25 DEDICATED RESOURCES	2705	2705	2705	2705	2705	3066	3061	3050	3029	2656	2393	2360	2339	2629
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	767	739	735	383	308	706	356	232	295	-45	-390	-516	-294	462

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2445	2443	2443	2877	3329	3851	4233	4332	4238	3668	3428	3428	3014	2609
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	2445	2443	2443	2877	3329	3851	4233	4332	4238	3668	3428	3428	3014	2609
RESOURCES														
5 SYSTEM HYDRO	308	308	308	308	307	304	298	287	268	258	248	260	281	303
6 CONTRACT HYDRO	1444	1444	1444	1444	1444	1446	1447	1449	1445	1445	1444	1447	1455	1444
7A CAN. ENT. RETURN (CSPE)	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-27	-27	-27	-27
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1720	1720	1720	1720	1720	1719	1714	1704	1682	1671	1666	1680	1710	1720
10 SMALL THERMAL & MISC	0	0	0	0	0	89	89	89	89	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	699	699	699	699	0	0	0	0	0
12 CSPE PURCHASE	101	101	101	101	101	101	101	101	101	101	85	85	85	85
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	447	447	447	447	747	836	836	836	836	829	519	519	437	437
17 LARGE THERMAL	808	808	808	808	808	808	808	808	808	808	580	402	402	633
18 PURPA RESOURCES	53	51	51	51	51	51	51	51	51	51	51	51	51	51
19 TOTAL RESOURCES	3129	3127	3127	3127	3427	4302	4297	4288	4265	3460	2901	2738	2685	2926
20 HYD,SM THRM & MISC RESERVES	-90	-90	-90	-90	-90	-129	-129	-129	-128	-88	-87	-88	-89	-90
21 LARGE THERMAL RESERVES	-121	-121	-121	-121	-121	-121	-121	-121	-121	-121	-87	-60	-60	-95
22 HYDRO MAINTENANCE	-100	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58
23 NET RESOURCES	2818	2786	2782	2821	3153	4020	4013	4014	3992	3135	2576	2446	2444	2683
24 SURPLUS/DEFICIT	373	343	339	-56	-177	168	-220	-318	-247	-533	-852	-982	-570	74
25 DEDICATED RESOURCES	2594	2592	2592	2592	2591	2953	2948	2938	2916	2543	2284	2234	2264	2505
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	373	343	339	-56	-177	168	-220	-318	-247	-533	-852	-982	-570	74

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	2644	2642	2642	3112	3601	4166	4579	4703	4603	3983	3722	3722	3274	2834
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	300	300	300	300	300	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	2944	2942	2942	3412	3901	4166	4579	4703	4603	3983	3722	3722	3274	2834
RESOURCES														
5 SYSTEM HYDRO	308	308	308	308	307	304	298	287	268	258	248	260	281	303
6 CONTRACT HYDRO	1385	1385	1385	1385	1385	1387	1388	1389	1386	1386	1385	1388	1396	1385
7A CAN. ENT. RETURN (CSPE)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
7B CAN. ENT. RETURN (CANADA)	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1638	1638	1638	1638	1637	1636	1631	1622	1599	1589	1579	1593	1622	1633
10 SMALL THERMAL & MISC	0	0	0	0	0	89	89	89	89	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	699	699	699	699	0	0	0	0	0
12 CSPE PURCHASE	34	34	34	34	34	34	34	34	34	34	33	33	33	33
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	324	324	324	324	324	706	706	706	706	406	406	406	324	324
17 LARGE THERMAL	808	808	808	808	808	808	808	808	808	808	737	562	245	476
18 PURPA RESOURCES	53	51	51	51	51	51	51	51	51	51	51	51	51	51
19 TOTAL RESOURCES	2856	2855	2855	2855	2854	4023	4018	4008	3986	2887	2805	2645	2275	2516
20 HYD,SM THRM & MISC RESERVES	-87	-87	-87	-87	-87	-126	-126	-126	-125	-85	-84	-85	-86	-87
21 LARGE THERMAL RESERVES	-121	-121	-121	-121	-121	-121	-121	-121	-121	-121	-111	-84	-37	-71
22 HYDRO MAINTENANCE	-100	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58
23 NET RESOURCES	2548	2516	2512	2551	2583	3743	3736	3737	3715	2565	2459	2332	2060	2300
24 SURPLUS/DEFICIT	-396	-426	-430	-860	-1318	-423	-843	-966	-888	-1418	-1262	-1390	-1214	-534
25 DEDICATED RESOURCES	2321	2319	2319	2319	2318	2680	2675	2665	2643	2270	2188	2141	1853	2095
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-396	-426	-430	-860	-1318	-423	-843	-966	-888	-1418	-1262	-1390	-1214	-534

TABLE U-5

PSP&L LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	3188	3186	3186	3754	4341	5023	5522	5786	5661	4899	4578	4578	4026	3485
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	3188	3186	3186	3754	4341	5023	5522	5786	5661	4899	4578	4578	4026	3485
RESOURCES														
5 SYSTEM HYDRO	308	308	308	308	307	304	298	287	268	258	248	260	281	303
6 CONTRACT HYDRO	1170	1170	1170	1170	1170	1072	1072	1072	1072	1072	1072	1072	1072	1072
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-75	-75	-75	-75	-75	-65	-65	-65	-65	-65	-65	-65	-65	-65
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1403	1403	1403	1403	1402	1311	1305	1294	1275	1265	1255	1267	1288	1310
10 SMALL THERMAL & MISC	0	0	0	0	0	89	89	89	89	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	699	699	699	699	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 LARGE THERMAL	808	808	808	808	808	808	808	808	808	808	580	577	227	458
18 PURPA RESOURCES	53	51	51	51	51	51	51	51	51	51	51	51	51	51
19 TOTAL RESOURCES	2268	2266	2266	2266	2265	2962	2956	2945	2926	2127	1891	1900	1571	1823
20 HYD,SM THRM & MISC RESERVES	-77	-76	-76	-76	-76	-111	-110	-110	-109	-69	-69	-69	-70	-71
21 LARGE THERMAL RESERVES	-121	-121	-121	-121	-121	-121	-121	-121	-121	-121	-87	-87	-34	-69
22 HYDRO MAINTENANCE	-100	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58
23 NET RESOURCES	1970	1938	1934	1973	2005	2698	2690	2690	2671	1821	1584	1600	1374	1625
24 SURPLUS/DEFICIT	-1218	-1247	-1251	-1780	-2336	-2325	-2832	-3096	-2990	-3078	-2994	-2978	-2652	-1860
25 DEDICATED RESOURCES	2032	2030	2030	2030	2030	2301	2295	2284	2265	1892	1655	1664	1563	1815
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	-1218	-1247	-1251	-1780	-2336	-2325	-2832	-3096	-2990	-3078	-2994	-2978	-2652	-1860

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	416	291	291	177	138	140	138	168	160	142	132	132	235	362
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	416	291	291	177	138	140	138	168	160	142	132	132	235	362
RESOURCES														
5 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	416	291	291	177	138	140	138	168	160	142	132	132	235	362
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	416	291	291	177	138	140	138	168	160	142	132	132	235	362
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	416	291	291	177	138	140	138	168	160	142	132	132	235	362
24 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	385	276	276	169	127	132	128	152	145	131	126	126	237	407
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	385	276	276	169	127	132	128	152	145	131	126	126	237	407
RESOURCES														
5 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	385	276	276	169	127	132	128	152	145	131	126	126	237	407
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	385	276	276	169	127	132	128	152	145	131	126	126	237	407
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	385	276	276	169	127	132	128	152	145	131	126	126	237	407
24 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	409	314	314	184	125	133	129	150	144	129	126	126	231	383
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	409	314	314	184	125	133	129	150	144	129	126	126	231	383
RESOURCES														
5 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	409	314	314	184	125	133	129	150	144	129	126	126	231	383
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	409	314	314	184	125	133	129	150	144	129	126	126	231	383
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	409	314	314	184	125	133	129	150	144	129	126	126	231	383
24 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-6

UTAH LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	426	340	340	196	130	141	136	163	155	140	136	136	251	459
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	426	340	340	196	130	141	136	163	155	140	136	136	251	459
RESOURCES														
5 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	426	340	340	196	130	141	136	163	155	140	136	136	251	459
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	426	340	340	196	130	141	136	163	155	140	136	136	251	459
20 HYD,SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	426	340	340	196	130	141	136	163	155	140	136	136	251	459
24 SURPLUS/DEFICIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-7

WWP LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1002	1047	1047	1065	1234	1300	1450	1493	1447	1291	1165	1165	1039	1142
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	150	150
3 CONTRACTS OUT	167	167	167	167	167	168	168	168	168	167	167	167	167	167
4 TOTAL LOADS	1169	1214	1214	1232	1401	1468	1618	1661	1615	1458	1332	1332	1356	1459
RESOURCES														
5 SYSTEM HYDRO	942	942	942	939	937	937	937	922	880	802	751	756	858	942
6 CONTRACT HYDRO	231	231	231	230	222	221	220	220	219	219	219	219	228	178
7A CAN. ENT. RETURN (CSPE)	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-12	-12
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1159	1160	1160	1156	1146	1144	1144	1129	1087	1008	958	963	1074	1108
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	59	59	59	59	68	68	68	68	68	68	59	59	59	59
12 CSPE PURCHASE	51	51	51	51	51	51	51	51	51	51	47	47	47	47
13 RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	107	107	107	107	107	189	189	189	189	148	145	145	104	104
17 LARGE THERMAL	402	402	402	402	402	402	402	402	402	402	306	201	96	297
18 PURPA RESOURCES	16	14	14	15	15	16	18	18	19	20	20	20	19	20
19 TOTAL RESOURCES	1840	1838	1838	1835	1835	1917	1918	1903	1862	1743	1581	1481	1398	1681
20 HYD,SM THRM & MISC RESERVES	-65	-65	-65	-64	-64	-64	-64	-64	-62	-58	-55	-55	-58	-62
21 LARGE THERMAL RESERVES	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-46	-30	-14	-45
22 HYDRO MAINTENANCE	-70	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13
23 NET RESOURCES	1645	1545	1557	1569	1615	1756	1771	1770	1565	1476	1403	1346	1307	1561
24 SURPLUS/DEFICIT	476	331	343	337	214	288	153	109	-49	18	71	14	-49	102
25 DEDICATED RESOURCES	1488	1488	1488	1484	1484	1481	1481	1465	1423	1346	1184	1189	1299	1429
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	476	331	343	337	214	288	153	109	-49	18	71	14	-49	102

TABLE U-7

WWP LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1036	1053	1053	1077	1227	1369	1445	1567	1553	1310	1202	1202	998	1128
2 EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3 CONTRACTS OUT	104	104	104	104	104	105	105	100	100	100	100	100	100	100
4 TOTAL LOADS	1290	1307	1307	1331	1331	1474	1550	1667	1653	1410	1302	1302	1248	1378
RESOURCES														
5 SYSTEM HYDRO	942	942	942	939	937	937	937	922	880	802	751	756	858	942
6 CONTRACT HYDRO	196	196	196	196	196	196	196	196	196	196	196	196	196	196
7A CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1131	1131	1131	1128	1126	1126	1126	1111	1069	991	941	946	1048	1132
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	59	59	59	59	68	68	68	68	68	68	59	59	59	59
12 CSPE PURCHASE	29	29	29	29	29	29	29	29	29	29	24	24	24	24
13 RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	150	150	150	150	150	0	0	0	0
16 CONTRACTS IN	94	94	94	94	94	176	176	176	176	135	133	133	92	92
17 LARGE THERMAL	402	402	402	402	402	402	402	402	402	402	306	201	201	297
18 PURPA RESOURCES	16	14	14	15	15	16	18	18	19	20	20	20	19	20
19 TOTAL RESOURCES	1777	1775	1775	1773	1780	2013	2015	2001	1960	1841	1529	1429	1443	1670
20 HYD,SM THRM & MISC RESERVES	-63	-63	-63	-63	-63	-63	-63	-63	-60	-57	-54	-54	-57	-63
21 LARGE THERMAL RESERVES	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-46	-30	-30	-45
22 HYDRO MAINTENANCE	-70	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13
23 NET RESOURCES	1583	1484	1495	1509	1561	1854	1870	1869	1665	1575	1353	1295	1338	1550
24 SURPLUS/DEFICIT	293	177	188	178	231	380	319	202	12	166	51	-6	90	172
25 DEDICATED RESOURCES	1421	1421	1421	1418	1425	1424	1424	1414	1373	1294	1132	1137	1239	1419
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	293	177	188	178	231	380	319	202	12	166	51	-6	90	172

TABLE U-7

NWP LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1073	1091	1091	1117	1273	1421	1501	1627	1618	1362	1251	1251	1039	1173
2 EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3 CONTRACTS OUT	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4 TOTAL LOADS	1323	1341	1341	1367	1373	1521	1601	1727	1718	1462	1351	1351	1289	1423
RESOURCES														
5 SYSTEM HYDRO	942	942	942	939	937	937	937	922	880	802	751	756	858	942
6 CONTRACT HYDRO	196	196	196	196	196	196	196	196	196	196	196	196	196	196
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1126	1126	1126	1123	1121	1121	1121	1106	1064	986	935	940	1042	1126
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	59	59	59	59	68	68	68	68	68	68	59	59	59	59
12 CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	9	9	9	9
13 RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	150	150	150	150	150	0	0	0	0
16 CONTRACTS IN	4	4	4	4	4	86	86	86	86	45	45	45	4	4
17 LARGE THERMAL	402	402	402	402	402	402	402	402	402	402	306	201	201	297
18 PURPA RESOURCES	16	14	14	15	15	16	18	18	19	20	20	20	19	20
19 TOTAL RESOURCES	1663	1661	1661	1659	1666	1899	1901	1887	1846	1727	1421	1320	1335	1561
20 HYD,SM THRM & MISC RESERVES	-63	-63	-63	-63	-63	-63	-63	-63	-60	-57	-54	-54	-57	-63
21 LARGE THERMAL RESERVES	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-46	-30	-30	-45
22 HYDRO MAINTENANCE	-70	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13
23 NET RESOURCES	1469	1369	1381	1395	1447	1739	1755	1755	1551	1461	1244	1187	1229	1441
24 SURPLUS/DEFICIT	146	29	40	28	75	219	155	27	-167	-1	-107	-164	-60	18
25 DEDICATED RESOURCES	1391	1391	1391	1388	1395	1395	1395	1380	1338	1260	1103	1108	1211	1390
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	146	29	40	28	75	219	155	27	-167	-1	-107	-164	-60	18

TABLE U-7

WWP LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1219	1240	1240	1269	1449	1613	1707	1875	1870	1572	1444	1444	1200	1353
2 EXPORTS	150	150	150	150	0	0	0	0	0	0	0	0	150	150
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	1369	1390	1390	1419	1449	1613	1707	1875	1870	1572	1444	1444	1350	1503
RESOURCES														
5 SYSTEM HYDRO	942	942	942	939	937	937	937	922	880	802	751	756	858	942
6 CONTRACT HYDRO	141	141	141	141	141	67	67	67	67	67	67	67	67	67
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-13	-13	-13	-13	-13	-5	-5	-5	-5	-5	-5	-5	-5	-5
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1070	1070	1070	1068	1065	998	998	984	942	863	813	817	920	1003
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	59	59	59	59	68	68	68	68	68	68	59	59	59	59
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	47	47	47	47	47	47	47	47	47	47	47	47	0	47
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	150	150	150	150	150	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	82	82	82	82	41	41	41	0	0
17 LARGE THERMAL	402	402	402	402	402	402	402	402	402	402	306	306	96	192
18 PURPA RESOURCES	16	14	14	15	15	16	18	18	19	20	20	20	19	20
19 TOTAL RESOURCES	1593	1591	1591	1589	1596	1763	1764	1750	1709	1591	1284	1289	1093	1320
20 HYD,SM THRM & MISC RESERVES	-60	-60	-60	-60	-60	-57	-57	-56	-54	-50	-47	-47	-50	-57
21 LARGE THERMAL RESERVES	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-46	-46	-14	-29
22 HYDRO MAINTENANCE	-70	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13
23 NET RESOURCES	1402	1302	1314	1328	1380	1609	1625	1625	1420	1331	1114	1146	1010	1222
24 SURPLUS/DEFICIT	33	-87	-76	-92	-69	-4	-81	-250	-449	-240	-330	-298	-340	-281
25 DEDICATED RESOURCES	1321	1321	1321	1318	1325	1258	1258	1244	1202	1123	967	972	1074	1254
26 EXHIBIT I PURCH FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/EXHIBIT	33	-87	-76	-92	-69	-4	-81	-250	-449	-240	-330	-298	-340	-281

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	169	174	174	203	245	279	308	310	294	245	223	223	192	170
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	27	27	27	27	27	2	2	2	2	2	2	2	2	27
4 TOTAL LOADS	196	201	201	231	272	281	311	313	296	248	225	225	194	197
RESOURCES														
5 SYSTEM HYDRO	294	294	294	295	302	301	301	300	302	302	303	301	287	294
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-11	-11	-11	-11
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	281	281	281	282	289	288	288	287	289	289	292	290	276	283
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	9	9	9	9
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	32	32	32	32	32	32	32	32	32	32	29	29	29	29
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	323	323	323	324	331	331	330	329	331	331	330	328	314	321
20 HYD,SM THRM & MISC RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-14	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-15	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12
23 NET RESOURCES	293	295	295	299	306	311	311	314	316	304	300	297	281	295
24 SURPLUS/DEFICIT	97	94	94	68	34	30	0	1	20	56	74	71	87	98
25 DEDICATED RESOURCES	312	312	312	313	320	320	319	318	321	320	319	317	304	310
26 PURCHASE FROM BPA	0	0	0	0	0	0	8	7	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	97	94	94	68	34	30	8	8	20	56	74	71	87	98

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	187	192	192	228	272	314	355	352	339	271	248	248	215	190
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	52	52	52	52	52	2	2	2	2	2	2	2	2	52
4 TOTAL LOADS	239	245	245	281	324	316	357	354	342	273	250	250	217	243
RESOURCES														
5 SYSTEM HYDRO	356	356	356	356	356	353	352	350	353	352	354	351	343	304
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	350	350	350	350	349	346	345	343	346	346	348	345	337	299
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	6	6	6	6	6	6	6	6	6	6	5	5	5	5
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	19	19	19	19	19	19	19	19	19	19	17	17	17	17
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	374	374	374	374	374	371	370	368	371	371	370	368	360	321
20 HYD,SM THRM & MISC RESERVES	-18	-18	-18	-18	-18	-18	-18	-17	-18	-18	-18	-18	-17	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-15	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12
23 NET RESOURCES	341	343	343	346	346	350	348	351	354	341	338	334	324	294
24 SURPLUS/DEFICIT	102	98	98	66	22	33	-8	-3	12	68	87	84	107	51
25 DEDICATED RESOURCES	363	363	363	363	363	361	359	358	360	360	359	357	350	310
26 PURCHASE FROM BPA	0	0	0	0	0	0	17	11	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	102	98	98	66	22	33	8	8	12	68	87	84	107	51

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	200	206	206	245	293	337	381	377	364	290	266	266	230	204
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	52	52	52	52	52	2	2	2	2	2	2	2	2	52
4 TOTAL LOADS	253	259	259	298	346	340	383	380	367	293	268	268	233	256
RESOURCES														
5 SYSTEM HYDRO	415	415	415	415	415	412	411	409	412	412	413	410	403	364
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	403	403	403	403	403	400	399	397	400	399	401	398	390	351
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	11	11	11	11	11	11	11	11	11	11	11	11	11	11
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	415	415	415	415	415	412	411	409	412	412	413	410	403	364
20 HYD,SM THRM & MISC RESERVES	-21	-21	-21	-21	-21	-21	-21	-20	-21	-21	-21	-21	-20	-18
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-15	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12
23 NET RESOURCES	379	381	381	384	384	388	387	389	392	379	377	374	364	334
24 SURPLUS/DEFICIT	126	123	123	87	39	48	3	9	25	86	109	106	132	77
25 DEDICATED RESOURCES	404	404	404	404	404	402	400	399	401	401	402	400	393	353
26 PURCHASE FROM BPA	0	0	0	0	0	0	5	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	126	123	123	87	39	48	8	9	25	86	109	106	132	77

TABLE U-8

CHELAN LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	217	223	223	267	318	368	415	413	399	318	290	290	253	222
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	52	52	52	52	52	2	2	2	2	2	2	2	2	52
4 TOTAL LOADS	270	275	275	320	371	370	418	416	401	320	292	292	255	275
RESOURCES														
5 SYSTEM HYDRO	558	558	558	558	558	558	557	557	556	556	556	556	557	507
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	540	540	540	540	539	539	539	538	538	537	537	538	538	488
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	546	546	546	546	545	545	545	544	544	543	543	544	544	494
20 HYD,SM THRM & MISC RESERVES	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-25
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-15	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12
23 NET RESOURCES	502	504	504	507	507	513	513	516	516	503	501	500	498	457
24 SURPLUS/DEFICIT	233	229	229	188	137	143	95	101	115	184	209	208	243	182
25 DEDICATED RESOURCES	535	535	535	535	534	534	534	534	533	533	532	533	534	483
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	233	229	229	188	137	143	95	101	115	184	209	208	243	182

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	519	520	520	546	593	627	636	639	619	613	594	594	565	531
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	519	520	520	546	593	627	636	639	619	613	594	594	565	531
RESOURCES														
5 SYSTEM HYDRO	84	84	76	80	73	65	60	58	61	14	78	77	0	84
6 CONTRACT HYDRO	43	43	43	43	43	43	43	43	43	43	43	43	43	43
7A CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	124	123	115	120	113	105	99	97	100	54	118	116	40	123
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	26	26	26	26	26	26	26	26	26	26	23	23	23	23
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	156	155	147	151	144	137	131	129	132	85	147	145	69	152
20 HYD,SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-5	-5	-5	-3	-6	-6	-2	-6
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-29	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12
23 NET RESOURCES	120	112	120	126	130	125	120	119	120	72	128	129	55	134
24 SURPLUS/DEFICIT	-399	-408	-400	-420	-463	-503	-515	-520	-499	-542	-466	-465	-509	-397
25 DEDICATED RESOURCES	156	155	147	151	144	137	131	129	132	85	147	145	69	152
26 PURCHASE FROM BPA	427	433	433	420	463	503	515	520	499	542	466	465	509	422
27 SURPLUS/DEFICIT W/PURCH	29	25	33	0	0	0	0	0	0	0	0	0	0	24

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	523	524	524	559	600	640	663	656	648	614	602	602	576	546
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	523	524	524	559	600	640	663	656	648	614	602	602	576	546
RESOURCES														
5 SYSTEM HYDRO	84	84	76	80	73	65	60	58	61	14	78	77	0	84
6 CONTRACT HYDRO	43	43	43	43	43	43	43	43	43	43	43	43	43	43
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	125	125	117	121	114	106	100	98	102	55	119	118	41	125
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	14	14	14	14	14	14	14	14	14	14	12	12	12	12
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	143	143	135	139	132	124	118	116	120	73	134	133	56	140
20 HYD,SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-5	-5	-5	-3	-6	-6	-2	-6
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-29	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12
23 NET RESOURCES	107	99	108	113	117	112	108	106	107	59	116	117	43	121
24 SURPLUS/DEFICIT	-416	-424	-416	-446	-483	-527	-555	-549	-541	-555	-487	-486	-533	-425
25 DEDICATED RESOURCES	143	143	135	139	132	124	118	116	120	73	134	133	56	140
26 PURCHASE FROM BPA	430	436	436	446	483	527	555	549	541	555	487	486	533	434
27 SURPLUS/DEFICIT W/PURCH	14	12	20	0	0	0	0	0	0	0	0	0	0	10

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	552	553	553	591	635	677	700	691	683	648	635	635	608	576
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	552	553	553	591	635	677	700	691	683	648	635	635	608	576
RESOURCES														
5 SYSTEM HYDRO	84	84	76	80	73	65	60	58	61	14	78	77	0	84
6 CONTRACT HYDRO	43	43	43	43	43	43	43	43	43	43	43	43	43	43
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7B CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	124	124	116	120	113	105	99	97	101	54	118	116	40	123
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	130	130	122	126	119	111	105	103	106	60	124	122	45	129
20 HYD,SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-5	-5	-5	-3	-6	-6	-2	-6
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-29	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12
23 NET RESOURCES	94	86	95	100	104	99	95	93	94	46	105	106	32	110
24 SURPLUS/DEFICIT	-458	-467	-459	-490	-531	-578	-605	-597	-589	-602	-530	-529	-576	-465
25 DEDICATED RESOURCES	130	130	122	126	119	111	105	103	106	60	124	122	45	129
26 PURCHASE FROM BPA	458	467	465	490	531	578	605	597	589	602	530	529	576	465
27 SURPLUS/DEFICIT W/PURCH	1	0	7	0	0	0	0	0	0	0	0	0	0	0

TABLE U-9

COWLITZ LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	615	618	618	661	712	757	783	777	767	728	714	714	685	648
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	615	618	618	661	712	757	783	777	767	728	714	714	685	648
RESOURCES														
5 SYSTEM HYDRO	84	84	76	80	73	65	60	58	61	14	78	77	0	84
6 CONTRACT HYDRO	25	25	25	25	25	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	106	106	98	102	95	65	60	58	61	14	78	77	0	84
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	106	106	98	102	95	65	60	58	61	14	78	77	0	84
20 HYD,SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-3	-3	-3	-3	-1	-4	-4	0	-4
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-29	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12
23 NET RESOURCES	72	64	72	78	82	56	51	50	50	3	62	63	-11	67
24 SURPLUS/DEFICIT	-544	-554	-546	-583	-630	-702	-732	-727	-717	-726	-652	-651	-696	-581
25 DEDICATED RESOURCES	106	106	98	102	95	65	60	58	61	14	78	77	0	84
26 PURCHASE FROM BPA	544	554	546	583	630	702	732	727	717	726	652	651	696	581
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	111	109	109	108	120	134	141	152	143	131	121	121	107	106
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	111	109	109	108	120	134	141	152	143	131	121	121	107	106
RESOURCES														
5 SYSTEM HYDRO	177	177	177	177	177	177	177	177	177	177	177	177	177	177
6 CONTRACT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7A CAN. ENT. RETURN (CSPE)	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-12	-12
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	199	199	199	199	199	199	199	199	199	199	201	201	201	201
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	29	29	29	29	29	29	29	29	29	29	26	26	26	26
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	230	230	230	230	230	230	230	230	230	230	229	229	229	229
20 HYD,SM THRM & MISC RESERVES	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2
23 NET RESOURCES	217	201	198	197	217	219	215	216	216	202	202	211	215	216
24 SURPLUS/DEFICIT	106	92	88	89	97	85	75	64	73	71	81	90	108	110
25 DEDICATED RESOURCES	230	230	230	230	230	230	230	230	230	230	229	229	229	229
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	106	92	88	89	97	85	75	64	73	71	81	90	108	110

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	113	112	112	112	123	140	150	160	154	134	125	125	111	110
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	113	112	112	112	123	140	150	160	154	134	125	125	111	110
RESOURCES														
5 SYSTEM HYDRO	177	177	177	177	177	177	177	177	177	177	177	177	177	177
6 CONTRACT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7A CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	206	206	206	206	206	206	206	206	206	206	207	207	207	207
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	17	17	17	17	17	17	17	17	17	17	14	14	14	14
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	223	223	223	223	223	223	223	223	223	223	222	222	222	222
20 HYD,SM THRM & MISC RESERVES	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2
23 NET RESOURCES	210	194	191	190	210	212	208	209	209	195	195	204	208	209
24 SURPLUS/DEFICIT	96	82	79	78	87	72	58	49	56	61	70	79	97	99
25 DEDICATED RESOURCES	223	223	223	223	223	223	223	223	223	223	222	222	222	222
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	96	82	79	78	87	72	58	49	56	61	70	79	97	99

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	122	120	120	120	132	152	163	174	167	145	134	134	119	118
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	122	120	120	120	132	152	163	174	167	145	134	134	119	118
RESOURCES														
5 SYSTEM HYDRO	177	177	177	177	177	177	177	177	177	177	177	177	177	177
6 CONTRACT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	201	201	201	201	201	201	201	201	201	201	201	201	201	201
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	7	7	7	7	7	7	7	7	7	7	7	7	7	7
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	208	208	208	208	208	208	208	208	208	208	208	208	208	208
20 HYD,SM THRM & MISC RESERVES	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2
23 NET RESOURCES	194	178	175	174	194	196	193	194	194	180	181	190	194	195
24 SURPLUS/DEFICIT	73	59	55	54	62	45	30	20	27	35	47	56	75	77
25 DEDICATED RESOURCES	208	208	208	208	208	208	208	208	208	208	208	208	208	208
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	73	59	55	54	62	45	30	20	27	35	47	56	75	77

SECTION IX - CAPACITY STUDY

MISCELLANEOUS LOAD-RESOURCE ANALYSIS

SECTION X - CAPACITY STUDY

SUPPORTING TABLES

TABLE U-10

DOUGLAS LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	141	138	138	139	154	178	192	207	198	171	157	157	138	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	141	138	138	139	154	178	192	207	198	171	157	157	138	137
RESOURCES														
5 SYSTEM HYDRO	177	177	177	177	177	177	177	177	177	177	177	177	177	177
6 CONTRACT HYDRO	36	36	36	36	36	36	36	36	36	36	36	36	36	36
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	195	195	195	195	195	195	195	195	195	195	195	195	195	195
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	197	197	197	197	197	197	197	197	197	197	197	197	197	197
20 HYD,SM THRM & MISC RESERVES	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-3	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2
23 NET RESOURCES	183	168	164	164	184	186	182	183	183	169	170	179	183	184
24 SURPLUS/DEFICIT	43	30	26	25	30	8	-10	-24	-15	-1	13	22	46	47
25 DEDICATED RESOURCES	197	197	197	197	197	197	197	197	197	197	197	197	197	197
26 PURCHASE FROM BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	43	30	26	25	30	8	-10	-24	-15	-1	13	22	46	47

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	290	296	296	340	420	471	494	493	462	454	413	413	377	321
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	290	296	296	340	420	471	494	493	462	454	413	413	377	321
RESOURCES														
5 SYSTEM HYDRO	63	63	61	59	56	55	63	63	63	63	63	63	63	63
6 CONTRACT HYDRO	47	36	36	36	41	42	40	37	37	38	45	45	73	73
7A CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	108	97	95	93	95	94	101	97	98	99	107	107	134	134
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	56	56	56	56	56	56	56	56	56	56	51	51	51	51
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	25	45	45	45	45	45	25	45	45	45	45	45	45	45
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	194	204	201	199	201	201	187	204	204	205	208	208	235	235
20 HYD,SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-6	-7	-7	-7	-8	-8	-9	-9
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-12	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6
23 NET RESOURCES	175	179	185	176	187	187	179	194	193	189	191	189	217	220
24 SURPLUS/DEFICIT	-114	-117	-111	-164	-233	-284	-315	-299	-269	-265	-222	-224	-160	-101
25 DEDICATED RESOURCES	163	152	150	148	150	150	156	153	153	154	156	156	184	184
26 PURCHASE FROM BPA	146	168	162	215	285	335	346	350	320	316	273	275	211	152
27 SURPLUS/DEFICIT W/PURCH	31	51	51	51	51	51	31	51	51	51	51	51	51	51

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	292	298	298	348	424	480	515	507	467	455	419	419	385	330
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	292	298	298	348	424	480	515	507	467	455	419	419	385	330
RESOURCES														
5 SYSTEM HYDRO	63	63	61	59	56	55	63	63	63	63	63	63	63	63
6 CONTRACT HYDRO	47	36	36	36	41	42	40	37	37	38	45	45	73	73
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	109	98	96	94	96	95	102	99	99	100	108	108	135	135
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	32	32	32	32	32	32	32	32	32	32	27	27	27	27
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	25	45	45	45	45	45	25	45	45	45	45	45	45	45
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	3	3	3	3	3	3	3	3	3	3	2	2	2	2
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	169	178	176	173	176	175	162	178	179	179	182	182	209	209
20 HYD,SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-6	-7	-7	-7	-8	-8	-9	-9
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-12	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6
23 NET RESOURCES	150	153	159	150	161	162	153	169	168	164	165	163	191	195
24 SURPLUS/DEFICIT	-143	-145	-140	-197	-263	-318	-361	-338	-300	-291	-253	-256	-194	-136
25 DEDICATED RESOURCES	137	127	124	122	124	124	131	127	127	128	131	131	158	158
26 PURCHASE FROM BPA	174	196	191	248	314	369	392	389	351	342	305	307	245	187
27 SURPLUS/DEFICIT W/PURCH	31	51	51	51	51	51	31	51	51	51	51	51	51	51

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS															
1	SYSTEM LOADS	309	315	315	367	449	507	544	535	511	480	442	442	407	349
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	309	315	315	367	449	507	544	535	511	480	442	442	407	349
RESOURCES															
5	SYSTEM HYDRO	63	63	61	59	56	55	63	63	63	63	63	63	63	63
6	CONTRACT HYDRO	47	36	36	36	41	42	40	37	37	38	45	45	73	73
7A	CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B	CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8	RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	TOTAL HYDRO	108	97	95	93	95	95	101	98	98	99	106	106	134	134
10	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	CSPE PURCHASE	11	11	11	11	11	11	11	11	11	11	10	10	10	10
13	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	COGENERATION	25	45	45	45	45	45	25	45	45	45	45	45	45	45
15	IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	TOTAL RESOURCES	145	154	151	149	151	151	138	154	155	155	163	163	190	190
20	HYD,SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-6	-7	-7	-7	-8	-8	-9	-9
21	LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	HYDRO MAINTENANCE	-12	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6
23	NET RESOURCES	126	129	135	126	137	137	129	145	144	140	146	144	172	175
24	SURPLUS/DEFICIT	-183	-186	-180	-241	-312	-370	-415	-390	-367	-340	-296	-298	-234	-173
25	DEDICATED RESOURCES	113	103	100	98	100	100	106	103	103	104	111	111	139	139
26	PURCHASE FROM BPA	215	237	232	292	363	421	446	441	419	391	347	349	285	224
27	SURPLUS/DEFICIT W/PURCH	31	51	51	51	51	51	31	51	51	51	51	51	51	51

TABLE U-11

EUGENE LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	345	352	352	410	501	566	608	601	574	539	496	496	457	391
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	345	352	352	410	501	566	608	601	574	539	496	496	457	391
RESOURCES														
5 SYSTEM HYDRO	63	63	61	59	56	55	63	63	63	63	63	63	63	63
6 CONTRACT HYDRO	32	21	21	21	26	5	4	0	1	2	9	9	37	37
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	93	82	80	78	80	61	67	64	64	65	73	73	100	100
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	25	45	45	45	45	45	25	45	45	45	45	45	45	45
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	118	127	125	123	125	106	92	109	109	110	118	118	145	145
20 HYD,SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5	-6	-6	-7	-7
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-12	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6
23 NET RESOURCES	100	104	109	101	111	94	86	101	100	96	103	101	129	132
24 SURPLUS/DEFICIT	-245	-248	-243	-309	-389	-472	-522	-500	-474	-443	-393	-395	-328	-259
25 DEDICATED RESOURCES	89	79	76	74	76	61	67	64	64	65	73	73	100	100
26 PURCHASE FROM BPA	274	297	291	358	438	517	547	545	519	488	438	440	373	304
27 SURPLUS/DEFICIT W/PURCH	29	49	49	49	49	45	25	45	45	45	45	45	45	45

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	380	430	430	355	342	323	317	372	333	314	342	342	422	418
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	394	444	444	369	356	337	331	386	347	328	356	356	436	432
RESOURCES														
5 SYSTEM HYDRO	675	674	674	671	669	659	659	659	659	668	672	672	673	674
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-43	-43	-43	-43
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	627	627	627	623	622	612	612	612	612	621	629	629	631	632
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	4	4	4	4
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	94	94	94	94	94	94	94	94	94	94	85	85	85	85
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	726	726	726	722	721	711	711	711	711	719	719	719	720	721
20 HYD,SM THRM & MISC RESERVES	-34	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-49	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56
23 NET RESOURSES	643	625	625	624	626	634	640	640	623	607	599	599	626	631
24 SURPLUS/DEFICIT	249	181	181	255	270	297	309	254	276	279	243	243	190	200
25 DEDICATED RESOURCES	645	645	645	645	645	645	645	645	645	645	640	640	640	640
26A PURCHASE FROM BPA (METERD)	2	2	2	3	6	9	11	11	11	7	6	6	4	2
26B PURCHASE FROM BPA(COMPUTD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	251	183	183	258	276	306	320	265	286	286	249	249	194	202

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	418	470	470	401	384	372	372	441	404	370	398	398	484	479
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	432	484	484	415	398	386	386	455	418	384	412	412	498	493
RESOURCES														
5 SYSTEM HYDRO	675	674	674	671	669	659	659	659	659	668	672	672	673	674
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-21	-21	-21	-21
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	649	648	648	645	643	634	634	634	634	642	651	651	652	653
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	2	2	2	2
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	51	51	51	51	51	51	51	51	51	51	42	42	42	42
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	703	702	702	699	697	688	688	688	688	696	695	695	697	698
20 HYD,SM THRM & MISC RESERVES	-34	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-49	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56
23 NET RESOURSES	620	601	601	600	602	610	617	616	599	583	576	576	603	608
24 SURPLUS/DEFICIT	187	118	118	186	204	224	231	161	181	199	163	163	105	115
25 DEDICATED RESOURCES	622	622	622	622	622	622	622	622	622	622	617	617	617	617
26A PURCHASE FROM BPA (METERD)	4	4	4	6	10	14	17	18	17	11	9	9	6	4
26B PURCHASE FROM BPA(COMPUTD)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 SURPLUS/DEFICIT W/PURCH	191	121	121	191	214	239	248	179	197	210	172	172	111	119

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	449	504	504	437	422	415	418	478	436	397	421	421	505	498
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	449	504	504	437	422	415	418	478	436	397	421	421	505	498
RESOURCES														
5 SYSTEM HYDRO	675	674	674	671	669	659	659	659	659	668	672	672	673	674
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
7B CAN. ENT. RETURN (CANADA)	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	632	631	631	628	626	617	617	617	617	625	629	629	631	632
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	648	647	647	644	642	633	633	633	633	641	645	645	647	648
20 HYD,SM THRM & MISC RESERVES	-34	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-49	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56
23 NET RESOURSES	565	547	547	546	547	555	562	561	544	528	526	526	553	558
24 SURPLUS/DEFICIT	116	43	43	108	125	140	144	84	108	131	105	105	48	60
25 DEDICATED RESOURCES	567	567	567	567	567	567	567	567	567	567	567	567	567	567
26A PURCHASE FROM BPA (METERD)	6	6	6	9	16	23	28	28	26	18	15	15	10	6
26B PURCHASE FROM BPA(COMPUTD)	0	32	32	0	0	0	0	0	0	0	0	0	22	15
27 SURPLUS/DEFICIT W/PURCH	122	80	80	117	141	163	172	112	134	149	120	120	80	81

TABLE U-12

GRANT LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	484	547	547	486	480	483	490	562	512	463	475	475	556	544
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	484	547	547	486	480	483	490	562	512	463	475	475	556	544
RESOURCES														
5 SYSTEM HYDRO	1244	1243	1243	1240	1238	1807	1807	1807	1807	1815	1819	1819	1821	1822
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-115	-115	-115	-115	-115	-176	-176	-176	-176	-176	-176	-176	-176	-176
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1129	1128	1128	1125	1123	1631	1631	1631	1631	1639	1643	1643	1645	1646
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1129	1128	1128	1125	1123	1631	1631	1631	1631	1639	1643	1643	1645	1646
20 HYD,SM THRM & MISC RESERVES	-62	-62	-62	-62	-62	-90	-90	-90	-90	-91	-91	-91	-91	-91
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-49	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56
23 NET RESOURSES	1018	999	999	998	1000	1496	1503	1502	1485	1469	1467	1467	1494	1499
24 SURPLUS/DEFICIT	533	452	452	513	520	1013	1013	940	974	1006	992	992	938	955
25 DEDICATED RESOURCES	479	479	479	479	479	418	418	418	418	418	418	418	418	418
26A PURCHASE FROM BPA (METERD)	12	11	11	17	31	45	54	54	51	34	28	28	19	11
26B PURCHASE FROM BPA(COMPUTD)	105	187	187	117	93	156	147	220	189	181	206	206	270	262
27 SURPLUS/DEFICIT W/PURCH	650	650	650	646	645	1213	1213	1213	1213	1222	1226	1226	1227	1228

TABLE U-13

PEND OREILLE LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1A SYSTEM LOADS PF PURCHASE	42	42	42	47	52	55	59	61	59	53	50	50	48	42
1B PONDERAY FIBRE MILL	51	51	51	51	51	51	51	51	51	51	51	51	51	51
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4 TOTAL LOADS 1/	113	113	113	118	123	126	130	132	130	124	120	120	119	113
RESOURCES														
5 SYSTEM HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	28	28	28	28	28	28	28	28	28	28	28	28	28	28
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	110	113	113	112	110	111	112	113	113	113	113	107	109	111
20 HYD,SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	106	109	109	108	106	107	108	109	109	109	108	103	105	107
24 SURPLUS/DEFICIT	-7	-4	-4	-10	-18	-19	-22	-22	-21	-16	-12	-17	-14	-6
25 DEDICATED RESOURCES 2/	39	42	42	41	39	40	42	42	42	42	42	36	38	40
26 PURCHASE FROM BPA	7	33	34	25	20	21	22	33	34	36	35	17	14	17
27 SURPLUS/DEFICIT W/PURCH	0	30	30	14	2	2	0	11	13	20	23	0	0	12

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1A SYSTEM LOADS PF PURCHASE	53	52	52	60	64	69	76	76	76	64	61	61	60	54
1B PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
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/	121	121	121	128	133	138	144	145	145	133	130	130	129	123
RESOURCES														
5 SYSTEM HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	32	32	32	32	32	32	32	32	32	32	32	32	32	32
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	113	116	116	115	113	114	116	116	116	116	116	110	112	114
20 HYD,SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	109	112	112	111	109	110	111	112	112	112	112	106	108	110
24 SURPLUS/DEFICIT	-12	-9	-9	-18	-24	-28	-33	-32	-33	-21	-19	-24	-21	-13
25 DEDICATED RESOURCES 2/	45	47	47	46	44	45	47	48	47	47	47	41	43	45
26 PURCHASE FROM BPA	12	40	40	31	25	28	34	45	44	43	42	24	21	25
27 SURPLUS/DEFICIT W/PURCH	0	30	30	14	1	0	1	13	11	21	24	0	0	12

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1A SYSTEM LOADS PF PURCHASE	57	57	57	65	70	76	84	84	84	71	67	67	66	58
1B PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
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/	122	121	121	130	135	141	149	149	149	136	132	132	130	123
RESOURCES														
5 SYSTEM HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	36	36	36	36	36	36	36	36	36	36	36	36	36	36
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	117	119	119	118	116	117	119	120	119	119	119	113	115	118
20 HYD,SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	113	115	115	114	112	113	115	116	115	115	115	110	111	113
24 SURPLUS/DEFICIT	-9	-6	-6	-16	-23	-28	-34	-34	-34	-21	-17	-22	-19	-10
25 DEDICATED RESOURCES 2/	52	55	55	53	51	52	54	55	54	54	54	48	50	53
26 PURCHASE FROM BPA	9	37	38	29	23	28	38	49	44	43	42	22	19	23
27 SURPLUS/DEFICIT W/PURCH	0	31	31	13	0	0	3	15	10	22	24	0	0	13

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1A SYSTEM LOADS PF PURCHASE	67	67	67	79	86	94	105	106	106	87	82	82	80	70
1B PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
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 1/	120	120	120	131	139	147	158	159	159	140	135	135	133	123
RESOURCES														
5 SYSTEM HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	80	83	83	82	80	81	82	83	83	83	83	77	79	81
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	48	48	48	48	48	48	48	48	48	48	48	48	48	48
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	128	131	131	130	128	129	130	131	131	131	131	125	127	129
20 HYD,SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	124	127	127	125	124	125	126	127	127	127	127	121	123	125
24 SURPLUS/DEFICIT	4	7	7	-6	-15	-22	-32	-32	-33	-13	-9	-14	-10	2
25 DEDICATED RESOURCES 2/	75	78	78	77	75	76	77	78	78	78	78	72	74	76
26 PURCHASE FROM BPA	2	28	28	14	15	24	42	54	46	36	33	14	10	10
27 SURPLUS/DEFICIT W/PURCH	6	35	35	8	0	2	11	22	13	23	25	0	0	12

FOOTNOTE: 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 LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1205	1190	1190	1210	1434	1620	1665	1739	1684	1615	1496	1496	1348	1222
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4 TOTAL LOADS	1233	1218	1218	1238	1462	1648	1693	1767	1712	1643	1524	1524	1376	1250
RESOURCES														
5 SYSTEM HYDRO	1305	1654	1652	1509	1490	1603	1554	1550	1517	1501	1454	1705	1618	1684
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	74	107	107	120	127
7A CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1432	1774	1772	1609	1568	1670	1622	1617	1584	1570	1556	1807	1734	1807
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	128	128	128	128	128	128	128	128	128	128	116	116	116	116
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15 IMPORTS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
16 CONTRACTS IN	29	29	29	29	29	29	29	29	29	29	28	28	28	28
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1836	2178	2176	2013	1972	2036	2002	2019	2018	2041	1897	2148	2074	2198
20 HYD,SM THRM & MISC RESERVES	-72	-89	-89	-81	-79	-84	-81	-81	-80	-79	-78	-91	-87	-91
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-38	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107
23 NET RESOURCES	1710	1876	1905	1699	1860	1920	1902	1900	1898	1884	1746	1977	1905	1986
24 SURPLUS/DEFICIT	477	658	687	461	398	272	210	133	186	241	222	453	529	736
25 DEDICATED RESOURCES	1807	2150	2147	1984	1943	2007	1973	1990	1989	2012	1868	2119	2046	2170
26 PURCHASE FROM BPA	203	203	203	203	203	203	203	203	203	203	203	203	203	203
27 SURPLUS/DEFICIT W/PURCH	680	861	890	663	601	475	412	336	388	444	425	656	732	939

TABLE U-14

SEATTLE LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1208	1194	1194	1230	1439	1640	1723	1778	1754	1608	1509	1509	1370	1249
2 EXPORTS	200	200	200	174	0	0	0	0	0	0	0	0	0	180
3 CONTRACTS OUT	32	32	32	32	32	32	32	32	32	32	32	32	32	32
4 TOTAL LOADS	1440	1426	1426	1436	1471	1672	1755	1810	1786	1640	1541	1541	1402	1461
RESOURCES														
5 SYSTEM HYDRO	1305	1654	1652	1509	1490	1603	1554	1550	1517	1501	1454	1705	1618	1684
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	74	107	107	120	127
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1434	1777	1774	1611	1570	1672	1624	1619	1586	1572	1558	1809	1736	1809
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	72	72	72	72	72	72	72	72	72	72	61	61	61	61
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	21	21	21	21	21	21	21	21	21	21	20	20	20	20
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1774	2116	2114	1951	1910	1974	2120	2157	2156	2179	1835	2086	2013	2137
20 HYD,SM THRM & MISC RESERVES	-72	-89	-89	-81	-79	-84	-81	-81	-80	-79	-78	-91	-87	-91
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-38	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107
23 NET RESOURCES	1648	1815	1843	1637	1798	1858	2020	2038	2036	2022	1684	1915	1843	1924
24 SURPLUS/DEFICIT	208	389	418	201	327	187	265	229	250	382	144	375	441	463
25 DEDICATED RESOURCES	1741	2084	2081	1918	1877	1941	1907	1925	1923	1946	1802	2053	1980	2104
26 PURCHASE FROM BPA	238	238	238	238	238	238	238	238	238	238	238	238	238	238
27 SURPLUS/DEFICIT W/PURCH	446	627	656	439	565	425	503	467	488	620	382	613	679	701

TABLE U-14

SEATTLE LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1294	1279	1279	1318	1542	1757	1847	1899	1874	1718	1611	1611	1463	1334
2 EXPORTS	200	200	200	174	0	0	0	0	0	0	0	0	0	180
3 CONTRACTS OUT	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL LOADS	1530	1515	1515	1527	1578	1793	1883	1935	1910	1754	1647	1647	1499	1550
RESOURCES														
5 SYSTEM HYDRO	1305	1654	1652	1509	1490	1603	1554	1550	1517	1501	1454	1705	1618	1684
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	74	107	107	120	127
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7B CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1432	1775	1772	1610	1569	1670	1622	1618	1585	1571	1556	1807	1734	1807
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	24	24	24	24	24	24	24	24	24	24	23	23	23	23
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	13	13	13	13	13	13	13	13	13	13	13	13	13	13
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1716	2059	2057	1894	1853	1917	2063	2100	2099	2121	1788	2040	1966	2090
20 HYD,SM THRM & MISC RESERVES	-72	-89	-89	-81	-79	-84	-81	-81	-80	-79	-78	-91	-87	-91
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-38	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107
23 NET RESOURCES	1591	1757	1786	1580	1741	1801	1963	1981	1978	1965	1638	1869	1797	1877
24 SURPLUS/DEFICIT	61	243	272	52	163	8	80	46	68	211	-9	222	298	328
25 DEDICATED RESOURCES	1680	2022	2020	1857	1816	1880	1846	1863	1862	1885	1752	2003	1930	2054
26 PURCHASE FROM BPA	334	334	334	334	334	334	334	334	334	334	334	334	334	334
27 SURPLUS/DEFICIT W/PURCH	395	576	605	386	497	341	414	380	402	545	324	555	632	662

TABLE U-14

SEATTLE LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1450	1433	1433	1476	1728	1970	2070	2157	2128	1950	1828	1828	1660	1513
2 EXPORTS	200	200	200	174	0	0	0	0	0	0	0	0	0	180
3 CONTRACTS OUT	48	48	48	48	48	48	48	48	48	48	48	48	48	48
4 TOTAL LOADS	1698	1681	1681	1698	1776	2018	2118	2205	2176	1998	1876	1876	1708	1741
RESOURCES														
5 SYSTEM HYDRO	1305	1654	1652	1509	1490	1603	1554	1550	1517	1501	1454	1705	1618	1684
6 CONTRACT HYDRO	60	53	53	33	11	0	0	0	0	2	35	35	49	55
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	1365	1707	1705	1542	1501	1603	1554	1550	1517	1503	1488	1740	1666	1739
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1610	1953	1950	1788	1747	1811	1956	1994	1992	2015	1683	1934	1861	1985
20 HYD,SM THRM & MISC RESERVES	-68	-85	-85	-77	-75	-80	-78	-78	-76	-75	-74	-87	-83	-87
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-38	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107
23 NET RESOURCES	1488	1655	1684	1477	1639	1699	1860	1879	1876	1863	1536	1767	1695	1776
24 SURPLUS/DEFICIT	-210	-26	3	-221	-137	-319	-258	-326	-300	-135	-340	-109	-13	35
25 DEDICATED RESOURCES	1562	1904	1902	1739	1698	1762	1728	1745	1744	1767	1634	1886	1812	1936
26 PURCHASE FROM BPA	547	547	547	547	547	547	547	547	547	547	547	547	547	547
27 SURPLUS/DEFICIT W/PURCH	337	521	550	326	409	227	289	221	247	411	206	438	534	581

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	624	619	619	808	983	1183	1249	1260	1302	1091	1032	1032	900	781
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	624	619	619	808	983	1183	1249	1260	1302	1091	1032	1032	900	781
RESOURCES														
5 SYSTEM HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	15	15	15	15	15	15	15	15	15	15	14	14	14	14
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	236	236	236	236	236	236	236	236	236	236	184	184	184	235
20 HYD,SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-16	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0
23 NET RESOURCES	200	165	200	210	216	216	216	216	216	216	154	154	154	214
24 SURPLUS/DEFICIT	-424	-454	-419	-597	-767	-967	-1033	-1044	-1087	-875	-878	-878	-746	-567
25 DEDICATED RESOURCES	236	236	236	236	236	236	236	236	236	236	184	184	184	235
26 PURCHASE FROM BPA	424	454	419	597	767	967	1033	1044	1087	875	878	878	746	567
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	715	711	711	939	1130	1371	1475	1416	1489	1194	1141	1141	1005	878
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	715	711	711	939	1130	1371	1475	1416	1489	1194	1141	1141	1005	878
RESOURCES														
5 SYSTEM HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	9	9	9	9	9	9	9	9	9	9	7	7	7	7
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	230	230	230	230	230	230	230	230	230	230	177	177	177	228
20 HYD,SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-16	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0
23 NET RESOURCES	193	159	193	204	209	209	209	209	209	209	147	147	147	208
24 SURPLUS/DEFICIT	-522	-552	-518	-735	-920	-1162	-1266	-1207	-1279	-985	-994	-994	-858	-670
25 DEDICATED RESOURCES	230	230	230	230	230	230	230	230	230	230	177	177	177	228
26 PURCHASE FROM BPA	522	552	518	735	920	1162	1266	1207	1279	985	994	994	858	670
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	782	778	778	1028	1234	1500	1609	1542	1623	1300	1244	1244	1094	955
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	782	778	778	1028	1234	1500	1609	1542	1623	1300	1244	1244	1094	955
RESOURCES														
5 SYSTEM HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	224	224	224	224	224	224	224	224	224	224	173	173	173	224
20 HYD,SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-16	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0
23 NET RESOURCES	187	153	187	198	203	203	203	203	203	203	143	143	143	203
24 SURPLUS/DEFICIT	-594	-625	-591	-830	-1031	-1297	-1405	-1339	-1419	-1097	-1101	-1101	-951	-752
25 DEDICATED RESOURCES	224	224	224	224	224	224	224	224	224	224	173	173	173	224
26 PURCHASE FROM BPA	594	625	591	830	1031	1297	1405	1339	1419	1097	1101	1101	951	752
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-15

SNOHOMISH LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	906	902	902	1191	1431	1740	1857	1804	1897	1519	1452	1452	1278	1116
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	906	902	902	1191	1431	1740	1857	1804	1897	1519	1452	1452	1278	1116
RESOURCES														
5 SYSTEM HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	221	221	221	221	221	221	221	221	221	221	170	170	170	221
20 HYD,SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-16	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0
23 NET RESOURCES	184	150	184	195	200	200	200	200	200	200	140	140	140	200
24 SURPLUS/DEFICIT	-721	-752	-718	-996	-1231	-1539	-1657	-1603	-1696	-1318	-1312	-1312	-1138	-915
25 DEDICATED RESOURCES	221	221	221	221	221	221	221	221	221	221	170	170	170	221
26 PURCHASE FROM BPA	721	752	718	996	1231	1539	1657	1603	1696	1318	1312	1312	1138	915
27 SURPLUS/DEFICIT W/PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	677	679	679	751	893	996	1039	1057	1018	972	898	898	822	732
2 EXPORTS	41	74	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	718	753	753	825	967	1037	1080	1098	1059	1013	939	939	863	773
RESOURCES														
5 SYSTEM HYDRO	805	805	805	797	776	743	722	710	736	747	734	755	691	801
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	75	107	107	121	128
7A CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	932	926	926	897	855	811	790	778	803	817	837	858	808	925
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	128	128	128	128	128	128	128	128	128	128	116	116	116	116
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	38	38	38	38	38	38	38	38	38	38	38	38	38	38
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	9	9	9	9	9	9	9	9	9	9	8	8	8	8
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1209	1203	1203	1175	1132	1088	1067	1056	1081	1095	1051	1072	1022	1190
20 HYD,SM THRM & MISC RESERVES	-49	-49	-49	-48	-46	-44	-42	-42	-43	-43	-44	-45	-43	-49
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-90	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54
23 NET RESOURCES	1054	963	917	987	1066	1027	1006	996	1017	1015	977	993	925	1072
24 SURPLUS/DEFICIT	337	210	164	162	99	-10	-74	-102	-42	1	39	54	62	299
25 DEDICATED RESOURCES	1002	1003	1003	994	973	940	919	908	933	944	879	900	836	998
26 PURCHASE FROM BPA	0	0	0	0	0	117	181	209	149	108	92	76	82	0
27 SURPLUS/DEFICIT W/PURCH	337	210	164	162	99	107	107	107	107	109	130	130	144	299

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	692	693	693	778	913	1026	1096	1097	1077	983	919	919	848	760
2 EXPORTS	41	74	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	733	767	767	852	987	1067	1137	1138	1118	1024	960	960	889	801
RESOURCES														
5 SYSTEM HYDRO	805	805	805	797	776	743	722	710	736	747	734	755	691	801
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	75	107	107	121	128
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	934	928	928	899	857	813	792	780	805	819	839	860	810	927
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	72	72	72	72	72	72	72	72	72	72	61	61	61	61
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	38	38	38	38	38	38	38	38	38	38	38	38	38	38
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	5	5	5	5	5	5	5	5	5	5	4	4	4	4
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1151	1145	1145	1117	1074	1030	1009	998	1023	1037	993	1014	964	1132
20 HYD,SM THRM & MISC RESERVES	-49	-49	-49	-48	-46	-44	-42	-42	-43	-43	-44	-45	-43	-49
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-90	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54
23 NET RESOURCES	997	905	859	929	1008	969	948	938	959	957	919	935	867	1015
24 SURPLUS/DEFICIT	264	137	91	77	21	-99	-188	-200	-159	-68	-41	-25	-22	213
25 DEDICATED RESOURCES	1000	1001	1001	992	971	938	917	905	931	942	877	898	834	996
26 PURCHASE FROM BPA	0	0	0	0	8	150	240	251	210	121	116	100	111	0
27 SURPLUS/DEFICIT W/PURCH	264	137	91	77	29	51	51	51	51	54	75	75	89	213

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	732	734	734	823	967	1087	1161	1161	1139	1040	972	972	897	804
2 EXPORTS	41	74	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	773	808	808	897	1041	1128	1202	1202	1180	1081	1013	1013	938	845
RESOURCES														
5 SYSTEM HYDRO	805	805	805	797	776	743	722	710	736	747	734	755	691	801
6 CONTRACT HYDRO	131	125	125	105	83	72	72	72	72	75	107	107	121	128
7A CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7B CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	932	926	926	898	855	811	790	779	804	818	837	858	808	925
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	24	24	24	24	24	24	24	24	24	24	23	23	23	23
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	38	38	38	38	38	38	38	38	38	38	38	38	38	38
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1098	1092	1092	1063	1021	977	956	944	970	984	951	972	922	1090
20 HYD,SM THRM & MISC RESERVES	-49	-49	-49	-48	-46	-44	-42	-42	-43	-43	-44	-45	-43	-49
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-90	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54
23 NET RESOURCES	943	851	806	876	954	915	895	885	906	903	877	893	825	972
24 SURPLUS/DEFICIT	170	43	-2	-22	-86	-213	-306	-317	-274	-178	-136	-120	-113	128
25 DEDICATED RESOURCES	995	995	995	987	966	933	912	900	925	937	872	893	829	991
26 PURCHASE FROM BPA	0	0	25	24	67	216	310	320	277	183	173	158	164	0
27 SURPLUS/DEFICIT W/PURCH	170	43	23	3	-19	3	3	3	3	6	37	37	51	128

TABLE U-16

TACOMA LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	820	823	823	923	1084	1219	1302	1310	1285	1173	1096	1096	1011	906
2 EXPORTS	41	74	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	861	897	897	997	1158	1260	1343	1351	1326	1214	1137	1137	1052	947
RESOURCES														
5 SYSTEM HYDRO	805	805	805	797	776	743	722	710	736	747	734	755	691	801
6 CONTRACT HYDRO	60	53	53	33	12	1	1	1	1	3	36	36	49	56
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	865	859	859	830	788	744	722	711	736	750	769	790	740	857
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	38	38	38	38	38	38	38	38	38	38	38	38	38	38
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	102	102	102	102	102	102	102	102	102	102	51	51	51	102
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	1005	999	999	970	928	884	863	851	877	891	858	879	829	998
20 HYD,SM THRM & MISC RESERVES	-45	-45	-45	-44	-42	-40	-39	-38	-39	-40	-41	-42	-39	-45
21 LARGE THERMAL RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-8	-8	-8	-15
22 HYDRO MAINTENANCE	-90	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54
23 NET RESOURCES	854	762	716	786	865	826	806	795	816	814	788	804	736	884
24 SURPLUS/DEFICIT	-7	-135	-180	-211	-293	-434	-537	-555	-510	-400	-349	-333	-316	-64
25 DEDICATED RESOURCES	907	908	908	899	878	845	824	813	838	849	785	806	742	904
26 PURCHASE FROM BPA	64	152	198	208	268	432	535	553	507	400	381	366	362	117
27 SURPLUS/DEFICIT W/PURCH	57	17	17	-3	-25	-2	-2	-2	-2	0	32	32	46	53

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4195	4182	4182	4294	4716	5210	5681	5934	5465	5062	4811	4811	4657	4314
2 EXPORTS	22	20	20	0	0	0	0	0	0	0	0	0	0	21
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	4221	4206	4206	4298	4720	5214	5685	5938	5469	5066	4815	4815	4661	4338
RESOURCES														
5 SYSTEM HYDRO	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 CONTRACT HYDRO	176	173	173	170	167	167	168	168	168	176	176	176	174	174
7A CAN. ENT. RETURN (CSPE)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-9	-9	-9	-9
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	179	176	176	173	170	171	172	172	172	179	180	180	178	178
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	140	140	140	140	140	140	140	140	140	140	127	127	127	127
13 RENEWABLES	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 COGENERATION	16	16	16	16	17	17	17	17	17	17	17	17	16	16
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	74	74	74	74	74	74	74	74	74	74	72	72	72	72
17 LARGE THERMAL	53	53	53	53	53	53	53	53	53	0	0	53	53	53
18 PURPA RESOURCES	39	39	39	39	39	39	39	39	39	39	39	39	39	39
19 TOTAL RESOURCES	505	502	502	500	497	498	500	500	500	454	440	493	491	491
20 HYD,SM THRM & MISC RESERVES	-12	-11	-11	-11	-11	-11	-11	-11	-11	-12	-12	-12	-12	-12
21 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	0	0	-8	-8	-8
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	485	483	483	481	478	479	480	480	480	442	428	473	472	471
24 SURPLUS/DEFICIT	-3735	-3723	-3723	-3817	-4242	-4735	-5204	-5458	-4989	-4624	-4386	-4341	-4190	-3867
25 DEDICATED RESOURCES	408	408	408	425	423	424	425	425	425	432	418	418	417	396
26 PURCHASE FROM BPA	3806	3793	3793	3888	4312	4806	5275	5528	5059	4642	4404	4412	4260	3938
27 SURPLUS/DEFICIT W/PURCH	71	71	71	71	71	71	71	71	71	18	18	71	71	71

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES
INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4372	4367	4367	4477	4921	5433	5906	6203	5739	5348	5087	5087	4926	4564
2 EXPORTS	22	20	20	0	0	0	0	0	0	0	0	0	0	21
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	4398	4390	4390	4481	4925	5437	5910	6207	5743	5352	5091	5091	4930	4588
RESOURCES														
5 SYSTEM HYDRO	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 CONTRACT HYDRO	176	173	173	170	167	167	168	168	168	176	176	176	174	174
7A CAN. ENT. RETURN (CSPE)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	184	181	181	178	175	175	176	176	176	184	185	185	183	183
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	79	79	79	79	79	79	79	79	79	79	66	66	66	66
13 RENEWABLES	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	65	65	65	65	65	65	65	65	65	65	63	63	63	63
17 LARGE THERMAL	53	53	53	53	53	53	53	53	53	0	0	53	53	53
18 PURPA RESOURCES	39	40	40	40	40	40	40	40	40	40	40	40	40	40
19 TOTAL RESOURCES	424	422	422	418	416	416	417	417	417	371	358	411	410	410
20 HYD,SM THRM & MISC RESERVES	-12	-12	-12	-11	-11	-11	-11	-11	-11	-12	-12	-12	-12	-12
21 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	0	0	-8	-8	-8
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	404	402	402	399	396	397	398	398	398	360	347	392	390	390
24 SURPLUS/DEFICIT	-3994	-3988	-3988	-4082	-4528	-5040	-5512	-5809	-5345	-4992	-4744	-4699	-4540	-4198
25 DEDICATED RESOURCES	327	328	328	344	341	342	343	343	343	350	337	337	335	314
26 PURCHASE FROM BPA	4065	4059	4059	4153	4599	5111	5582	5880	5416	5010	4762	4770	4611	4269
27 SURPLUS/DEFICIT W/PURCH	71	71	71	71	71	71	71	71	71	18	18	71	71	71

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4692	4680	4680	4809	5290	5843	6346	6615	6126	5710	5431	5431	5265	4883
2 EXPORTS	22	20	20	0	0	0	0	0	0	0	0	0	0	21
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	4718	4703	4703	4813	5294	5847	6350	6619	6130	5714	5435	5435	5269	4907
RESOURCES														
5 SYSTEM HYDRO	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 CONTRACT HYDRO	176	173	173	170	167	167	168	168	168	176	176	176	174	174
7A CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
7B CAN. ENT. RETURN (CANADA)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	180	177	177	174	171	172	173	173	173	180	180	180	178	178
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	26	26	26	26	26	26	26	26	26	26	26	26	26	26
13 RENEWABLES	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	57	57	57	57	57	57	57	57	57	57	57	57	57	57
17 LARGE THERMAL	53	53	53	53	53	53	53	53	53	0	0	53	53	53
18 PURPA RESOURCES	39	40	40	40	40	40	40	40	40	40	40	40	40	40
19 TOTAL RESOURCES	361	359	359	356	353	353	354	354	354	309	308	361	359	359
20 HYD,SM THRM & MISC RESERVES	-12	-12	-12	-11	-11	-11	-11	-11	-11	-12	-12	-12	-12	-12
21 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	0	0	-8	-8	-8
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	342	340	340	336	333	334	335	335	335	297	296	341	340	340
24 SURPLUS/DEFICIT	-4377	-4364	-4364	-4476	-4960	-5513	-6015	-6284	-5795	-5417	-5139	-5094	-4929	-4568
25 DEDICATED RESOURCES	265	265	265	281	278	279	280	280	280	287	286	286	285	264
26 PURCHASE FROM BPA	4447	4434	4434	4547	5031	5584	6086	6355	5866	5435	5157	5165	5000	4638
27 SURPLUS/DEFICIT W/PURCH	71	71	71	71	71	71	71	71	71	18	18	71	71	71

TABLE U-17

SMALL AND NONGENERATING PUBLIC AGENCIES LOADS AND RESOURCES
INCLUDING CLARK AND GRAYS HARBOR PUD

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	5317	5306	5306	5438	5987	6609	7190	7415	6888	6437	6138	6138	5956	5514
2 EXPORTS	22	20	20	0	0	0	0	0	0	0	0	0	0	21
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	5343	5329	5329	5442	5991	6613	7194	7419	6892	6441	6142	6142	5960	5539
RESOURCES														
5 SYSTEM HYDRO	14	14	14	14	14	14	14	14	14	14	14	14	14	14
6 CONTRACT HYDRO	158	156	156	152	150	131	132	132	132	139	139	139	138	138
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-12	-12	-12	-12	-12	-10	-10	-10	-10	-10	-10	-10	-10	-10
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	160	157	157	154	151	135	135	135	135	143	143	143	141	141
10 SMALL THERMAL & MISC	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	54	54	54	54	54	54	54	54	54	54	54	54	54	54
17 LARGE THERMAL	53	53	53	53	53	53	53	53	53	0	0	53	53	53
18 PURPA RESOURCES	39	40	40	40	40	40	40	40	40	40	38	38	38	38
19 TOTAL RESOURCES	312	310	310	307	304	287	288	288	288	243	241	294	292	292
20 HYD,SM THRM & MISC RESERVES	-11	-11	-11	-11	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
21 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	0	0	-8	-8	-8
22 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 NET RESOURCES	294	292	292	288	285	270	271	271	271	233	231	276	274	274
24 SURPLUS/DEFICIT	-5050	-5038	-5038	-5154	-5706	-6343	-6923	-7148	-6621	-6208	-5911	-5866	-5686	-5264
25 DEDICATED RESOURCES	216	216	216	232	229	213	214	214	214	221	219	219	218	197
26 PURCHASE FROM BPA	5120	5108	5108	5224	5776	6414	6993	7218	6691	6226	5928	5936	5756	5335
27 SURPLUS/DEFICIT W/PURCH	71	71	71	71	71	71	71	71	71	18	18	71	71	71

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4067	4110	4110	4419	5133	5740	5958	6134	5965	5539	5219	5219	4831	4373
2 EXPORTS	41	74	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	89	89	89	89	89	64	64	64	64	64	64	64	64	89
4 TOTAL LOADS	4197	4273	4273	4582	5296	5845	6063	6239	6070	5645	5324	5324	4936	4503
RESOURCES														
5 SYSTEM HYDRO	3587	3938	3925	3773	3726	3789	3722	3704	3702	3658	3667	3930	3691	3962
6 CONTRACT HYDRO	388	364	364	324	285	264	262	259	259	265	337	337	393	406
7A CAN. ENT. RETURN (CSPE)	-88	-88	-88	-88	-88	-88	-88	-88	-88	-88	-80	-80	-80	-80
7B CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	3886	4214	4201	4008	3923	3964	3896	3875	3873	3835	3924	4187	4004	4289
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	371	371	371	371	371	371	371	371	371	371	339	339	339	339
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	64	84	84	84	84	84	64	84	84	84	84	84	84	84
15 IMPORTS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
16 CONTRACTS IN	248	248	248	248	248	248	248	248	248	248	231	231	231	231
17 LARGE THERMAL	307	307	307	307	307	307	307	307	307	307	154	154	154	307
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	5021	5368	5356	5163	5078	5081	5007	5027	5057	5056	4875	5138	4955	5394
20 HYD,SM THRM & MISC RESERVES	-202	-220	-219	-210	-206	-208	-203	-203	-203	-201	-205	-218	-209	-223
21 LARGE THERMAL RESERVES	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-23	-23	-23	-46
22 HYDRO MAINTENANCE	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES	4518	4525	4552	4425	4712	4746	4698	4704	4707	4597	4406	4652	4483	4876
24 SURPLUS/DEFICIT	321	252	279	-157	-584	-1100	-1365	-1535	-1363	-1048	-919	-673	-453	372
25 DEDICATED RESOURCES	4591	4926	4913	4744	4682	4705	4652	4652	4681	4669	4464	4727	4530	4959
26 PURCHASE FROM BPA	1208	1292	1253	1463	1744	2155	2319	2377	2302	2086	1952	1920	1769	1363
27 SURPLUS/DEFICIT W/PURCH	1530	1544	1532	1306	1160	1055	954	842	939	1038	1034	1248	1316	1735

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4253	4299	4299	4707	5402	6104	6476	6534	6461	5746	5476	5476	5107	4649
2 EXPORTS	241	274	274	248	74	41	41	41	41	41	41	41	41	221
3 CONTRACTS OUT	114	114	114	114	114	64	64	64	64	64	64	64	64	114
4 TOTAL LOADS	4609	4688	4688	5069	5590	6209	6581	6639	6566	5852	5581	5581	5212	4985
RESOURCES														
5 SYSTEM HYDRO	3649	4000	3987	3834	3780	3840	3773	3754	3753	3708	3717	3980	3747	3972
6 CONTRACT HYDRO	388	364	364	324	285	264	262	259	259	265	337	337	393	406
7A CAN. ENT. RETURN (CSPE)	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-39	-39	-39	-39
7B CAN. ENT. RETURN CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	3989	4317	4304	4110	4018	4057	3988	3966	3964	3926	4015	4278	4101	4339
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	209	209	209	209	209	209	209	209	209	209	177	177	177	177
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	64	84	84	84	84	84	64	84	84	84	84	84	84	84
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	166	166	166	166	166	166	166	166	166	166	150	150	150	150
17 LARGE THERMAL	307	307	307	307	307	307	307	307	307	307	154	154	154	307
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	4880	5228	5215	5021	4929	4929	5035	5074	5105	5103	4724	4986	4809	5201
20 HYD,SM THRM & MISC RESERVES	-205	-223	-222	-213	-208	-210	-206	-205	-205	-203	-207	-221	-212	-224
21 LARGE THERMAL RESERVES	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-23	-23	-23	-46
22 HYDRO MAINTENANCE	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES	4374	4381	4409	4280	4560	4592	4724	4749	4752	4642	4252	4497	4334	4683
24 SURPLUS/DEFICIT	-234	-306	-279	-789	-1030	-1618	-1857	-1891	-1814	-1210	-1330	-1084	-878	-302
25 DEDICATED RESOURCES	4504	4839	4826	4656	4586	4608	4553	4553	4583	4570	4366	4629	4437	4820
26 PURCHASE FROM BPA	1379	1466	1426	1704	1999	2489	2759	2708	2680	2296	2191	2158	2013	1558
27 SURPLUS/DEFICIT W/PURCH	1144	1159	1147	915	969	871	902	818	866	1086	861	1074	1135	1256

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	4549	4598	4598	5047	5797	6561	6958	6993	6934	6142	5845	5845	5440	4947
2 EXPORTS	241	274	274	248	74	41	41	41	41	41	41	41	41	221
3 CONTRACTS OUT	100	100	100	100	100	50	50	50	50	50	50	50	50	100
4 TOTAL LOADS	4890	4972	4972	5395	5972	6653	7049	7085	7026	6233	5936	5936	5531	5269
RESOURCES														
5 SYSTEM HYDRO	3708	4059	4047	3893	3840	3900	3832	3814	3812	3768	3777	4039	3807	4032
6 CONTRACT HYDRO	388	364	364	324	285	264	262	259	259	265	337	337	393	406
7A CAN. ENT. RETURN (CSPE)	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-14	-14	-14	-14
7B CAN. ENT. RETURN CANADA)	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66	-66
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	4015	4343	4330	4136	4044	4082	4014	3991	3990	3951	4033	4296	4119	4357
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	70	70	70	70	70	70	70	70	70	70	68	68	68	68
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	64	84	84	84	84	84	64	84	84	84	84	84	84	84
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	101	101	101	101	101	101	101	101	101	101	100	100	100	100
17 LARGE THERMAL	307	307	307	307	307	307	307	307	307	307	154	154	154	307
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	4701	5048	5036	4842	4749	4750	4856	4895	4925	4924	4583	4845	4669	5060
20 HYD,SM THRM & MISC RESERVES	-208	-226	-225	-216	-211	-213	-209	-208	-208	-206	-210	-223	-215	-227
21 LARGE THERMAL RESERVES	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-23	-23	-23	-46
22 HYDRO MAINTENANCE	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES	4192	4199	4226	4098	4378	4409	4541	4566	4570	4459	4108	4353	4191	4539
24 SURPLUS/DEFICIT	-698	-774	-746	-1297	-1594	-2243	-2508	-2518	-2456	-1774	-1829	-1583	-1341	-730
25 DEDICATED RESOURCES	4373	4707	4695	4524	4455	4476	4422	4422	4451	4439	4262	4525	4334	4717
26 PURCHASE FROM BPA	1616	1738	1722	2008	2365	2896	3170	3108	3109	2668	2542	2508	2361	1819
27 SURPLUS/DEFICIT W/PURCH	918	964	976	711	771	652	662	589	653	894	713	925	1021	1089

TABLE U-18

GENERATING PUBLIC AGENCIES LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	5098	5156	5156	5684	6545	7428	7875	7989	7918	7000	6644	6644	6169	5601
2 EXPORTS	241	274	274	248	74	41	41	41	41	41	41	41	41	221
3 CONTRACTS OUT	100	100	100	100	100	50	50	50	50	50	50	50	50	100
4 TOTAL LOADS	5439	5530	5530	6032	6720	7519	7966	8081	8010	7091	6735	6735	6261	5922
RESOURCES														
5 SYSTEM HYDRO	4420	4772	4759	4605	4552	5192	5126	5108	5103	5059	5067	5332	5108	5322
6 CONTRACT HYDRO	211	188	188	147	108	42	40	37	37	43	115	115	171	184
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN CANADA)	-156	-156	-156	-156	-156	-212	-212	-212	-212	-212	-212	-212	-212	-212
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	4475	4803	4790	4596	4504	5022	4954	4933	4928	4890	4970	5235	5067	5293
10 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	63	83	83	83	83	83	63	83	83	83	83	83	83	83
15 IMPORTS	143	143	143	143	143	105	299	341	372	409	143	143	143	143
16 CONTRACTS IN	71	71	71	71	71	71	71	71	71	71	71	71	71	71
17 LARGE THERMAL	307	307	307	307	307	307	307	307	307	307	154	154	154	307
18 PURPA RESOURCES	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL RESOURCES	5061	5409	5396	5202	5110	5589	5695	5736	5763	5762	5421	5687	5518	5899
20 HYD,SM THRM & MISC RESERVES	-235	-253	-252	-243	-238	-267	-262	-262	-262	-260	-264	-277	-269	-280
21 LARGE THERMAL RESERVES	-46	-46	-46	-46	-46	-46	-46	-46	-46	-46	-23	-23	-23	-46
22 HYDRO MAINTENANCE	-254	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249
23 NET RESOURCES	4526	4532	4560	4432	4711	5195	5328	5354	5354	5244	4893	5141	4987	5324
24 SURPLUS/DEFICIT	-914	-998	-970	-1600	-2008	-2324	-2638	-2727	-2655	-1847	-1842	-1594	-1274	-598
25 DEDICATED RESOURCES	4172	4507	4494	4323	4254	4180	4126	4127	4153	4141	3965	4230	4047	4419
26 PURCHASE FROM BPA	2268	2527	2525	2839	3253	3961	4259	4302	4271	3730	3598	3564	3415	2747
27 SURPLUS/DEFICIT W/PURCH	1354	1529	1555	1238	1244	1637	1621	1575	1616	1883	1756	1971	2140	2149

SECTION IX - Miscellaneous
(OY 1990-91, 1995-96, 2000-01 and 2009-10)

CAPACITY ANALYSIS

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TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	295	295	295	295	295	295	295	295	295	295	295	295	295	295
7A CAN. ENT. RETURN (CSPE)	-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-15	-15	-15	-15
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	279	279	279	279	279	279	279	279	279	279	280	280	280	280
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	33	33	33	33	33	33	33	33	33	33	30	30	30	30
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	312	312	312	312	312	312	312	312	312	312	310	310	310	310
20 HYD,SM THRM & MISC RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-26	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16
23 NET RESOURCES	271	276	276	281	287	291	291	297	297	281	275	274	268	280
24 SURPLUS/DEFICIT	-20	-16	-16	-11	-5	-1	-1	5	5	-11	-17	-18	-24	-12

TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	295	295	295	295	295	295	295	295	295	295	295	295	295	295
7A CAN. ENT. RETURN (CSPE)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-7	-7	-7	-7
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	287	287	287	287	287	287	287	287	287	287	288	288	288	288
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	17	17	17	17	17	17	17	17	17	17	15	15	15	15
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	304	304	304	304	304	304	304	304	304	304	303	303	303	303
20 HYD,SM THRM & MISC RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-26	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16
23 NET RESOURCES	264	268	268	273	279	283	283	289	289	273	267	266	260	272
24 SURPLUS/DEFICIT	75	79	79	84	90	94	94	100	100	84	78	77	71	83

TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	295	295	295	295	295	295	295	295	295	295	295	295	295	295
7A CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
7B CAN. ENT. RETURN (CANADA)	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	280	280	280	280	280	280	280	280	280	280	280	280	280	280
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	286	286	286	286	286	286	286	286	286	286	286	286	286	286
20 HYD,SM THRM & MISC RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-26	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16
23 NET RESOURCES	245	250	250	255	261	265	265	271	271	255	250	249	243	255
24 SURPLUS/DEFICIT	56	61	61	66	72	76	76	82	82	66	61	60	54	66

TABLE M-1

COLOCKUM LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 SYSTEM HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 CONTRACT HYDRO	295	295	295	295	295	295	295	295	295	295	295	295	295	295
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	273	273	273	273	273	273	273	273	273	273	273	273	273	273
10 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PURPA RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL RESOURCES	273	273	273	273	273	273	273	273	273	273	273	273	273	273
20 HYD,SM THRM & MISC RESERVES	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
21 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 HYDRO MAINTENANCE	-26	-21	-21	-16	-10	-6	-6	0	0	-16	-21	-22	-28	-16
23 NET RESOURCES	232	237	237	242	248	252	252	258	258	242	237	236	231	242
24 SURPLUS/DEFICIT	43	48	48	53	59	63	63	69	69	53	48	47	42	53

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1192	1159	1159	1094	1178	1261	1342	1438	1302	1165	1063	1063	1029	1110
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	1192	1159	1159	1094	1178	1261	1342	1438	1302	1165	1063	1063	1029	1110
RESOURCES														
5 SYSTEM HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
10 SMALL THERMAL & MISC	211	211	211	151	151	211	211	211	211	211	211	211	60	60
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17 LARGE THERMAL	527	527	527	527	527	527	527	527	527	527	367	160	160	527
18 PURPA RESOURCES	24	24	24	24	24	24	24	24	24	24	24	24	24	24
19 TOTAL RESOURCES	1417	1418	1418	1357	1356	1413	1408	1404	1401	1402	1235	1032	887	1266
20 HYD,SM THRM & MISC RESERVES	34	34	34	31	31	34	34	34	34	34	33	33	26	27
21 LARGE THERMAL RESERVES	79	79	79	79	79	79	79	79	79	79	55	24	24	79
22 HYDRO MAINTENANCE	-5	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1
23 NET RESOURCES	1525	1497	1497	1468	1466	1526	1521	1516	1504	1495	1323	1089	937	1370
24 SURPLUS/DEFICIT	333	338	338	374	289	264	179	79	201	330	260	26	-93	260

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1246	1209	1209	1139	1225	1306	1397	1496	1360	1210	1096	1096	1059	1153
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	1246	1209	1209	1139	1225	1306	1397	1496	1360	1210	1096	1096	1059	1153
RESOURCES														
5 SYSTEM HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
10 SMALL THERMAL & MISC	211	211	211	151	151	211	211	211	211	211	211	211	60	60
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	180	180	180	180	180	180	180	180	180	180	180	180	180	180
17 LARGE THERMAL	527	527	527	527	527	527	527	527	527	527	370	367	157	317
18 PURPA RESOURCES	26	26	26	26	26	26	26	26	26	26	26	26	26	26
19 TOTAL RESOURCES	1419	1420	1420	1360	1359	1415	1411	1406	1403	1404	1240	1241	886	1058
20 HYD,SM THRM & MISC RESERVES	34	34	34	31	31	34	34	34	34	34	33	33	26	27
21 LARGE THERMAL RESERVES	79	79	79	79	79	79	79	79	79	79	55	55	24	48
22 HYDRO MAINTENANCE	-5	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1
23 NET RESOURCES	1528	1500	1499	1470	1469	1528	1524	1519	1506	1497	1329	1330	936	1131
24 SURPLUS/DEFICIT	281	290	290	332	244	222	127	23	147	288	233	234	-123	-22

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1323	1282	1282	1207	1302	1378	1484	1572	1438	1282	1153	1153	1110	1220
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	1323	1282	1282	1207	1302	1378	1484	1572	1438	1282	1153	1153	1110	1220
RESOURCES														
5 SYSTEM HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
10 SMALL THERMAL & MISC	211	211	211	151	151	211	211	211	211	211	211	211	60	60
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	100	100	100	100	100	100	100	100	100	100	100	100	100	100
17 LARGE THERMAL	527	527	527	527	527	527	527	527	527	527	527	317	210	370
18 PURPA RESOURCES	36	36	36	36	36	36	36	36	36	36	36	36	36	36
19 TOTAL RESOURCES	1349	1350	1349	1289	1288	1344	1340	1335	1333	1334	1326	1121	868	1040
20 HYD,SM THRM & MISC RESERVES	34	34	34	31	31	34	34	34	34	34	33	33	26	27
21 LARGE THERMAL RESERVES	79	79	79	79	79	79	79	79	79	79	79	48	31	55
22 HYDRO MAINTENANCE	-5	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1
23 NET RESOURCES	1457	1429	1429	1400	1398	1458	1453	1448	1435	1427	1439	1202	926	1122
24 SURPLUS/DEFICIT	134	146	146	193	96	80	-31	-124	-3	145	286	48	-184	-99

TABLE M-2

MONTANA TOTAL LOADS AND RESOURCES

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LOADS														
1 SYSTEM LOADS	1550	1490	1490	1401	1514	1584	1727	1821	1680	1488	1327	1327	1277	1414
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	1550	1490	1490	1401	1514	1584	1727	1821	1680	1488	1327	1327	1277	1414
RESOURCES														
5 SYSTEM HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
6 CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7A CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7B CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO	475	476	476	476	474	471	467	462	459	460	453	457	463	475
10 SMALL THERMAL & MISC	211	211	211	151	151	211	211	211	211	211	211	211	60	60
11 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 LARGE THERMAL	527	527	527	527	527	527	527	527	527	527	370	367	157	317
18 PURPA RESOURCES	36	36	36	36	36	36	36	36	36	36	36	36	36	36
19 TOTAL RESOURCES	1249	1250	1249	1189	1188	1244	1240	1235	1233	1234	1069	1071	715	888
20 HYD,SM THRM & MISC RESERVES	34	34	34	31	31	34	34	34	34	34	33	33	26	27
21 LARGE THERMAL RESERVES	79	79	79	79	79	79	79	79	79	79	55	55	24	48
22 HYDRO MAINTENANCE	-5	-34	-34	0	0	0	0	0	-10	-20	0	0	0	-1
23 NET RESOURCES	1357	1329	1329	1300	1298	1358	1353	1348	1335	1327	1158	1159	765	961
24 SURPLUS/DEFICIT	-192	-161	-161	-101	-216	-226	-374	-473	-345	-162	-169	-168	-512	-453

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST														
1 BASIN ELEC FOR WAPA	185	185	185	185	185	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST														
2 BASIN ELEC FOR WAPA	185	185	185	185	185	0	0	0	0	0	0	0	0	0
COGENERATION														
3 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
THERMAL														
4 SDG&E SHARE OF BOARDMAN	75	75	75	75	75	75	75	75	75	0	0	75	75	75

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST														
1 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST														
2 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COGENERATION														
3 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
THERMAL														
4 SDG&E SHARE OF BOARDMAN	75	75	75	75	75	75	75	75	75	0	0	75	75	75

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST														
1 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST														
2 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COGENERATION														
3 WAPA PURCH OF LONGVIEW FIBRE	45	45	45	45	45	45	45	45	45	45	45	45	45	45
THERMAL														
4 SDG&E SHARE OF BOARDMAN	75	75	75	75	75	75	75	75	75	0	0	75	75	75

TABLE M-3

NON-NORTHWEST UTILITY TRANSACTIONS

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORT TRANSFER FORM THE EAST THROUGH THE NORTHWEST														
1 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORT TRANSFER TO THE SOUTHWEST THROUGH THE NORTHWEST														
2 BASIN ELEC FOR WAPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COGENERATION														
3 WAPA PURCH OF LONGVIEW FIBRE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THERMAL														
4 SDG&E SHARE OF BOARDMAN	75	75	75	75	75	75	75	75	75	0	0	75	75	75

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
RESOURCES AVAILABLE TO SERVE LOAD														
1 BOX CANYON	23	23	23	23	23	23	23	23	23	23	23	23	23	23
2 SEATTLE TO P.O.(BOUNDARY)	28	28	28	28	28	28	28	28	28	28	28	28	28	28
3 TOTAL RESOURCES	51	51	51	51	51	51	51	51	51	51	51	51	51	51
4 PONDERAY FIBRE MILL	51	51	51	51	51	51	51	51	51	51	51	51	51	51
5 SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
RESOURCES AVAILABLE TO SERVE LOAD														
1 BOX CANYON	21	21	21	21	21	21	21	21	21	21	21	21	21	21
2 SEATTLE TO P.O.(BOUNDARY)	32	32	32	32	32	32	32	32	32	32	32	32	32	32
3 TOTAL RESOURCES	53	53	53	53	53	53	53	53	53	53	53	53	53	53
4 PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
5 SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
RESOURCES AVAILABLE TO SERVE LOAD														
1 BOX CANYON	17	17	17	17	17	17	17	17	17	17	17	17	17	17
2 SEATTLE TO P.O.(BOUNDARY)	36	36	36	36	36	36	36	36	36	36	36	36	36	36
3 TOTAL RESOURCES	53	53	53	53	53	53	53	53	53	53	53	53	53	53
4 PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
5 SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-4

PEND OREILLE SERVICE TO PONDERAY FIBRE MILL

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
RESOURCES AVAILABLE TO SERVE LOAD														
1 BOX CANYON	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2 SEATTLE TO P.O.(BOUNDARY)	48	48	48	48	48	48	48	48	48	48	48	48	48	48
3 TOTAL RESOURCES	53	53	53	53	53	53	53	53	53	53	53	53	53	53
4 PONDERAY FIBRE MILL	53	53	53	53	53	53	53	53	53	53	53	53	53	53
5 SURPLUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-5

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME MINIMUM LOADS																
1	FEDERAL AGENCIES	109	117	117	115	111	119	129	129	124	121	118	118	108	108	117
2	USBR	128	122	122	85	34	3	2	2	2	3	32	32	84	110	50
3	FED AGENCIES LOSSES	106	112	112	106	115	141	162	170	153	136	124	124	113	112	129
4	DSI FIRM (ALUM & NON-ALUM)	2298	2302	2302	2299	2297	2295	2253	2246	2252	2250	2249	2249	2247	2223	2268
5	DSI FIRM LOSSES	55	55	55	53	57	62	65	67	63	61	59	59	56	56	59
6	EXPORTS	242	245	245	249	210	150	150	103	103	107	110	110	121	243	170
7	CONTRACTS OUT	325	401	401	448	598	874	874	827	803	657	437	437	158	151	546
8	SUPP & ENTIT TO WEST GROUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CSPE TO WEST GROUP UTIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	SMALL NON GEN UTIL PURCH	2023	1943	1941	1844	1894	2315	2624	2777	2588	2327	2216	2207	2043	2059	2221
11	GEN PUBLIC AGEN PURCH	1138	1172	1172	1212	1386	1544	1646	1781	1651	1700	1379	1355	1322	1129	1421
12	GEN PRIVATE UTIL PURCH	70	69	69	73	82	94	107	115	108	106	85	85	79	69	88
13	FED FIRM SUR SOLD ON PEAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FIRM NIGHTTIME MIN LOADS	6494	6536	6535	6483	6784	7597	8012	8219	7847	7468	6808	6775	6331	6261	7069
15	INDUSTRIAL TOP QUARTILE	764	766	766	764	764	763	749	748	750	749	749	749	749	741	755
16	INDUSTRIAL TOP QUART LOSSES	18	18	18	18	19	21	22	22	21	20	20	20	19	19	20
17	TOTAL NIGHTTIME MIN LOADS	7276	7321	7319	7264	7567	8380	8783	8989	8618	8237	7576	7544	7099	7020	7843
NIGHTTIME MINIMUM RESOURCES																
18	MINIMUM SYSTEM HYDRO	2311	2407	2407	2403	2326	2207	1553	1508	1351	2003	1918	1918	2002	2220	2017
19	MINIMUM CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	CAN. ENT. NON-FEDERAL	76	76	76	76	76	76	76	76	76	76	71	71	71	71	75
21	RESTORATION	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
22	TOTAL MINIMUM HYDRO	2364	2460	2460	2456	2379	2260	1606	1561	1404	2056	1966	1966	2050	2268	2069
23	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	LARGE THERMAL	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	35	17	691	945
28	FED PLANNED ACQUISITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-5 (CONTINUED)

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME EXPORT RETURNS															
29A BGP TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29B SCE TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29C SCE TO BPA OPT CAP R<1:1>	250	250	250	250	250	0	0	0	0	0	0	0	0	250	104
NIGHTTIME CONTRACT RETURNS															
30A SUPP ENT CAP R<1:1.25>	650	650	650	650	650	650	650	650	650	650	585	585	585	585	634
30B PP&L TO BPA, PK R R<1:.6>	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676
30C PGE TO BPA, PK REP R<1:.6>	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
30D MT TO BPA, PK R R<1:1.05>	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
30E WNP3 SETTLE TO BPA R<1:2>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 TOTAL MINIMUM RESOURCES	5313	5409	5409	5405	5328	4959	4305	4260	4103	4755	4600	3517	3583	4725	4684
32 FIRM NON-RETURNABLE S/D	-1181	-1127	-1126	-1078	-1456	-2638	-3707	-3959	-3744	-2713	-2208	-3258	-2748	-1535	-2385
33 TOTAL NON-RETURNABLE S/D	-1963	-1912	-1910	-1859	-2239	-3421	-4478	-4729	-4515	-3482	-2976	-4026	-3516	-2295	-3159
34 FIRM FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 FIRM 1-HOUR ROOM @ 50-H SAL	1181	1127	1126	1078	1456	2638	3707	3959	3744	2713	2208	3258	2748	1535	2385
37 TOT 1-HOUR ROOM @ 50-H SAL	1963	1912	1910	1859	2239	3421	4478	4729	4515	3482	2976	4026	3516	2295	3159

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE AS FOLLOWS:

A. BGP TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
B. SCE TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
C. SCE TO BPA OPT CAP, PEAKING REPLACEMENT ENDS OY 1994-95
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE M-5

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME MINIMUM LOADS																
1	FEDERAL AGENCIES	114	122	122	121	117	126	136	135	130	127	123	123	113	112	123
2	USBR	129	123	123	85	34	3	2	2	2	3	32	32	85	111	51
3	FED AGENCIES LOSSES	110	116	116	109	118	149	171	181	162	144	131	131	118	117	135
4	DSI FIRM (ALUM & NON-ALUM)	1926	1933	1933	1932	1932	1932	1904	1913	1933	1933	1934	1934	1934	1921	1927
5	DSI FIRM LOSSES	46	46	46	44	48	52	55	57	54	52	50	50	48	48	50
6	EXPORTS	233	235	235	245	219	150	150	103	103	107	110	110	122	241	168
7	CONTRACTS OUT	325	401	401	401	551	984	984	984	960	736	516	516	158	151	596
8	SUPP & ENTIT TO WEST GROUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	CSPE TO WEST GROUP UTIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	SMALL NON GEN UTIL PURCH	2151	2067	2065	1967	2024	2463	2784	2962	2760	2490	2375	2366	2193	2209	2370
11	GEN PUBLIC AGEN PURCH	1265	1300	1300	1364	1537	1725	1884	1979	1869	1861	1528	1504	1463	1281	1587
12	GEN PRIVATE UTIL PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	FED FIRM SUR SOLD ON PEAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	FIRM NIGHTTIME MIN LOADS	6300	6343	6342	6268	6581	7584	8071	8317	7974	7453	6799	6766	6233	6192	7008
15	INDUSTRIAL TOP QUARTILE	642	644	644	644	644	644	635	638	644	644	645	645	645	641	642
16	INDUSTRIAL TOP QUART LOSSES	15	16	16	15	16	17	18	19	18	17	17	17	16	16	17
17	TOTAL NIGHTTIME MIN LOADS	6957	7003	7001	6927	7241	8246	8724	8974	8636	8114	7461	7428	6894	6849	7667
NIGHTTIME MINIMUM RESOURCES																
18	MINIMUM SYSTEM HYDRO	2311	2407	2407	2403	2326	2207	1553	1508	1351	2003	1918	1918	2002	2220	2017
19	MINIMUM CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	CAN. ENT. NON-FEDERAL	56	56	56	56	56	56	56	56	56	56	54	54	54	54	55
21	RESTORATION	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
22	TOTAL MINIMUM HYDRO	2344	2440	2440	2436	2359	2240	1586	1541	1384	2036	1949	1949	2033	2251	2050
23	SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	LARGE THERMAL	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	0	0	695	945
28	FED PLANNED ACQUISITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-5 (CONTINUED)

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME EXPORT RETURNS															
29A BGP TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29B SCE TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29C SCE TO BPA OPT CAP R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIGHTTIME CONTRACT RETURNS															
30A SUPP ENT CAP R<1:1.25>	345	345	345	345	345	345	345	345	345	345	287	287	287	287	331
30B PP&L TO BPA, PK R R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30C PGE TO BPA, PK REP R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30D MT TO BPA, PK R R<1:1.05>	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
30E WNP3 SETTLE TO BPA R<1:2>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 TOTAL MINIMUM RESOURCES	3915	4011	4011	4007	3930	3811	3157	3112	2955	3607	3462	2341	2425	3338	3431
32 FIRM NON-RETURNABLE S/D	-2385	-2332	-2331	-2261	-2651	-3773	-4914	-5205	-5019	-3846	-3337	-4425	-3808	-2854	-3577
33 TOTAL NON-RETURNABLE S/D	-3042	-2992	-2990	-2920	-3311	-4435	-5567	-5863	-5681	-4507	-3998	-5087	-4469	-3511	-4237
34 FIRM FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 FIRM 1-HOUR ROOM @ 50-H SAL	2385	2332	2331	2261	2651	3773	4914	5205	5019	3846	3337	4425	3808	2854	3577
37 TOT 1-HOUR ROOM @ 50-H SAL	3042	2992	2990	2920	3311	4435	5567	5863	5681	4507	3998	5087	4469	3511	4237

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE AS FOLLOWS:

A. BGP TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
B. SCE TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
C. SCE TO BPA OPT CAP, PEAKING REPLACEMENT ENDS OY 1994-95
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE M-5

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME MINIMUM LOADS															
1 FEDERAL AGENCIES	118	125	125	125	121	129	140	140	134	131	126	126	116	116	127
2 USBR	129	124	124	86	34	3	2	2	2	3	32	32	86	112	51
3 FED AGENCIES LOSSES	109	112	112	106	116	151	176	183	166	141	131	131	119	119	136
4 DSI FIRM (ALUM & NON-ALUM)	1893	1899	1899	1898	1898	1898	1870	1878	1898	1898	1899	1899	1899	1900	1894
5 DSI FIRM LOSSES	45	46	46	44	47	51	54	56	53	51	49	49	48	48	49
6 EXPORTS	315	315	315	315	315	315	315	315	315	315	312	312	312	312	314
7 CONTRACTS OUT	1	1	1	1	1	623	623	623	623	235	235	235	1	1	247
8 SUPP & ENTIT TO WEST GROUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CSPE TO WEST GROUP UTIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL NON GEN UTIL PURCH	2328	2237	2235	2131	2192	2664	3009	3185	2968	2680	2557	2548	2362	2377	2557
11 GEN PUBLIC AGEN PURCH	1477	1510	1510	1582	1774	1982	2163	2268	2156	2109	1739	1715	1689	1465	1825
12 GEN PRIVATE UTIL PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FED FIRM SUR SOLD ON PEAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FIRM NIGHTTIME MIN LOADS	6416	6369	6368	6287	6498	7815	8352	8650	8315	7564	7080	7047	6630	6449	7201
15 INDUSTRIAL TOP QUARTILE	631	633	633	632	632	632	623	626	632	632	633	633	633	633	631
16 INDUSTRIAL TOP QUART LOSSES	15	15	15	15	16	17	18	19	18	17	17	17	16	16	16
17 TOTAL NIGHTTIME MIN LOADS	7062	7017	7016	6934	7146	8464	8993	9294	8965	8213	7729	7697	7279	7098	7848
NIGHTTIME MINIMUM RESOURCES															
18 MINIMUM SYSTEM HYDRO	2311	2407	2407	2403	2326	2207	1553	1508	1351	2003	1918	1918	2002	2220	2017
19 MINIMUM CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 CAN. ENT. NON-FEDERAL	22	22	22	22	22	22	22	22	22	22	21	21	21	21	22
21 RESTORATION	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
22 TOTAL MINIMUM HYDRO	2310	2406	2406	2402	2325	2206	1552	1507	1350	2002	1916	1916	2000	2218	2016
23 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 LARGE THERMAL	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	0	0	695	945
28 FED PLANNED ACQUISITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-5 (CONTINUED)

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME EXPORT RETURNS															
29A BGP TO BPA C/N X R<1:1>	50	50	50	50	50	25	25	25	25	25	25	25	50	50	37
29B SCE TO BPA C/N X R<1:1>	250	250	250	250	250	0	0	0	0	0	0	0	0	250	104
29C SCE TO BPA OPT CAP R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIGHTTIME CONTRACT RETURNS															
30A SUPP ENT CAP R<1:1.25>	107	107	107	107	107	107	107	107	107	107	105	105	105	105	107
30B PP&L TO BPA, PK R R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30C PGE TO BPA, PK REP R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30D MT TO BPA, PK R R<1:1.05>	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
30E WNP3 SETTLE TO BPA R<1:2>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 TOTAL MINIMUM RESOURCES	3943	4039	4039	4035	3958	3564	2910	2865	2708	3360	3272	2151	2260	3422	3315
32 FIRM NON-RETURNABLE S/D	-2472	-2330	-2328	-2252	-2540	-4250	-5442	-5784	-5607	-4203	-3808	-4896	-4371	-3027	-3886
33 TOTAL NON-RETURNABLE S/D	-3119	-2978	-2976	-2898	-3188	-4899	-6083	-6429	-6256	-4852	-4457	-5546	-5019	-3676	-4533
34 FIRM FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 FIRM 1-HOUR ROOM @ 50-H SAL	2472	2330	2328	2252	2540	4250	5442	5784	5607	4203	3808	4896	4371	3027	3886
37 TOT 1-HOUR ROOM @ 50-H SAL	3119	2978	2976	2898	3188	4899	6083	6429	6256	4852	4457	5546	5019	3676	4533

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE AS FOLLOWS:

A. BGP TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
B. SCE TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
C. SCE TO BPA OPT CAP, PEAKING REPLACEMENT ENDS OY 1994-95
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE M-5

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME MINIMUM LOADS															
1 FEDERAL AGENCIES	122	131	131	129	126	135	147	146	139	137	132	132	120	119	132
2 USBR	130	125	125	86	34	3	2	2	2	3	32	32	86	113	51
3 FED AGENCIES LOSSES	128	132	132	125	133	176	204	215	192	161	153	153	140	139	158
4 DSI FIRM (ALUM & NON-ALUM)	1895	1901	1901	1899	1900	1900	1873	1879	1900	1900	1901	1901	1901	1901	1896
5 DSI FIRM LOSSES	46	46	46	44	48	51	54	56	53	51	49	49	48	48	49
6 EXPORTS	515	515	515	515	515	515	515	515	515	515	509	509	509	509	513
7 CONTRACTS OUT	1	1	1	1	1	393	393	393	393	196	196	196	1	1	164
8 SUPP & ENTIT TO WEST GROUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CSPE TO WEST GROUP UTIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SMALL NON GEN UTIL PURCH	2648	2544	2543	2425	2495	3037	3427	3633	3385	3060	2920	2913	2704	2713	2916
11 GEN PUBLIC AGEN PURCH	1955	1978	1978	2066	2303	2578	2808	2965	2830	2757	2279	2258	2234	1938	2390
12 GEN PRIVATE UTIL PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 FED FIRM SUR SOLD ON PEAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FIRM NIGHTTIME MIN LOADS	7439	7372	7371	7290	7555	8787	9424	9804	9409	8781	8170	8143	7741	7480	8270
15 INDUSTRIAL TOP QUARTILE	631	633	633	633	633	633	624	626	633	633	633	633	633	633	631
16 INDUSTRIAL TOP QUART LOSSES	15	15	15	15	16	17	18	19	18	17	17	17	16	16	16
17 TOTAL NIGHTTIME MIN LOADS	8085	8020	8019	7938	8204	9437	10066	10449	10060	9431	8819	8793	8390	8129	8918
NIGHTTIME MINIMUM RESOURCES															
18 MINIMUM SYSTEM HYDRO	2311	2407	2407	2403	2326	2207	1553	1508	1351	2003	1918	1918	2002	2220	2017
19 MINIMUM CONTRACT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 CAN. ENT. NON-FEDERAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 RESTORATION	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
22 TOTAL MINIMUM HYDRO	2288	2384	2384	2380	2303	2184	1530	1485	1328	1980	1895	1895	1979	2197	1994
23 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 LARGE THERMAL	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	0	0	695	945
28 FED PLANNED ACQUISITIONS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE M-5 (CONTINUED)

FEDERAL MINIMUM LOADS FOR FORCED SALE REDUCTION
REFLECTING NIGHTTIME RETURN PROBLEMS AND MINIMUM FEDERAL HYDRO
ASSUMING THAT ANY FEDERAL FIRM SURPLUS UNDER 1930 WATER LEVEL IS SOLD ON PEAK AT A 50% LOAD FACTOR

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	
NIGHTTIME EXPORT RETURNS															
29A BGP TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29B SCE TO BPA C/N X R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29C SCE TO BPA OPT CAP R<1:1>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIGHTTIME CONTRACT RETURNS															
30A SUPP ENT CAP R<1:1.25>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30B PP&L TO BPA, PK R R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30C PGE TO BPA, PK REP R<1:.6>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30D MT TO BPA, PK R R<1:1.05>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30E WNP3 SETTLE TO BPA R<1:2>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 TOTAL MINIMUM RESOURCES	3409	3505	3505	3501	3424	3305	2651	2606	2449	3101	3016	1895	1979	2891	2940
32 FIRM NON-RETURNABLE S/D	-4030	-3867	-3866	-3789	-4131	-5482	-6773	-7198	-6960	-5680	-5154	-6249	-5762	-4589	-5330
33 TOTAL NON-RETURNABLE S/D	-4677	-4515	-4514	-4437	-4780	-6132	-7415	-7843	-7611	-6330	-5804	-6898	-6411	-5238	-5978
34 FIRM FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL FORCED SALE AT 50 HR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 FIRM 1-HOUR ROOM @ 50-H SAL	4030	3867	3866	3789	4131	5482	6773	7198	6960	5680	5154	6249	5762	4589	5330
37 TOT 1-HOUR ROOM @ 50-H SAL	4677	4515	4514	4437	4780	6132	7415	7843	7611	6330	5804	6898	6411	5238	5978

TA-331/330

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE AS FOLLOWS:

A. BGP TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
B. SCE TO BPA, PEAKING REPLACEMENT BEGINS OY 1999-00
C. SCE TO BPA OPT CAP, PEAKING REPLACEMENT ENDS OY 1994-95
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
F. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

SECTION X - Supporting Tables
(OY 1990-91, 1995-96, 2000-01 and 2009-10)

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TABLE A-1

MEDIUM LOADS
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FIRM LOADS														
1A FEDERAL AGENCIES	173	178	178	172	183	191	196	214	208	191	187	187	170	177
1B FEDERAL + GEN PUB LOSSES	235	233	233	242	295	367	410	430	388	351	317	317	295	259
1C USBR	179	179	179	146	64	7	3	3	3	8	74	74	147	169
1D DSI ALUMINUM FIRM	2083	2081	2081	2079	2077	2075	2060	2045	2030	2028	2026	2026	2024	2000
1E DSI NON-ALUMINUM FIRM	273	281	281	280	280	280	248	258	280	280	282	282	282	282
1F DSI FIRM LOSSES	66	66	66	66	75	82	88	88	83	81	76	76	74	69
1 BPA NON UTILITY LOADS	3009	3018	3018	2985	2974	3003	3005	3037	2992	2939	2962	2962	2992	2955
2 CHELAN	169	174	174	203	245	279	308	310	294	245	223	223	192	170
3 COLOCKUM	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ	519	520	520	546	593	627	636	639	619	613	594	594	565	531
5 DOUGLAS	111	109	109	108	120	134	141	152	143	131	121	121	107	106
6 EUGENE	290	296	296	340	420	471	494	493	462	454	413	413	377	321
7 GRANT	380	430	430	355	342	323	317	372	333	314	342	342	422	418
8 IDAHO	2147	1976	1976	1822	1757	1918	2041	2077	2040	1637	1736	1736	1817	2146
9 MONTANA	417	407	407	383	412	441	469	503	455	407	373	373	360	388
10 PP&L	2565	2521	2521	2579	2773	2991	3254	3347	3184	2901	2794	2794	2681	2489
11 PEND OREILLE	93	93	93	98	103	106	110	112	110	104	100	100	99	93
12 PGE	2220	2332	2332	2197	2500	2768	2929	3118	2971	2747	2668	2668	2481	2217
13 PSP&L	2195	2194	2194	2585	2991	3460	3803	3928	3843	3326	3108	3108	2733	2366
14 SEATTLE	1205	1190	1190	1210	1434	1620	1665	1739	1684	1615	1496	1496	1348	1222
15 SMALL & NON GEN PUBLICS	4195	4182	4182	4294	4716	5210	5681	5934	5465	5062	4811	4811	4657	4314
16 SNOHOMISH	624	619	619	808	983	1183	1249	1260	1302	1091	1032	1032	900	781
17 TACOMA	677	679	679	751	893	996	1039	1057	1018	972	898	898	822	732
18 UTAH	416	291	291	177	138	140	138	168	160	142	132	132	235	362
19 WWP	1002	1047	1047	1065	1234	1300	1450	1493	1447	1291	1165	1165	1039	1142
20 REGIONAL FIRM LOADS	22416	22260	22260	22686	24812	27154	28910	29921	28705	26174	25151	25151	24009	22936
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	3009	3018	3018	2985	2974	3003	3005	3037	2992	2939	2962	2962	2992	2955
22 PUBLIC AGENCIES W/COLOCKUM	8444	8475	8475	8896	10032	11133	11822	12251	11613	10785	10213	10213	9671	8870
23 PRIVATE UTILITIES	10962	10767	10767	10806	11806	13018	14083	14633	14100	12450	11976	11976	11346	11111
24 REGIONAL FIRM LOADS	22416	22260	22260	22686	24812	27154	28910	29921	28705	26174	25151	25151	24009	22936

TABLE A-1 (CONTINUED)

MEDIUM LOADS
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
OTHER LOADS														
25 DSI ALUMINUM TOP QUARTILE	694	694	694	693	692	692	687	682	677	676	675	675	675	667
26 DSI NON-ALUM TOP QUARTILE	89	92	92	92	92	92	81	85	93	93	93	93	93	93
27 OTHER INTERRUPTIBLE (UTAH)	163	163	163	163	153	153	153	163	162	163	163	163	163	163
28 DSI TOP QUARTILE LOSSES	22	22	22	22	25	27	29	29	28	27	25	25	25	23
29 OTHER REGIONAL LOADS	968	971	971	970	962	964	950	959	960	959	956	956	956	946
OTHER REGIONAL LOADS														
30 FEDERAL SYSTEM	805	808	808	807	809	811	797	796	798	796	793	793	793	783
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	163	163	163	163	153	153	153	163	162	163	163	163	163	163
33 OTHER REGIONAL LOADS	968	971	971	970	962	964	950	959	960	959	956	956	956	946
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3814	3826	3826	3792	3783	3814	3802	3833	3790	3735	3755	3755	3785	3738
35 PUBLIC AGENCIES	8444	8475	8475	8896	10032	11133	11822	12251	11613	10785	10213	10213	9671	8870
36 PRIVATE UTILITIES	11125	10930	10930	10969	11959	13171	14236	14796	14262	12613	12139	12139	11509	11274
37 REGIONAL TOTAL LOADS	23384	23231	23231	23656	25774	28118	29860	30880	29665	27133	26107	26107	24965	23882

TABLE A-1

MEDIUM LOADS
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FIRM LOADS														
1A FEDERAL AGENCIES	182	187	187	181	191	200	206	223	217	199	196	196	178	184
1B FEDERAL + GEN PUB LOSSES	198	198	198	204	256	328	370	390	350	314	281	281	258	220
1C USBR	180	180	180	147	65	7	3	3	3	8	74	74	149	170
1D DSI ALUMINUM FIRM	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1779	1766
1E DSI NON-ALUMINUM FIRM	193	202	202	200	200	200	168	179	201	201	202	202	202	202
1F DSI FIRM LOSSES	55	56	56	55	63	69	74	74	71	69	65	65	63	59
1 BPA NON UTILITY LOADS	2587	2602	2602	2566	2554	2584	2600	2649	2621	2571	2598	2598	2629	2601
2 CHELAN	187	192	192	228	272	314	355	352	339	271	248	248	215	190
3 COLOCKUM	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ	523	524	524	559	600	640	663	656	648	614	602	602	576	546
5 DOUGLAS	113	112	112	112	123	140	150	160	154	134	125	125	111	110
6 EUGENE	292	298	298	348	424	480	515	507	467	455	419	419	385	330
7 GRANT	418	470	470	401	384	372	372	441	404	370	398	398	484	479
8 IDAHO	2271	2093	2093	1939	1888	2061	2183	2239	2138	1956	1847	1847	1902	2236
9 MONTANA	436	423	423	398	430	457	488	525	475	423	385	385	372	403
10 PP&L	2702	2652	2652	2712	2911	3136	3428	3503	3316	3037	2925	2925	2806	2597
11 PEND OREILLE	105	105	105	112	117	122	128	129	129	117	114	114	113	107
12 PGE	2437	2561	2561	2392	2713	2969	3144	3346	3180	2943	2866	2866	2680	2429
13 PSP&L	2445	2443	2443	2877	3329	3851	4233	4332	4238	3668	3428	3428	3014	2609
14 SEATTLE	1208	1194	1194	1230	1439	1640	1723	1778	1754	1608	1509	1509	1370	1249
15 SMALL & NON GEN PUBLICS	4372	4367	4367	4477	4921	5433	5906	6203	5739	5348	5087	5087	4926	4564
16 SNOHOMISH	715	711	711	939	1130	1371	1475	1416	1489	1194	1141	1141	1005	878
17 TACOMA	692	693	693	778	913	1026	1096	1097	1077	983	919	919	848	760
18 UTAH	385	276	276	169	127	132	128	152	145	131	126	126	237	407
19 WWP	1036	1053	1053	1077	1227	1369	1445	1567	1553	1310	1202	1202	998	1128
20 REGIONAL FIRM LOADS	23107	22952	22952	23498	25685	28278	30214	31231	30049	27316	26121	26121	24854	23805
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2587	2602	2602	2566	2554	2584	2600	2649	2621	2571	2598	2598	2629	2601
22 PUBLIC AGENCIES W/COLOCKUM	8809	8849	8849	9368	10505	11720	12564	12920	12383	11277	10746	10746	10216	9396
23 PRIVATE UTILITIES	11712	11501	11501	11564	12625	13974	15049	15663	15045	13468	12778	12778	12009	11808
24 REGIONAL FIRM LOADS	23107	22952	22952	23498	25685	28278	30214	31231	30049	27316	26121	26121	24854	23805

TABLE A-1 (CONTINUED)

MEDIUM LOADS
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
OTHER LOADS														
25 DSI ALUMINUM TOP QUARTILE	593	593	593	593	593	593	593	593	593	593	593	593	593	589
26 DSI NON-ALUM TOP QUARTILE	64	67	67	67	67	67	56	59	67	67	67	67	67	67
27 OTHER INTERRUPTIBLE (UTAH)	163	163	163	163	153	153	153	163	162	163	163	163	163	163
28 DSI TOP QUARTILE LOSSES	18	19	19	19	21	23	25	25	24	23	22	22	21	20
29 OTHER REGIONAL LOADS	838	842	842	842	834	836	827	840	846	846	845	845	844	839
OTHER REGIONAL LOADS														
30 FEDERAL SYSTEM	675	679	679	679	681	683	674	677	684	683	682	682	681	676
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	163	163	163	163	153	153	153	163	162	163	163	163	163	163
33 OTHER REGIONAL LOADS	838	842	842	842	834	836	827	840	846	846	845	845	844	839
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3262	3280	3280	3244	3235	3267	3274	3325	3305	3254	3279	3279	3311	3276
35 PUBLIC AGENCIES	8809	8849	8849	9368	10505	11720	12564	12920	12383	11277	10746	10746	10216	9396
36 PRIVATE UTILITIES	11875	11664	11664	11727	12778	14127	15202	15826	15207	13631	12941	12941	12172	11971
37 REGIONAL TOTAL LOADS	23946	23793	23793	24339	26519	29114	31040	32071	30894	28162	26966	26966	25698	24643

TABLE A-1

MEDIUM LOADS
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FIRM LOADS														
1A FEDERAL AGENCIES	188	193	193	186	198	207	213	231	225	206	202	202	183	189
1B FEDERAL + GEN PUB LOSSES	187	189	189	196	250	325	374	389	351	306	276	276	254	215
1C USBR	181	180	180	148	65	7	3	3	4	8	74	74	149	171
1D DSI ALUMINUM FIRM	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
1E DSI NON-ALUMINUM FIRM	199	206	206	205	205	205	174	182	205	205	206	206	206	206
1F DSI FIRM LOSSES	54	55	55	55	62	68	73	73	70	68	64	64	62	58
1 BPA NON UTILITY LOADS	2549	2563	2563	2530	2520	2552	2577	2618	2595	2533	2562	2562	2594	2580
2 CHELAN	200	206	206	245	293	337	381	377	364	290	266	266	230	204
3 COLOCKUM	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ	552	553	553	591	635	677	700	691	683	648	635	635	608	576
5 DOUGLAS	122	120	120	120	132	152	163	174	167	145	134	134	119	118
6 EUGENE	309	315	315	367	449	507	544	535	511	480	442	442	407	349
7 GRANT	449	504	504	437	422	415	418	478	436	397	421	421	505	498
8 IDAHO	2329	2154	2154	2011	1988	2173	2307	2373	2303	2073	1957	1957	1989	2325
9 MONTANA	464	448	448	422	455	482	519	552	505	448	403	403	390	427
10 PP&L	2829	2780	2780	2841	3052	3287	3592	3717	3519	3224	3104	3104	2977	2756
11 PEND OREILLE	110	109	109	118	123	129	137	137	137	124	120	120	118	111
12 PGE	2661	2797	2797	2597	2939	3188	3368	3579	3405	3158	3069	3069	2881	2631
13 PSP&L	2644	2642	2642	3112	3601	4166	4579	4703	4603	3983	3722	3722	3274	2834
14 SEATTLE	1294	1279	1279	1318	1542	1757	1847	1899	1874	1718	1611	1611	1463	1334
15 SMALL & NON GEN PUBLICS	4692	4680	4680	4809	5290	5843	6346	6615	6126	5710	5431	5431	5265	4883
16 SNOHOMISH	782	778	778	1028	1234	1500	1609	1542	1623	1300	1244	1244	1094	955
17 TACOMA	732	734	734	823	967	1087	1161	1161	1139	1040	972	972	897	804
18 UTAH	409	314	314	184	125	133	129	150	144	129	126	126	231	383
19 WWP	1073	1091	1091	1117	1273	1421	1501	1627	1618	1362	1251	1251	1039	1173
20 REGIONAL FIRM LOADS	24382	24249	24249	24852	27222	29988	32059	33111	31934	28945	27653	27653	26261	25120
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2549	2563	2563	2530	2520	2552	2577	2618	2595	2533	2562	2562	2594	2580
22 PUBLIC AGENCIES W/COLOCKUM	9424	9460	9460	10038	11270	12588	13487	13791	13244	12035	11459	11459	10888	10013
23 PRIVATE UTILITIES	12409	12226	12226	12284	13432	14848	15995	16701	16096	14376	13632	13632	12779	12528
24 REGIONAL FIRM LOADS	24382	24249	24249	24852	27222	29988	32059	33111	31934	28945	27653	27653	26261	25120

TABLE A-1 (CONTINUED)

MEDIUM LOADS
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
OTHER LOADS														
25 DSI ALUMINUM TOP QUARTILE	580	580	580	580	580	580	580	580	580	580	580	580	580	580
26 DSI NON-ALUM TOP QUARTILE	66	69	69	68	68	68	58	61	68	68	69	69	69	69
27 OTHER INTERRUPTIBLE (UTAH)	163	163	163	163	153	153	153	163	162	163	163	163	163	163
28 DSI TOP QUARTILE LOSSES	18	18	18	18	21	23	24	24	23	23	21	21	21	20
29 OTHER REGIONAL LOADS	827	830	830	829	822	824	815	828	833	834	833	833	833	832
OTHER REGIONAL LOADS														
30 FEDERAL SYSTEM	664	667	667	666	669	671	662	665	671	671	670	670	670	669
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	163	163	163	163	153	153	153	163	162	163	163	163	163	163
33 OTHER REGIONAL LOADS	827	830	830	829	822	824	815	828	833	834	833	833	833	832
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3213	3230	3230	3196	3189	3223	3239	3284	3266	3204	3232	3232	3264	3248
35 PUBLIC AGENCIES	9424	9460	9460	10038	11270	12588	13487	13791	13244	12035	11459	11459	10888	10013
36 PRIVATE UTILITIES	12572	12389	12389	12447	13585	15001	16148	16864	16258	14539	13795	13795	12942	12691
37 REGIONAL TOTAL LOADS	25210	25079	25079	25681	28044	30811	32874	33939	32767	29778	28486	28486	27094	25952

TABLE A-1

MEDIUM LOADS
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FIRM LOADS														
1A FEDERAL AGENCIES	195	201	201	193	206	216	223	241	235	215	210	210	190	197
1B FEDERAL + GEN PUB LOSSES	213	218	218	227	280	373	428	442	399	339	312	312	289	246
1C USBR	182	182	182	149	66	7	3	4	4	8	75	75	151	173
1D DSI ALUMINUM FIRM	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740	1740
1E DSI NON-ALUMINUM FIRM	201	207	207	206	206	206	177	184	206	206	207	207	207	207
1F DSI FIRM LOSSES	54	55	55	55	62	68	73	73	70	68	64	64	62	58
1 BPA NON UTILITY LOADS	2586	2603	2603	2569	2561	2610	2644	2684	2654	2576	2609	2609	2639	2622
2 CHELAN	217	223	223	267	318	368	415	413	399	318	290	290	253	222
3 COLOCKUM	183	183	183	183	183	183	183	183	183	183	183	183	183	183
4 COWLITZ	615	618	618	661	712	757	783	777	767	728	714	714	685	648
5 DOUGLAS	141	138	138	139	154	178	192	207	198	171	157	157	138	137
6 EUGENE	345	352	352	410	501	566	608	601	574	539	496	496	457	391
7 GRANT	484	547	547	486	480	483	490	562	512	463	475	475	556	544
8 IDAHO	2564	2378	2378	2231	2250	1749	1757	2730	2513	2377	2243	2243	2224	2584
9 MONTANA	544	525	525	492	533	558	608	637	587	520	464	464	445	493
10 PP&L	3154	3093	3093	3166	3402	3664	4006	4207	4189	3651	3517	3517	3370	3116
11 PEND OREILLE	120	120	120	131	139	147	158	159	159	140	135	135	133	123
12 PGE	3053	3213	3213	2972	3358	3622	3820	4114	3912	3629	3528	3528	3320	3049
13 PSP&L	3188	3186	3186	3754	4341	5023	5522	5786	5661	4899	4578	4578	4026	3485
14 SEATTLE	1450	1433	1433	1476	1728	1970	2070	2157	2128	1950	1828	1828	1660	1513
15 SMALL & NON GEN PUBLICS	5317	5306	5306	5438	5987	6609	7190	7415	6888	6437	6138	6138	5956	5514
16 SNOHOMISH	906	902	902	1191	1431	1740	1857	1804	1897	1519	1452	1452	1278	1116
17 TACOMA	820	823	823	923	1084	1219	1302	1310	1285	1173	1096	1096	1011	906
18 UTAH	426	340	340	196	130	141	136	163	155	140	136	136	251	459
19 WWP	1219	1240	1240	1269	1449	1613	1707	1875	1870	1572	1444	1444	1200	1353
20 REGIONAL FIRM LOADS	27332	27220	27220	27953	30738	33200	35447	37782	36529	32984	31482	31482	29782	28458
REGIONAL FIRM LOADS														
21 FEDERAL SYSTEM	2586	2603	2603	2569	2561	2610	2644	2684	2654	2576	2609	2609	2639	2622
22 PUBLIC AGENCIES W/COLOCKUM	10598	10644	10644	11305	12715	14220	15247	15587	14989	13620	12964	12964	12308	11298
23 PRIVATE UTILITIES	14148	13973	13973	14079	15462	16370	17556	19511	18887	16788	15909	15909	14835	14539
24 REGIONAL FIRM LOADS	27332	27220	27220	27953	30738	33200	35447	37782	36529	32984	31482	31482	29782	28458

TABLE A-1 (CONTINUED)

MEDIUM LOADS
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
OTHER LOADS														
25 DSI ALUMINUM TOP QUARTILE	580	580	580	580	580	580	580	580	580	580	580	580	580	580
26 DSI NON-ALUM TOP QUARTILE	67	69	69	69	69	69	59	61	69	69	69	69	69	69
27 OTHER INTERRUPTIBLE (UTAH)	163	163	163	163	153	153	153	163	162	163	163	163	163	163
28 DSI TOP QUARTILE LOSSES	18	18	18	18	21	23	24	24	23	23	21	21	21	20
29 OTHER REGIONAL LOADS	828	830	830	830	823	825	816	828	834	835	833	833	833	832
OTHER REGIONAL LOADS														
30 FEDERAL SYSTEM	665	667	667	667	670	672	663	665	672	672	670	670	670	669
31 PUBLIC AGENCIES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIVATE UTILITIES	163	163	163	163	153	153	153	163	162	163	163	163	163	163
33 OTHER REGIONAL LOADS	828	830	830	830	823	825	816	828	834	835	833	833	833	832
REGIONAL TOTAL LOADS														
34 FEDERAL SYSTEM	3251	3270	3270	3236	3230	3282	3307	3350	3326	3248	3279	3279	3309	3290
35 PUBLIC AGENCIES	10598	10644	10644	11305	12715	14220	15247	15587	14989	13620	12964	12964	12308	11298
36 PRIVATE UTILITIES	14311	14136	14136	14242	15615	16523	17709	19674	19049	16951	16072	16072	14998	14702
37 REGIONAL TOTAL LOADS	28160	28050	28050	28783	31561	34025	36263	38611	37364	33818	32316	32316	30615	29290

TABLE A-2

EXPORTS
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
INTRA-COMPANY TRANSFERS TO PSW														
1 PP&L TO PP&L N. CALIF.	28	12	12	-50	-39	-27	-7	-5	-27	-32	-34	-34	-25	-17
2 INTRA-CO TRANSFERS TO PSW	28	12	12	-50	-39	-27	-7	-5	-27	-32	-34	-34	-25	-17
EXPORTS TO PSW														
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	72	72	72	72	72	36	36	36	36	36	36	36	72	72
5 BPA TO PGX, SUMMER PWR SALE	40	40	40	40	0	0	0	0	0	0	0	0	0	40
6 BPA TO SCE, PWR S TO C/N X	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7 BPA TO SCE, OPTION CAPACITY	250	250	250	250	250	0	0	0	0	0	0	0	0	250
8 BPA NW-SW INTERTIE LOSSES	22	22	22	22	22	11	11	11	11	11	11	11	13	22
9 CIDFL TO UTAH, GEM ST HYDRO	22	20	20	0	0	0	0	0	0	0	0	0	0	21
10 PP&L TO PG&E, PWR SALE	80	80	80	80	80	100	100	100	100	100	80	80	80	80
11 PP&L TO SMUD, PWR SALE	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12 PP&L TO SCE, PWR SALE	200	200	200	200	200	200	200	200	200	200	200	200	200	200
13 PP&L TO UTAH, PWR SALE	90	90	90	90	0	0	0	0	0	0	0	0	0	90
14 PGE TO PG&E, SEAS PK SALE	400	400	400	400	400	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	30	30	30	0	0	0	0	30	30	30	30	30	30	30
16 PGE TO PGX, PWR SALE 2	0	0	0	47	47	47	47	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
18 PGE TO SCE, PWR SALE 2	100	100	100	100	100	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	225
20 PGE TO WAPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TCL TO WAPA, PWR SALE	41	74	74	74	74	41	41	41	41	41	41	41	41	41
24 WWP TO PG&E, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	150	150
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
26 BASIN TO WAPA (TRANSFER) *	185	185	185	185	185	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
28 LONGVIEW FIBRE TO WAPA *	45	45	45	45	45	45	45	45	45	45	45	45	45	45
29 EXPORTS TO PSW	2077	2108	2108	2105	1975	980	980	963	963	888	868	943	1131	1766
EXPORTS TO CANADA														
30 BPA CAN. ENT. TO BC HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXPORTS TO CANADA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL EXPORTS	2105	2120	2120	2055	1936	953	973	958	936	856	834	909	1106	1749

TABLE A-2

EXPORTS
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL EXPORTS															
33 FEDERAL SYSTEM		634	634	634	634	594	297	297	297	297	297	297	297	335	634
34 PUBLIC AGENCIES		63	94	94	74	74	41	41	41	41	41	41	41	41	62
35 PRIVATE UTILITIES		1103	1087	1087	1042	963	495	515	500	478	473	451	451	610	933
36 NON-NORTHWEST UTILITIES	*	305	305	305	305	305	120	120	120	120	45	45	120	120	120
37 TOTAL EXPORTS		2105	2120	2120	2055	1936	953	973	958	936	856	834	909	1106	1749

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-2

EXPORTS
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
INTRA-COMPANY TRANSFERS TO PSW														
1 PP&L TO PP&L N. CALIF.	32	15	15	-48	-37	-25	-4	-1	-25	-29	-31	-31	-22	-14
2 INTRA-CO TRANSFERS TO PSW	32	15	15	-48	-37	-25	-4	-1	-25	-29	-31	-31	-22	-14
EXPORTS TO PSW														
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	72	72	72	72	72	36	36	36	36	36	36	36	72	72
5 BPA TO PGX, SUMMER PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO SCE, PWR S TO C/N X	250	250	250	250	250	250	250	250	250	250	250	250	250	250
7 BPA TO SCE, OPTION CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA NW-SW INTERTIE LOSSES	13	13	13	13	13	11	11	11	11	11	11	11	13	13
9 CIDFL TO UTAH, GEM ST HYDRO	22	20	20	0	0	0	0	0	0	0	0	0	0	21
10 PP&L TO PG&E, PWR SALE	80	80	80	80	80	100	100	0	0	0	0	0	0	0
11 PP&L TO SMUD, PWR SALE	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12 PP&L TO SCE, PWR SALE	200	200	200	200	200	200	200	200	200	200	200	200	200	200
13 PP&L TO UTAH, PWR SALE	90	90	90	90	0	0	0	0	0	0	0	0	0	90
14 PGE TO PG&E, SEAS PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	30	30	30	0	0	0	0	30	30	30	30	30	30	30
16 PGE TO PGX, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
18 PGE TO SCE, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	225	225	225	225	0	0	0	0	0	0	0	0	0	225
20 PGE TO WAPA, PWR SALE	65	65	65	65	65	65	65	65	65	65	65	65	65	65
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	200	200	200	174	0	0	0	0	0	0	0	0	0	180
23 TCL TO WAPA, PWR SALE	41	74	74	74	74	41	41	41	41	41	41	41	41	41
24 WWP TO PG&E, SEAS PWR XCHG	150	150	150	150	0	0	0	0	0	0	0	0	150	150
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
26 BASIN TO WAPA (TRANSFER) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
28 LONGVIEW FIBRE TO WAPA *	45	45	45	45	45	45	45	45	45	45	45	45	45	45
29 EXPORTS TO PSW	1733	1763	1763	1687	1049	998	998	928	928	853	853	928	1116	1631
EXPORTS TO CANADA														
30 BPA CAN. ENT. TO BC HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 EXPORTS TO CANADA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 TOTAL EXPORTS	1765	1778	1778	1639	1012	973	994	927	903	824	822	897	1094	1617

TABLE A-2

EXPORTS
1995-96 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL EXPORTS															
33 FEDERAL SYSTEM		335	335	335	335	335	297	297	297	297	297	297	297	335	335
34 PUBLIC AGENCIES		263	294	294	248	74	41	41	41	41	41	41	41	41	242
35 PRIVATE UTILITIES		1047	1030	1030	937	483	515	536	469	445	441	439	439	598	921
36 NON-NORTHWEST UTILITIES	*	120	120	120	120	120	120	120	120	120	45	45	120	120	120
37 TOTAL EXPORTS		1765	1778	1778	1639	1012	973	994	927	903	824	822	897	1094	1617

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-2

EXPORTS
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
INTRA-COMPANY TRANSFERS TO PSW														
1 PP&L TO PP&L N. CALIF.	38	21	21	-43	-31	-19	2	8	-18	-22	-24	-24	-15	-6
2 INTRA-CO TRANSFERS TO PSW	38	21	21	-43	-31	-19	2	8	-18	-22	-24	-24	-15	-6
EXPORTS TO PSW														
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	50	50	50	50	50	25	25	25	25	25	25	25	50	50
5 BPA TO PGX, SUMMER PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO SCE, PWR S TO C/N X	250	250	250	250	250	0	0	0	0	0	0	0	0	250
7 BPA TO SCE, OPTION CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA NW-SW INTERTIE LOSSES	12	12	12	12	12	1	1	1	1	1	1	1	2	12
9 CIDFL TO UTAH, GEM ST HYDRO	22	20	20	0	0	0	0	0	0	0	0	0	0	21
10 PP&L TO PG&E, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L TO SMUD, PWR SALE	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12 PP&L TO SCE, PWR SALE	200	200	200	200	200	200	200	200	200	200	200	200	200	200
13 PP&L TO UTAH, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 PGE TO PG&E, SEAS PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	30	30	30	0	0	0	0	30	30	30	30	30	30	30
16 PGE TO PGX, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
18 PGE TO SCE, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	225	225	225	225	0	0	0	0	0	0	0	0	0	225
20 PGE TO WAPA, PWR SALE	65	65	65	65	65	65	65	65	65	65	65	65	65	65
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	200	200	200	174	0	0	0	0	0	0	0	0	0	180
23 TCL TO WAPA, PWR SALE	41	74	74	74	74	41	41	41	41	41	41	41	41	41
24 WWP TO PG&E, SEAS PWR XCHG	150	150	150	150	0	0	0	0	0	0	0	0	150	150
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
26 BASIN TO WAPA (TRANSFER) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
28 LONGVIEW FIBRE TO WAPA *	45	45	45	45	45	45	45	45	45	45	45	45	45	45
29 EXPORTS TO PSW	1540	1570	1570	1494	946	627	627	657	657	582	582	657	833	1518
EXPORTS TO CANADA														
30 BPA CAN. ENT. TO BC HYDRO	768	768	768	768	768	768	768	768	768	768	768	768	768	768
31 EXPORTS TO CANADA	768	768	768	768	768	768	768	768	768	768	768	768	768	768
32 TOTAL EXPORTS	2346	2359	2359	2219	1683	1376	1397	1433	1407	1328	1326	1401	1586	2280

TABLE A-2

EXPORTS
2000- 1 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL EXPORTS															
33 FEDERAL SYSTEM		1080	1080	1080	1080	1080	794	794	794	794	794	794	794	820	1080
34 PUBLIC AGENCIES		263	294	294	248	74	41	41	41	41	41	41	41	41	242
35 PRIVATE UTILITIES		883	866	866	772	409	421	442	478	452	448	446	446	605	839
36 NON-NORTHWEST UTILITIES	*	120	120	120	120	120	120	120	120	120	45	45	120	120	120
37 TOTAL EXPORTS		2346	2359	2359	2219	1683	1376	1397	1433	1407	1328	1326	1401	1586	2280

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-2

EXPORTS
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
INTRA-COMPANY TRANSFERS TO PSW														
1 PP&L TO PP&L N. CALIF.	53	35	35	-32	-19	-5	18	25	2	-8	-10	-10	0	9
2 INTRA-CO TRANSFERS TO PSW	53	35	35	-32	-19	-5	18	25	2	-8	-10	-10	0	9
EXPORTS TO PSW														
3 BPA TO NCPA, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 BPA TO PGX, SUMMER PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA TO SCE, OPTION CAPACITY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 BPA NW-SW INTERTIE LOSSES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 CIDFL TO UTAH, GEM ST HYDRO	22	20	20	0	0	0	0	0	0	0	0	0	0	21
10 PP&L TO PG&E, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L TO SMUD, PWR SALE	100	100	100	100	100	100	100	100	100	100	100	100	100	100
12 PP&L TO SCE, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PP&L TO UTAH, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 PGE TO PG&E, SEAS PK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 PGE TO PGX, PWR SALE 1	30	30	30	0	0	0	0	30	30	30	30	30	30	30
16 PGE TO PGX, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 PGE TO SCE, PWR SALE 1	75	75	75	75	75	75	75	75	75	75	75	75	75	75
18 PGE TO SCE, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PGE TO SCE, SEAS PWR XCHG	225	225	225	225	0	0	0	0	0	0	0	0	0	0
20 PGE TO WAPA, PWR SALE	65	65	65	65	65	65	65	65	65	65	65	65	65	65
21 PNGC TO SC MUNI, SHR BRDMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 SCL TO PG&E, SEAS PWR XCHG	200	200	200	174	0	0	0	0	0	0	0	0	0	180
23 TCL TO WAPA, PWR SALE	41	74	74	74	74	41	41	41	41	41	41	41	41	41
24 WWP TO PG&E, SEAS PWR XCHG	150	150	150	150	0	0	0	0	0	0	0	0	150	150
25 WWP TO SCE, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THE FOLLOWING RESOURCES ARE OWNED BY UTILITIES OUTSIDE THE PACIFIC NORTHWEST														
26 BASIN TO WAPA (TRANSFER) *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 BOARDMAN(14.2%) TO SDG&E *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
28 LONGVIEW FIBRE TO WAPA *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 EXPORTS TO PSW	983	1014	1014	938	389	356	356	386	386	311	311	386	536	737
EXPORTS TO CANADA														
30 BPA CAN. ENT. TO BC HYDRO	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
31 EXPORTS TO CANADA	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
32 TOTAL EXPORTS	2436	2449	2449	2306	1770	1751	1774	1811	1788	1703	1701	1776	1936	2146

TABLE A-2

EXPORTS
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL EXPORTS															
33 FEDERAL SYSTEM		1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
34 PUBLIC AGENCIES		263	294	294	248	74	41	41	41	41	41	41	41	41	242
35 PRIVATE UTILITIES		698	680	680	583	221	235	258	295	272	262	260	260	420	429
36 NON-NORTHWEST UTILITIES	*	75	75	75	75	75	75	75	75	75	0	0	75	75	75
37 TOTAL EXPORTS		2436	2449	2449	2306	1770	1751	1774	1811	1788	1703	1701	1776	1936	2146

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSIONS ARE ASSUMED AS FOLLOWS:

A. BPA TO BGP, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
B. BPA TO SCE, POWER SALE TO CAPACITY/ENERGY EXCHANGE CONVERTS IN OY 1999-00
C. BPA TO SCE, OPTION CAPACITY IS INCLUDED THROUGH OY 1994-95

TABLE A-3

MAIN HYDRO
1990-91 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	CUSHMAN 1	TCL	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2	CUSHMAN 2	TCL	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3	ALDER	TCL	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5	WHITE	PSP&L	64	64	64	64	64	64	64	60	49	49	45	48	54	62
6	ROSS	SCL	71	420	418	294	278	393	371	340	307	290	239	330	195	409
7	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
8	GORGE	SCL	177	177	177	177	177	177	177	177	177	177	177	177	177	177
9	UPPER BAKER	PSP&L	101	101	101	101	100	98	95	92	89	84	80	85	93	100
10	LOWER BAKER	PSP&L	71	71	71	71	71	71	67	63	58	52	51	54	61	69
11	LIBBY	FED	604	604	604	604	604	584	506	418	304	258	266	304	400	555
12	HUNGRY HORSE	FED	328	328	328	328	322	301	288	273	259	245	53	267	57	64
13	NOXON	WWP	554	554	554	551	549	549	549	536	500	429	373	373	474	554
14	CABINET GORGE	WWP	230	230	230	230	230	230	230	230	230	230	230	230	230	230
15	ALBENI FLS AFTER ENC.	FED	49	49	49	49	47	33	29	31	30	30	35	37	45	49
16	BOX CANYON AFTER ENC.	PENDO	79	82	82	81	79	80	81	82	82	82	82	76	78	80
17	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	845	1005	1003	845
18	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	16	15	15	15	16
19	UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	10	9	9	9	10
20	MONROE STREET	WWP	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	NINE MILE	WWP	18	18	18	18	18	18	18	18	18	17	16	16	16	18
22	LONG LAKE	WWP	73	73	73	72	72	72	72	71	65	59	66	73	73	73
23	LITTLE FALLS	WWP	34	34	34	34	34	34	34	34	34	34	34	33	34	34
24	GRAND COULEE-LDS+TRB	FED	6110	6135	6186	6266	6301	6690	6683	6675	6673	6574	6142	6061	5917	5926
25	CH. JOSEPH AFTER ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
26	WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
27	CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6
28	RKY REACH AFTER ENC.	CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
29	ROCK ISLAND	CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613
30	WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
31	PRST RPDS AFTER ENC.	GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896
32	DWORSHAK	FED	460	460	460	460	460	460	460	451	424	411	425	460	460	460
33	LOWER GRANITE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
34	LITTLE GOOSE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
35	LOWER MONUMENTAL	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
36	ICE HARBOR	FED	693	693	693	693	693	693	693	693	693	693	693	693	693	693
37	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
38	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
39	ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
40	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
41	PELTON REREGULATING	PP&L	9	9	9	9	10	9	15	11	13	10	9	9	9	9
42	THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
43	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
44	HILLS CREEK	FED	35	35	35	35	35	33	30	30	34	21	22	22	35	35
45	LOOKOUT POINT	FED	138	138	138	138	138	108	71	71	112	136	138	138	138	138
46	DEXTER	FED	7	7	8	13	15	17	17	9	11	7	7	7	7	7
47	CARMEN-SMITH	EUG	41	41	39	37	34	33	41	41	41	41	41	41	41	41
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
49 COUGAR	FED	11	10	17	29	29	29	21	11	15	10	10	10	10	11
50 LEABURG	EUG	12	12	12	12	12	12	12	12	12	12	12	12	12	12
51 WATERVILLE	EUG	7	7	7	7	7	7	7	7	7	7	7	7	7	7
52 GREEN PETER	FED	68	67	86	92	92	89	78	78	90	92	92	92	92	92
53 FOSTER	FED	5	4	5	11	16	17	22	11	23	11	9	10	13	9
54 DETROIT	FED	115	115	115	115	115	113	99	99	115	115	115	115	115	115
55 BIG CLIFF	FED	6	5	6	9	11	13	15	7	14	6	6	6	6	6
56 OAK GROVE	PGE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
57 NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
58 FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
59 RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
60 SWIFT 1	PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
61 SWIFT 2	COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59
62 YALE	PP&L	129	129	130	127	124	124	124	122	121	112	105	101	133	132
63 MERWIN	PP&L	148	148	147	145	144	144	144	144	144	144	147	148	147	147
64 PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	30	10	30	30
65 MOSSY ROCK	TCL	384	384	384	378	365	341	323	315	337	340	322	340	274	384
66 MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
67 KERR REGIONAL	MONT	31	29	29	27	31	33	35	38	32	27	26	34	39	30
68 THOMPSON FLS REGIONAL	MONT	8	7	7	7	8	8	9	11	9	7	7	9	10	8
69 HELLS CANYON	ID	347	294	294	272	297	290	408	450	291	424	322	322	360	243
70 OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
71 BROWNLEE	ID	675	675	675	675	675	675	675	675	675	675	675	675	675	675
72 TOTAL MAIN HYDRO W/ENC.		31254	31572	31617	31577	31566	31913	31809	31618	31337	30989	30408	30881	30371	30960
TOTAL MAIN HYDRO W/ENC.															
73 FEDERAL SYSTEM		20829	20849	20930	21042	21077	21381	21212	21056	20997	20811	20214	20403	20188	20361
74 PUBLIC AGENCIES		4120	4472	4460	4329	4288	4361	4321	4276	4274	4222	4223	4486	4196	4455
75 PRIVATE UTILITIES		6305	6250	6227	6206	6202	6171	6276	6285	6066	5956	5971	5991	5988	6144
76 TOTAL MAIN HYDRO W/ENC.		31254	31572	31617	31577	31566	31913	31809	31618	31337	30989	30408	30881	30371	30961
HYDRO INDEPENDENTS (FROM TABLE A-4)															
77 FEDERAL SYSTEM		287	285	285	267	249	253	263	261	270	277	288	287	276	277
78 PUBLIC AGENCIES		339	311	311	246	199	167	140	163	164	185	265	265	371	396
79 PRIVATE UTILITIES		951	932	903	874	860	854	913	885	901	902	918	942	939	930
80 TOTAL HYDRO INDEPENDENTS		1577	1529	1500	1386	1308	1274	1316	1310	1336	1364	1471	1495	1585	1603
TOTAL REGIONAL HYDRO															
81 FEDERAL SYSTEM		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
82 PUBLIC AGENCIES		4459	4784	4771	4575	4487	4529	4461	4440	4438	4407	4488	4751	4567	4851
83 PRIVATE UTILITIES		7256	7182	7130	7079	7061	7024	7189	7170	6967	6858	6890	6934	6926	7074
84 TOTAL REGIONAL HYDRO		32831	33101	33117	32963	32875	33187	33125	32928	32672	32354	31880	32375	31957	32563

TABLE A-3

MAIN HYDRO
1995-96 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	CUSHMAN 1	TCL	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2	CUSHMAN 2	TCL	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3	ALDER	TCL	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5	WHITE	PSP&L	64	64	64	64	64	64	64	60	49	49	45	48	54	62
6	ROSS	SCL	71	420	418	294	278	393	371	340	307	290	239	330	195	409
7	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
8	GORGE	SCL	177	177	177	177	177	177	177	177	177	177	177	177	177	177
9	UPPER BAKER	PSP&L	101	101	101	101	100	98	95	92	89	84	80	85	93	100
10	LOWER BAKER	PSP&L	71	71	71	71	71	71	67	63	58	52	51	54	61	69
11	LIBBY	FED	604	604	604	604	604	584	506	418	304	258	266	304	400	555
12	HUNGRY HORSE	FED	328	328	328	328	322	301	288	273	259	245	53	267	57	64
13	NOXON	WWP	554	554	554	551	549	549	549	536	500	429	373	373	474	554
14	CABINET GORGE	WWP	230	230	230	230	230	230	230	230	230	230	230	230	230	230
15	ALBENI FLS AFTER ENC.	FED	49	49	49	49	47	33	29	31	30	30	35	37	45	49
16	BOX CANYON AFTER ENC.	PENDO	79	82	82	81	79	80	81	82	82	82	82	76	78	80
17	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	845	1005	1003	845
18	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	16	15	15	15	16
19	UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	10	9	9	9	10
20	MONROE STREET	WWP	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	NINE MILE	WWP	18	18	18	18	18	18	18	18	18	17	16	16	16	18
22	LONG LAKE	WWP	73	73	73	72	72	72	72	71	65	59	66	73	73	73
23	LITTLE FALLS	WWP	34	34	34	34	34	34	34	34	34	34	34	33	34	34
24	GRAND COULEE-LDS+TRB	FED	6110	6135	6186	6266	6301	6690	6683	6675	6673	6574	6142	6061	5917	5926
25	CH. JOSEPH AFTER ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
26	WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
27	CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6
28	RKY REACH AFTER ENC.	CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
29	ROCK ISLAND	CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613
30	WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
31	PRST RPDS AFTER ENC.	GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896
32	DWORSHAK	FED	460	460	460	460	460	460	460	451	424	411	425	460	460	460
33	LOWER GRANITE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
34	LITTLE GOOSE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
35	LOWER MONUMENTAL	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
36	ICE HARBOR	FED	693	693	693	693	693	693	693	693	693	693	693	693	693	693
37	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
38	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
39	ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
40	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
41	PELTON REREGULATING	PP&L	9	9	9	9	10	9	15	11	13	10	9	9	9	9
42	THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
43	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
44	HILLS CREEK	FED	35	35	35	35	35	33	30	30	34	21	22	22	35	35
45	LOOKOUT POINT	FED	138	138	138	138	138	108	71	71	112	136	138	138	138	138
46	DEXTER	FED	7	7	8	13	15	17	17	9	11	7	7	7	7	7
47	CARMEN-SMITH	EUG	41	41	39	37	34	33	41	41	41	41	41	41	41	41
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
49 COUGAR	FED	11	10	17	29	29	29	21	11	15	10	10	10	10	11
50 LEABURG	EUG	12	12	12	12	12	12	12	12	12	12	12	12	12	12
51 WATERVILLE	EUG	7	7	7	7	7	7	7	7	7	7	7	7	7	7
52 GREEN PETER	FED	68	67	86	92	92	89	78	78	90	92	92	92	92	92
53 FOSTER	FED	5	4	5	11	16	17	22	11	23	11	9	10	13	9
54 DETROIT	FED	115	115	115	115	115	113	99	99	115	115	115	115	115	115
55 BIG CLIFF	FED	6	5	6	9	11	13	15	7	14	6	6	6	6	6
56 OAK GROVE	PGE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
57 NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
58 FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
59 RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
60 SWIFT 1	PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
61 SWIFT 2	COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59
62 YALE	PP&L	129	129	130	127	124	124	124	122	121	112	105	101	133	132
63 MERWIN	PP&L	148	148	147	145	144	144	144	144	144	144	147	148	147	147
64 PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	30	10	30	30
65 MOSSY ROCK	TCL	384	384	384	378	365	341	323	315	337	340	322	340	274	384
66 MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
67 KERR REGIONAL	MONT	33	31	31	30	34	35	38	41	35	28	28	29	42	40
68 THOMPSON FLS REGIONAL	MONT	8	8	8	7	8	9	10	11	10	8	8	8	11	10
69 HELLS CANYON	ID	347	294	294	272	297	290	408	450	291	424	322	322	360	243
70 OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
71 BROWNLEE	ID	675	675	675	675	675	675	675	675	675	675	675	675	675	675
72 TOTAL MAIN HYDRO W/ENC.		31257	31575	31619	31580	31569	31915	31812	31621	31340	30992	30410	30874	30375	30973
TOTAL MAIN HYDRO W/ENC.															
73 FEDERAL SYSTEM		20829	20849	20930	21042	21077	21381	21212	21056	20997	20811	20214	20403	20188	20361
74 PUBLIC AGENCIES		4182	4535	4522	4390	4342	4413	4373	4327	4325	4273	4274	4536	4252	4465
75 PRIVATE UTILITIES		6246	6190	6167	6147	6151	6121	6227	6238	6018	5908	5922	5935	5935	6147
76 TOTAL MAIN HYDRO W/ENC.		31257	31575	31619	31580	31569	31915	31812	31621	31340	30992	30410	30874	30375	30973
HYDRO INDEPENDENTS (FROM TABLE A-4)															
77 FEDERAL SYSTEM		287	285	285	267	249	253	263	261	270	277	288	287	276	277
78 PUBLIC AGENCIES		339	311	311	246	199	167	140	163	164	185	265	265	371	396
79 PRIVATE UTILITIES		955	936	906	877	864	857	918	890	906	905	921	933	943	947
80 TOTAL HYDRO INDEPENDENTS		1581	1533	1503	1390	1312	1277	1320	1315	1340	1368	1474	1486	1590	1620
TOTAL REGIONAL HYDRO															
81 FEDERAL SYSTEM		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
82 PUBLIC AGENCIES		4521	4846	4834	4636	4541	4580	4512	4490	4489	4458	4539	4801	4623	4861
83 PRIVATE UTILITIES		7201	7126	7074	7024	7014	6978	7145	7128	6924	6813	6843	6868	6878	7094
84 TOTAL REGIONAL HYDRO		32838	33107	33123	32969	32882	33193	33132	32936	32679	32359	31884	32360	31965	32593

TABLE A-3

MAIN HYDRO
2000- 1 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	CUSHMAN 1	TCL	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2	CUSHMAN 2	TCL	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3	ALDER	TCL	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5	WHITE	PSP&L	64	64	64	64	64	64	64	60	49	49	45	48	54	62
6	ROSS	SCL	71	420	418	294	278	393	371	340	307	290	239	330	195	409
7	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
8	GORGE	SCL	177	177	177	177	177	177	177	177	177	177	177	177	177	177
9	UPPER BAKER	PSP&L	101	101	101	101	100	98	95	92	89	84	80	85	93	100
10	LOWER BAKER	PSP&L	71	71	71	71	71	71	67	63	58	52	51	54	61	69
11	LIBBY	FED	604	604	604	604	604	584	506	418	304	258	266	304	400	555
12	HUNGRY HORSE	FED	328	328	328	328	322	301	288	273	259	245	53	267	57	64
13	NOXON	WWP	554	554	554	551	549	549	549	536	500	429	373	373	474	554
14	CABINET GORGE	WWP	230	230	230	230	230	230	230	230	230	230	230	230	230	230
15	ALBENI FLS AFTER ENC.	FED	49	49	49	49	47	33	29	31	30	30	35	37	45	49
16	BOX CANYON AFTER ENC.	PENDO	79	82	82	81	79	80	81	82	82	82	82	76	78	80
17	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	845	1005	1003	845
18	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	16	15	15	15	16
19	UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	10	9	9	9	10
20	MONROE STREET	WWP	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	NINE MILE	WWP	18	18	18	18	18	18	18	18	18	17	16	16	16	18
22	LONG LAKE	WWP	73	73	73	72	72	72	72	71	65	59	66	73	73	73
23	LITTLE FALLS	WWP	34	34	34	34	34	34	34	34	34	34	34	33	34	34
24	GRAND COULEE-LDS+TRB	FED	6110	6135	6186	6266	6301	6690	6683	6675	6673	6574	6142	6061	5917	5926
25	CH. JOSEPH AFTER ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
26	WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
27	CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6
28	RKY REACH AFTER ENC.	CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
29	ROCK ISLAND	CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613
30	WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
31	PRST RPDS AFTER ENC.	GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896
32	DWORSHAK	FED	460	460	460	460	460	460	460	451	424	411	425	460	460	460
33	LOWER GRANITE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
34	LITTLE GOOSE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
35	LOWER MONUMENTAL	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
36	ICE HARBOR	FED	693	693	693	693	693	693	693	693	693	693	693	693	693	693
37	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
38	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
39	ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
40	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
41	PELTON REREGULATING	PP&L	9	9	9	9	10	9	15	11	13	10	9	9	9	9
42	THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
43	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
44	HILLS CREEK	FED	35	35	35	35	35	33	30	30	34	21	22	22	35	35
45	LOOKOUT POINT	FED	138	138	138	138	138	108	71	71	112	136	138	138	138	138
46	DEXTER	FED	7	7	8	13	15	17	17	9	11	7	7	7	7	7
47	CARMEN-SMITH	EUG	41	41	39	37	34	33	41	41	41	41	41	41	41	41
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
49 COUGAR	FED	11	10	17	29	29	29	21	11	15	10	10	10	10	11
50 LEABURG	EUG	12	12	12	12	12	12	12	12	12	12	12	12	12	12
51 WATERVILLE	EUG	7	7	7	7	7	7	7	7	7	7	7	7	7	7
52 GREEN PETER	FED	68	67	86	92	92	89	78	78	90	92	92	92	92	92
53 FOSTER	FED	5	4	5	11	16	17	22	11	23	11	9	10	13	9
54 DETROIT	FED	115	115	115	115	115	113	99	99	115	115	115	115	115	115
55 BIG CLIFF	FED	6	5	6	9	11	13	15	7	14	6	6	6	6	6
56 OAK GROVE	PGE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
57 NORTH FORK	PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
58 FARADAY	PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
59 RIVER MILL	PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
60 SWIFT 1	PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
61 SWIFT 2	COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59
62 YALE	PP&L	129	129	130	127	124	124	124	122	121	112	105	101	133	132
63 MERWIN	PP&L	148	148	147	145	144	144	144	144	144	144	147	148	147	147
64 PACKWOOD	WPPSS	30	30	30	30	30	30	30	30	30	30	30	10	30	30
65 MOSSY ROCK	TCL	384	384	384	378	365	341	323	315	337	340	322	340	274	384
66 MAYFIELD	TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
67 KERR REGIONAL	MONT	47	45	45	43	47	47	51	53	47	40	36	44	58	55
68 THOMPSON FLS REGIONAL	MONT	12	11	11	11	12	12	14	15	13	11	10	12	15	14
69 HELLS CANYON	ID	347	294	294	272	297	290	408	450	291	424	322	322	360	243
70 OXBOW	ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
71 BROWNLEE	ID	675	675	675	675	675	675	675	675	675	675	675	675	675	675
72 TOTAL MAIN HYDRO W/ENC.		31274	31591	31636	31597	31587	31931	31829	31637	31355	31007	30420	30894	30395	30991
TOTAL MAIN HYDRO W/ENC.															
73 FEDERAL SYSTEM		20829	20849	20930	21042	21077	21381	21212	21056	20997	20811	20214	20403	20188	20361
74 PUBLIC AGENCIES		4242	4594	4581	4450	4401	4472	4432	4386	4384	4332	4333	4596	4312	4525
75 PRIVATE UTILITIES		6204	6148	6125	6105	6109	6078	6185	6194	5974	5864	5873	5895	5896	6106
76 TOTAL MAIN HYDRO W/ENC.		31274	31591	31636	31597	31587	31932	31829	31637	31355	31007	30420	30894	30395	30991
HYDRO INDEPENDENTS (FROM TABLE A-4)															
77 FEDERAL SYSTEM		287	285	285	267	249	253	263	261	270	277	288	287	276	277
78 PUBLIC AGENCIES		339	311	311	246	199	167	140	163	164	185	265	265	371	396
79 PRIVATE UTILITIES		978	959	929	901	888	880	942	914	930	929	935	961	972	973
80 TOTAL HYDRO INDEPENDENTS		1604	1555	1526	1414	1336	1300	1344	1339	1364	1391	1489	1514	1618	1646
TOTAL REGIONAL HYDRO															
81 FEDERAL SYSTEM		21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
82 PUBLIC AGENCIES		4580	4906	4893	4695	4600	4640	4572	4550	4548	4517	4598	4861	4682	4921
83 PRIVATE UTILITIES		7182	7106	7054	7006	6996	6958	7126	7108	6904	6793	6809	6856	6867	7079
84 TOTAL REGIONAL HYDRO		32878	33147	33162	33010	32923	33232	33173	32975	32719	32398	31909	32408	32013	32637

TABLE A-3

MAIN HYDRO
2009-10 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	CUSHMAN 1	TCL	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2	CUSHMAN 2	TCL	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3	ALDER	TCL	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4	LA GRANDE	TCL	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5	WHITE	PSP&L	64	64	64	64	64	64	64	60	49	49	45	48	54	62
6	ROSS	SCL	71	420	418	294	278	393	371	340	307	290	239	330	195	409
7	DIABLO	SCL	159	159	159	159	159	159	159	159	159	159	159	159	159	159
8	GORGE	SCL	177	177	177	177	177	177	177	177	177	177	177	177	177	177
9	UPPER BAKER	PSP&L	101	101	101	101	100	98	95	92	89	84	80	85	93	100
10	LOWER BAKER	PSP&L	71	71	71	71	71	71	67	63	58	52	51	54	61	69
11	LIBBY	FED	604	604	604	604	604	584	506	418	304	258	266	304	400	555
12	HUNGRY HORSE	FED	328	328	328	328	322	301	288	273	259	245	53	267	57	64
13	NOXON	WWP	554	554	554	551	549	549	549	536	500	429	373	373	474	554
14	CABINET GORGE	WWP	230	230	230	230	230	230	230	230	230	230	230	230	230	230
15	ALBENI FLS AFTER ENC.	FED	49	49	49	49	47	33	29	31	30	30	35	37	45	49
16	BOX CANYON AFTER ENC.	PENDO	79	82	82	81	79	80	81	82	82	82	82	76	78	80
17	BOUNDARY AFTER ENC.	SCL	845	845	845	845	845	845	845	845	845	845	845	1005	1003	845
18	POST FALLS	WWP	16	16	16	16	16	16	16	16	16	16	15	15	15	16
19	UPPER FALLS	WWP	10	10	10	10	10	10	10	10	10	10	9	9	9	10
20	MONROE STREET	WWP	6	6	6	6	6	6	6	6	6	6	6	6	6	6
21	NINE MILE	WWP	18	18	18	18	18	18	18	18	18	17	16	16	16	18
22	LONG LAKE	WWP	73	73	73	72	72	72	72	71	65	59	66	73	73	73
23	LITTLE FALLS	WWP	34	34	34	34	34	34	34	34	34	34	34	33	34	34
24	GRAND COULEE-LDS+TRB	FED	6110	6135	6186	6266	6301	6690	6683	6675	6673	6574	6142	6061	5917	5926
25	CH. JOSEPH AFTER ENC.	FED	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543	2543
26	WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
27	CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6
28	RKY REACH AFTER ENC.	CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
29	ROCK ISLAND	CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613
30	WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910
31	PRST RPDS AFTER ENC.	GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897
32	DWORSHAK	FED	460	460	460	460	460	460	460	451	424	411	425	460	460	460
33	LOWER GRANITE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
34	LITTLE GOOSE	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
35	LOWER MONUMENTAL	FED	932	932	932	932	932	932	932	932	932	932	932	932	932	932
36	ICE HARBOR	FED	693	693	693	693	693	693	693	693	693	693	693	693	693	693
37	MCNARY	FED	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
38	JOHN DAY	FED	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484	2484
39	ROUND BUTTE	PGE	300	300	300	300	300	300	300	300	300	300	300	300	300	300
40	PELTON	PGE	108	108	108	108	108	108	108	108	108	108	108	108	108	108
41	PELTON REREGULATING	PP&L	9	9	9	9	10	9	15	11	13	10	9	9	9	9
42	THE DALLES	FED	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074	2074
43	BONNEVILLE	FED	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147	1147
44	HILLS CREEK	FED	35	35	35	35	35	33	30	30	34	21	22	22	35	35
45	LOOKOUT POINT	FED	138	138	138	138	138	108	71	71	112	136	138	138	138	138
46	DEXTER	FED	7	7	8	13	15	17	17	9	11	7	7	7	7	7
47	CARMEN-SMITH	EUG	41	41	39	37	34	33	41	41	41	41	41	41	41	41
48	TRAIL BRIDGE	EUG	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-3 (CONTINUED)

MAIN HYDRO
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
49 COUGAR		FED	11	10	17	29	29	29	21	11	15	10	10	10	10	11
50 LEABURG		EUG	12	12	12	12	12	12	12	12	12	12	12	12	12	12
51 WATERVILLE		EUG	7	7	7	7	7	7	7	7	7	7	7	7	7	7
52 GREEN PETER		FED	68	67	86	92	92	89	78	78	90	92	92	92	92	92
53 FOSTER		FED	5	4	5	11	16	17	22	11	23	11	9	10	13	9
54 DETROIT		FED	115	115	115	115	115	113	99	99	115	115	115	115	115	115
55 BIG CLIFF		FED	6	5	6	9	11	13	15	7	14	6	6	6	6	6
56 OAK GROVE		PGE	50	50	50	50	50	50	50	50	50	50	50	50	50	50
57 NORTH FORK		PGE	54	54	54	54	54	54	54	54	54	54	54	54	54	54
58 FARADAY		PGE	43	43	43	43	43	43	43	43	43	43	43	43	43	43
59 RIVER MILL		PGE	23	23	23	23	23	23	23	23	23	23	23	23	23	23
60 SWIFT 1		PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
61 SWIFT 2		COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59
62 YALE		PP&L	129	129	130	127	124	124	124	122	121	112	105	101	133	132
63 MERWIN		PP&L	148	148	147	145	144	144	144	144	144	144	147	148	147	147
64 PACKWOOD		WPPSS	30	30	30	30	30	30	30	30	30	30	30	10	30	30
65 MOSSY ROCK		TCL	384	384	384	378	365	341	323	315	337	340	322	340	274	384
66 MAYFIELD		TCL	172	172	172	172	172	172	172	172	172	172	172	172	172	172
67 KERR	REGIONAL	MONT	70	67	67	66	71	69	74	75	68	60	62	64	96	88
68 THOMPSON FLS	REGIONAL	MONT	17	17	17	17	18	18	20	21	19	17	17	17	25	22
69 HELLS CANYON		ID	347	294	294	272	297	290	408	450	291	424	322	322	360	243
70 OXBOW		ID	220	220	220	220	220	220	220	220	220	220	220	220	220	220
71 BROWNLEE		ID	675	675	675	675	675	675	675	675	675	675	675	675	675	675
72 TOTAL MAIN HYDRO W/ENC.			31303	31620	31664	31625	31616	31959	31858	31664	31383	31033	30455	30920	30443	31032
TOTAL MAIN HYDRO W/ENC.																
73 FEDERAL SYSTEM			20829	20849	20930	21042	21077	21381	21212	21056	20997	20811	20214	20403	20188	20361
74 PUBLIC AGENCIES			4760	5113	5100	4968	4920	5506	5467	5423	5417	5365	5365	5630	5355	5557
75 PRIVATE UTILITIES			5714	5657	5634	5615	5620	5071	5179	5186	4968	4856	4876	4886	4900	5115
76 TOTAL MAIN HYDRO W/ENC.			31303	31620	31664	31625	31616	31959	31858	31664	31383	31033	30455	30920	30443	31032
HYDRO INDEPENDENTS (FROM TABLE A-4)																
77 FEDERAL SYSTEM			287	285	285	267	249	253	263	261	270	277	288	287	276	277
78 PUBLIC AGENCIES			339	311	311	246	199	167	140	163	164	185	265	265	371	396
79 PRIVATE UTILITIES			1018	997	968	940	929	919	984	955	971	967	986	998	1038	1030
80 TOTAL HYDRO INDEPENDENTS			1644	1594	1565	1453	1378	1339	1386	1380	1405	1429	1539	1550	1684	1703
TOTAL REGIONAL HYDRO																
81 FEDERAL SYSTEM			21116	21135	21216	21309	21326	21634	21475	21318	21267	21088	20502	20691	20463	20638
82 PUBLIC AGENCIES			5099	5424	5411	5214	5119	5674	5607	5586	5581	5550	5630	5896	5726	5952
83 PRIVATE UTILITIES			6732	6655	6603	6555	6549	5990	6162	6141	5939	5824	5861	5884	5938	6145
84 TOTAL REGIONAL HYDRO			32947	33214	33229	33078	32994	33298	33244	33044	32787	32462	31993	32470	32127	32736

TABLE A-4

HYDRO INDEPENDENTS
1990-91 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2	ROGUE	PP&L	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
5	CEDAR FALLS, NEWHALEM	SCL	0	30	30	30	30	30	3	30	30	30	30	30	30	30
6	CNDT,SM PLNTS,BIG FRK	PP&L	36	34	34	34	35	36	36	35	36	36	37	37	36	37
7	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	10	10	10	8	9	6	7	9	8	10	10	10	10	8
10	SWAN FALLS	ID	12	12	12	12	12	12	12	12	12	12	12	12	12	12
11	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
12	AMERICAN FALLS	ID	87	81	55	37	12	9	20	0	0	31	51	64	53	77
13	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	ANDERSON RANCH	FED	39	37	37	34	33	32	32	31	29	28	31	31	36	38
16	UPPER SALMON 1&2	ID	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	UPPER SALMON 3&4	ID	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
19	MINIDOKA	FED	16	16	16	15	13	13	13	13	14	15	15	15	16	16
20	IDAHO FALLS	FED	21	21	21	18	15	17	21	18	15	17	21	21	21	19
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	CHANDLER	FED	5	5	5	4	4	8	10	7	13	13	12	12	0	0
29	ROZA - PUMPING LOAD	FED	8	8	8	7	-3	0	0	0	5	6	10	9	4	8
30	LOST CREEK	FED	56	56	56	48	45	43	46	50	54	56	56	56	56	56
31	PORTLAND HYDRO PROJ	PGE	2	1	1	1	1	1	15	7	27	12	8	8	10	3
32	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	54	23	23	5	2	0	0	0	0	0	4	4	54	64
35	FELT	FED	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36	SPRINGS PLANTS	ID	26	27	28	28	30	31	31	30	30	27	28	28	27	26
37	R.D. SMITH TOTAL	SCL/TCL	4	4	4	2	0	0	0	0	0	0	3	3	4	4
38	MAIN CANAL HD	SCL/TCL	24	20	20	12	0	0	0	0	0	0	14	14	18	21
39	PEC 66.0 TOTAL	SCL/TCL	2	2	2	2	0	0	0	0	0	0	2	2	2	2
40	ELTOPIA BR. CANAL	SCL/TCL	2	2	2	1	0	0	0	0	0	0	1	1	2	2
41	SUMMER FALLS	SCL/TCL	88	79	79	48	22	0	0	0	0	5	50	50	71	81
42	QUINCY CHUTE	GRNT	8	7	7	4	2	0	0	0	0	1	5	5	6	8
43	PEC HEADWORKS	GRNT	8	8	8	8	8	0	0	0	0	8	8	8	8	8
44	TWIN FALLS	ID	10	10	10	10	10	10	10	10	10	10	10	10	10	10
45	LAKE OSWEGO CORP	PGE	1	1	1	1	1	1	1	1	1	0	1	1	1	1
46	USBR - GREEN SPRINGS	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
47 MYSTICE	REGIONAL	MONT	2	2	2	2	2	2	3	3	2	2	2	2	3	2
48 BLACK EAGLE	REGIONAL	MONT	3	3	3	3	4	4	4	5	4	3	3	4	5	3
49 HOLTER	REGIONAL	MONT	9	9	9	8	10	10	12	13	11	9	9	11	12	9
50 HAUSER	REGIONAL	MONT	3	3	3	3	3	3	4	4	4	3	3	4	4	3
51 MLTWN FLT CR	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 MADISON	REGIONAL	MONT	2	2	2	2	2	2	2	2	2	2	2	2	2	2
53 RAINBOW	REGIONAL	MONT	7	6	6	6	7	7	8	9	8	7	6	8	9	7
54 COCHRANE	REGIONAL	MONT	10	9	9	9	10	11	12	13	11	9	9	11	13	10
55 RYAN	REGIONAL	MONT	8	7	7	7	8	8	9	11	9	7	6	7	8	8
56 MORONY	REGIONAL	MONT	9	9	9	8	9	10	11	12	11	9	9	11	12	9
57 HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 CASCADE		ID	13	14	10	6	6	0	0	5	0	0	0	0	0	0
59 GEM STATE HYDRO		CIDFL	22	20	20	16	13	14	15	15	15	22	22	22	21	21
60 SMITH CREEK		EWEB	11	0	0	0	5	5	4	0	1	2	9	9	37	37
61 HOOD STREET		TCL	0	0	0	0	1	1	1	1	1	1	1	1	1	1
62 TOTAL HYDRO INDEPENDENTS			1577	1529	1500	1386	1308	1274	1316	1310	1336	1364	1471	1495	1585	1603
TOTAL HYDRO INDEPENDENTS																
63 FEDERAL SYSTEM			287	285	285	267	249	253	263	261	270	277	288	287	276	277
64 PUBLIC AGENCIES			339	311	311	246	199	167	140	163	164	185	265	265	371	396
65 PRIVATE UTILITIES			951	932	903	874	860	854	913	885	901	902	918	942	939	930
66 TOTAL HYDRO INDEPENDENTS			1577	1529	1500	1386	1308	1274	1316	1310	1336	1364	1471	1495	1585	1603

TABLE A-4

HYDRO INDEPENDENTS
1995-96 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2	ROGUE	PP&L	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
5	CEDAR FALLS, NEWHALEM	SCL	0	30	30	30	30	30	3	30	30	30	30	30	30	30
6	CNDT,SM PLNTS,BIG FRK	PP&L	36	34	34	34	35	36	36	35	36	36	37	37	36	37
7	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	10	10	10	8	9	6	7	9	8	10	10	10	10	8
10	SWAN FALLS	ID	12	12	12	12	12	12	12	12	12	12	12	12	12	12
11	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
12	AMERICAN FALLS	ID	87	81	55	37	12	9	20	0	0	31	51	64	53	77
13	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	ANDERSON RANCH	FED	39	37	37	34	33	32	32	31	29	28	31	31	36	38
16	UPPER SALMON 1&2	ID	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	UPPER SALMON 3&4	ID	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
19	MINIDOKA	FED	16	16	16	15	13	13	13	13	14	15	15	15	16	16
20	IDAHO FALLS	FED	21	21	21	18	15	17	21	18	15	17	21	21	21	19
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	CHANDLER	FED	5	5	5	4	4	8	10	7	13	13	12	12	0	0
29	ROZA - PUMPING LOAD	FED	8	8	8	7	-3	0	0	0	5	6	10	9	4	8
30	LOST CREEK	FED	56	56	56	48	45	43	46	50	54	56	56	56	56	56
31	PORTLAND HYDRO PROJ	PGE	2	1	1	1	1	1	15	7	27	12	8	8	10	3
32	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	54	23	23	5	2	0	0	0	0	0	4	4	54	64
35	FELT	FED	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36	SPRINGS PLANTS	ID	26	27	28	28	30	31	31	30	30	27	28	28	27	26
37	R.D. SMITH TOTAL	SCL/TCL	4	4	4	2	0	0	0	0	0	0	3	3	4	4
38	MAIN CANAL HD	SCL/TCL	24	20	20	12	0	0	0	0	0	0	14	14	18	21
39	PEC 66.0 TOTAL	SCL/TCL	2	2	2	2	0	0	0	0	0	0	2	2	2	2
40	ELTOPIA BR. CANAL	SCL/TCL	2	2	2	1	0	0	0	0	0	0	1	1	2	2
41	SUMMER FALLS	SCL/TCL	88	79	79	48	22	0	0	0	0	5	50	50	71	81
42	QUINCY CHUTE	GRNT	8	7	7	4	2	0	0	0	0	1	5	5	6	8
43	PEC HEADWORKS	GRNT	8	8	8	8	8	0	0	0	0	8	8	8	8	8
44	TWIN FALLS	ID	10	10	10	10	10	10	10	10	10	10	10	10	10	10
45	LAKE OSWEGO CORP	PGE	1	1	1	1	1	1	1	1	1	0	1	1	1	1
46	USBR - GREEN SPRINGS	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
47 MYSTICE	REGIONAL	MONT	2	2	2	2	2	2	3	3	3	2	2	2	3	3
48 BLACK EAGLE	REGIONAL	MONT	4	4	4	3	4	4	5	5	4	4	3	3	5	5
49 HOLTER	REGIONAL	MONT	10	10	10	9	10	11	12	14	12	10	9	9	13	12
50 HAUSER	REGIONAL	MONT	3	3	3	3	3	4	4	4	4	3	3	3	4	4
51 MLTWN FLT CR	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	1
52 MADISON	REGIONAL	MONT	2	2	2	2	2	2	2	3	2	2	2	2	2	2
53 RAINBOW	REGIONAL	MONT	7	7	7	6	7	8	9	10	8	7	7	7	9	9
54 COCHRANE	REGIONAL	MONT	10	10	10	9	11	11	13	14	12	10	10	10	14	13
55 RYAN	REGIONAL	MONT	8	8	8	7	8	9	10	11	10	8	6	6	9	10
56 MORONY	REGIONAL	MONT	10	9	9	9	10	11	12	13	11	9	9	9	13	12
57 HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 CASCADE		ID	13	14	10	6	6	0	0	5	0	0	0	0	0	0
59 GEM STATE HYDRO		CIDFL	22	20	20	16	13	14	15	15	15	22	22	22	21	21
60 SMITH CREEK		EWEB	11	0	0	0	5	5	4	0	1	2	9	9	37	37
61 HOOD STREET		TCL	0	0	0	0	1	1	1	1	1	1	1	1	1	1
62 TOTAL HYDRO INDEPENDENTS			1581	1533	1503	1390	1312	1277	1320	1315	1340	1368	1474	1486	1590	1620
TOTAL HYDRO INDEPENDENTS																
63 FEDERAL SYSTEM			287	285	285	267	249	253	263	261	270	277	288	287	276	277
64 PUBLIC AGENCIES			339	311	311	246	199	167	140	163	164	185	265	265	371	396
65 PRIVATE UTILITIES			955	936	906	877	864	857	918	890	906	905	921	933	943	947
66 TOTAL HYDRO INDEPENDENTS			1581	1533	1503	1390	1312	1277	1320	1315	1340	1368	1474	1486	1590	1620

TABLE A-4

HYDRO INDEPENDENTS
2000- 1 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2	ROGUE	PP&L	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
5	CEDAR FALLS, NEWHALEM	SCL	0	30	30	30	30	30	3	30	30	30	30	30	30	30
6	CNDT,SM PLNTS,BIG FRK	PP&L	36	34	34	34	35	36	36	35	36	36	37	37	36	37
7	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	10	10	10	8	9	6	7	9	8	10	10	10	10	8
10	SWAN FALLS	ID	12	12	12	12	12	12	12	12	12	12	12	12	12	12
11	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
12	AMERICAN FALLS	ID	87	81	55	37	12	9	20	0	0	31	51	64	53	77
13	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	ANDERSON RANCH	FED	39	37	37	34	33	32	32	31	29	28	31	31	36	38
16	UPPER SALMON 1&2	ID	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	UPPER SALMON 3&4	ID	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
19	MINIDOKA	FED	16	16	16	15	13	13	13	13	14	15	15	15	16	16
20	IDAHO FALLS	FED	21	21	21	18	15	17	21	18	15	17	21	21	21	19
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	CHANDLER	FED	5	5	5	4	4	8	10	7	13	13	12	12	0	0
29	ROZA - PUMPING LOAD	FED	8	8	8	7	-3	0	0	0	5	6	10	9	4	8
30	LOST CREEK	FED	56	56	56	48	45	43	46	50	54	56	56	56	56	56
31	PORTLAND HYDRO PROJ	PGE	2	1	1	1	1	1	15	7	27	12	8	8	10	3
32	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	54	23	23	5	2	0	0	0	0	0	4	4	54	64
35	FELT	FED	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36	SPRINGS PLANTS	ID	26	27	28	28	30	31	31	30	30	27	28	28	27	26
37	R.D. SMITH TOTAL	SCL/TCL	4	4	4	2	0	0	0	0	0	0	3	3	4	4
38	MAIN CANAL HD	SCL/TCL	24	20	20	12	0	0	0	0	0	0	14	14	18	21
39	PEC 66.0 TOTAL	SCL/TCL	2	2	2	2	0	0	0	0	0	0	2	2	2	2
40	ELTOPIA BR. CANAL	SCL/TCL	2	2	2	1	0	0	0	0	0	0	1	1	2	2
41	SUMMER FALLS	SCL/TCL	88	79	79	48	22	0	0	0	0	5	50	50	71	81
42	QUINCY CHUTE	GRNT	8	7	7	4	2	0	0	0	0	1	5	5	6	8
43	PEC HEADWORKS	GRNT	8	8	8	8	8	0	0	0	0	8	8	8	8	8
44	TWIN FALLS	ID	10	10	10	10	10	10	10	10	10	10	10	10	10	10
45	LAKE OSWEGO CORP	PGE	1	1	1	1	1	1	1	1	1	0	1	1	1	1
46	USBR - GREEN SPRINGS	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
47 MYSTICE	REGIONAL	MONT	3	3	3	3	3	3	4	4	4	3	3	3	4	4
48 BLACK EAGLE	REGIONAL	MONT	5	5	5	5	5	6	6	7	6	5	4	5	7	6
49 HOLTER	REGIONAL	MONT	14	14	14	13	15	15	17	18	16	14	12	15	18	17
50 HAUSER	REGIONAL	MONT	5	4	4	4	5	5	5	6	5	5	4	5	6	6
51 MLTWN FLT CR	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	1	0	0	0	1
52 MADISON	REGIONAL	MONT	3	3	3	2	3	3	3	3	3	3	2	3	3	3
53 RAINBOW	REGIONAL	MONT	10	10	10	9	10	11	12	13	11	10	9	10	13	12
54 COCHRANE	REGIONAL	MONT	15	14	14	14	15	15	17	18	16	14	12	15	19	17
55 RYAN	REGIONAL	MONT	12	11	11	11	12	12	14	15	13	11	8	10	12	14
56 MORONY	REGIONAL	MONT	14	13	13	13	14	14	16	17	15	13	12	14	18	16
57 HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 CASCADE		ID	13	14	10	6	6	0	0	5	0	0	0	0	0	0
59 GEM STATE HYDRO		CIDFL	22	20	20	16	13	14	15	15	15	22	22	22	21	21
60 SMITH CREEK		EWEB	11	0	0	0	5	5	4	0	1	2	9	9	37	37
61 HOOD STREET		TCL	0	0	0	0	1	1	1	1	1	1	1	1	1	1
62 TOTAL HYDRO INDEPENDENTS			1604	1555	1526	1414	1336	1300	1344	1339	1364	1391	1489	1514	1618	1646
TOTAL HYDRO INDEPENDENTS																
63 FEDERAL SYSTEM			287	285	285	267	249	253	263	261	270	277	288	287	276	277
64 PUBLIC AGENCIES			339	311	311	246	199	167	140	163	164	185	265	265	371	396
65 PRIVATE UTILITIES			978	959	929	901	888	880	942	914	930	929	935	961	972	973
66 TOTAL HYDRO INDEPENDENTS			1604	1555	1526	1414	1336	1300	1344	1339	1364	1391	1489	1514	1618	1646

TABLE A-4

HYDRO INDEPENDENTS
2009-10 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	NORTH UMPQUA	PP&L	175	175	175	175	175	175	175	175	175	175	175	175	175	175
2	ROGUE	PP&L	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3	KLAMATH	PP&L	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4	SNOQUALMIE,ELCT & NK	PSP&L	72	72	72	72	72	72	72	72	72	72	72	72	72	72
5	CEDAR FALLS, NEWHALEM	SCL	0	30	30	30	30	30	3	30	30	30	30	30	30	30
6	CNDT,SM PLNTS,BIG FRK	PP&L	36	34	34	34	35	36	36	35	36	36	37	37	36	37
7	BULL RUN	PGE	22	22	22	22	22	22	22	22	22	22	22	22	22	22
8	TW SULLIVAN	PGE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
9	BLACK CANYON	FED	10	10	10	8	9	6	7	9	8	10	10	10	10	8
10	SWAN FALLS	ID	12	12	12	12	12	12	12	12	12	12	12	12	12	12
11	C.J.STRIKE	ID	85	85	85	85	85	85	85	85	85	85	85	85	85	85
12	AMERICAN FALLS	ID	87	81	55	37	12	9	20	0	0	31	51	64	53	77
13	BLISS	ID	75	75	75	75	75	75	75	75	75	75	75	75	75	75
14	LOWER SALMON	ID	68	68	68	68	68	68	68	68	68	68	68	68	68	68
15	ANDERSON RANCH	FED	39	37	37	34	33	32	32	31	29	28	31	31	36	38
16	UPPER SALMON 1&2	ID	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	UPPER SALMON 3&4	ID	18	18	18	18	18	18	18	18	18	18	18	18	18	18
18	SHOSHONE FALLS	ID	13	13	13	13	13	13	13	13	13	13	13	13	13	13
19	MINIDOKA	FED	16	16	16	15	13	13	13	13	14	15	15	15	16	16
20	IDAHO FALLS	FED	21	21	21	18	15	17	21	18	15	17	21	21	21	19
21	STRAWBERRY	LWVAL	2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	PALISADES	FED	131	131	131	131	131	131	131	131	131	131	131	131	131	131
23	MEYERS FALLS	WWP	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	CALISPEL CREEK	PENDO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	BIG CREEK	FED	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	MOYIE SPRINGS	BONFY	2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	YELM	CNTRA	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	CHANDLER	FED	5	5	5	4	4	8	10	7	13	13	12	12	0	0
29	ROZA - PUMPING LOAD	FED	8	8	8	7	-3	0	0	0	5	6	10	9	4	8
30	LOST CREEK	FED	56	56	56	48	45	43	46	50	54	56	56	56	56	56
31	PORTLAND HYDRO PROJ	PGE	2	1	1	1	1	1	15	7	27	12	8	8	10	3
32	JACKSON	SNOH	103	103	103	103	103	103	103	103	103	103	103	103	103	103
33	ROCKY BROOK	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	LUCKY PEAK	SCL	54	23	23	5	2	0	0	0	0	0	4	4	54	64
35	FELT	FED	2	2	2	2	2	2	2	2	2	2	2	2	2	2
36	SPRINGS PLANTS	ID	26	27	28	28	30	31	31	30	30	27	28	28	27	26
37	R.D. SMITH TOTAL	SCL/TCL	4	4	4	2	0	0	0	0	0	0	3	3	4	4
38	MAIN CANAL HD	SCL/TCL	24	20	20	12	0	0	0	0	0	0	14	14	18	21
39	PEC 66.0 TOTAL	SCL/TCL	2	2	2	2	0	0	0	0	0	0	2	2	2	2
40	ELTOPIA BR. CANAL	SCL/TCL	2	2	2	1	0	0	0	0	0	0	1	1	2	2
41	SUMMER FALLS	SCL/TCL	88	79	79	48	22	0	0	0	0	5	50	50	71	81
42	QUINCY CHUTE	GRNT	8	7	7	4	2	0	0	0	0	1	5	5	6	8
43	PEC HEADWORKS	GRNT	8	8	8	8	8	0	0	0	0	8	8	8	8	8
44	TWIN FALLS	ID	10	10	10	10	10	10	10	10	10	10	10	10	10	10
45	LAKE OSWEGO CORP	PGE	1	1	1	1	1	1	1	1	1	0	1	1	1	1
46	USBR - GREEN SPRINGS	PP&L	18	18	18	18	18	18	18	18	18	18	18	18	18	18

TABLE A-4 (CONTINUED)

HYDRO INDEPENDENTS
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
47 MYSTICE	REGIONAL	MONT	5	5	5	5	5	5	5	6	5	5	5	5	7	6
48 BLACK EAGLE	REGIONAL	MONT	8	8	8	7	8	8	9	9	9	8	8	8	11	10
49 HOLTER	REGIONAL	MONT	21	21	21	20	22	22	24	25	23	21	21	21	30	27
50 HAUSER	REGIONAL	MONT	7	7	7	7	7	7	8	8	8	7	7	7	10	9
51 MLTWN FLT CR	REGIONAL	MONT	0	0	0	0	0	0	0	1	0	1	0	0	1	1
52 MADISON	REGIONAL	MONT	4	4	4	4	4	4	4	5	4	4	4	4	6	5
53 RAINBOW	REGIONAL	MONT	15	15	15	14	16	16	17	18	17	15	15	15	22	19
54 COCHRANE	REGIONAL	MONT	22	21	21	21	22	22	25	26	24	21	22	22	31	28
55 RYAN	REGIONAL	MONT	17	17	17	17	18	18	20	21	19	17	14	14	21	22
56 MORONY	REGIONAL	MONT	20	20	20	19	21	21	23	24	22	20	20	20	29	26
57 HEBGEN	REGIONAL	MONT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58 CASCADE		ID	13	14	10	6	6	0	0	5	0	0	0	0	0	0
59 GEM STATE HYDRO		CIDFL	22	20	20	16	13	14	15	15	15	22	22	22	21	21
60 SMITH CREEK		EWEB	11	0	0	0	5	5	4	0	1	2	9	9	37	37
61 HOOD STREET		TCL	0	0	0	0	1	1	1	1	1	1	1	1	1	1
62 TOTAL HYDRO INDEPENDENTS			1644	1594	1565	1453	1378	1339	1386	1380	1405	1429	1539	1550	1684	1703
TOTAL HYDRO INDEPENDENTS																
63 FEDERAL SYSTEM			287	285	285	267	249	253	263	261	270	277	288	287	276	277
64 PUBLIC AGENCIES			339	311	311	246	199	167	140	163	164	185	265	265	371	396
65 PRIVATE UTILITIES			1018	997	968	940	929	919	984	955	971	967	986	998	1038	1030
66 TOTAL HYDRO INDEPENDENTS			1644	1594	1565	1453	1378	1339	1386	1380	1405	1429	1539	1550	1684	1703

TABLE A-5

IMPORTS
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORTS FORM EAST														
INTRA-COMPANY TRANSFERS														
1 PP&L WYOMING TO PP&L	1565	1585	1585	1280	1565	1550	1495	1390	1415	1155	1170	1170	1130	1465
2 UTAH	416	291	291	177	138	140	138	168	160	142	132	132	235	362
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST														
3 BASIN ELECTRIC TO WAPA *	185	185	185	185	185	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	2166	2061	2061	1642	1888	1690	1633	1558	1575	1297	1302	1302	1365	1827
IMPORTS FROM PSW														
5 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	0	0	0	0	0	225	225	225	225	0	0	0	0	0
11 PG&E TO SCL, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PG&E TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	0	0	0	0	0	225	225	225	225	0	0	0	0	0
IMPORTS FROM CANADA														
15 BC HYDRO TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
17 IMPORTS FROM CANADA	143	143	143	143	143	105	119	141	172	209	143	143	143	143
18 TOTAL IMPORTS	2308	2203	2203	1784	2031	2020	1977	1923	1972	1506	1444	1444	1508	1969
TOTAL IMPORTS														
19 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PUBLIC AGENCIES	143	143	143	143	143	105	119	141	172	209	143	143	143	143
21 PRIVATE UTILITIES	1981	1876	1876	1457	1703	1915	1858	1783	1800	1297	1302	1302	1365	1827
22 NON-NORTHWEST UTILITIES *	185	185	185	185	185	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	2308	2203	2203	1784	2031	2020	1977	1923	1972	1506	1444	1444	1508	1969

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

A. BGP TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
B. SCE TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
D. BGP TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE A-5

IMPORTS
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORTS FORM EAST														
INTRA-COMPANY TRANSFERS														
1 PP&L WYOMING TO PP&L	1385	1470	1470	1475	1445	1425	1370	1330	1345	1305	820	820	760	1385
2 UTAH	385	276	276	169	127	132	128	152	145	131	126	126	237	407
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST														
3 BASIN ELECTRIC TO WAPA *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	1770	1746	1746	1644	1572	1557	1498	1482	1490	1436	946	946	997	1792
IMPORTS FROM PSW														
5 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	0	0	0	0	0	225	225	225	225	0	0	0	0	0
11 PG&E TO SCL, SEAS PWR XCHG	0	0	0	0	0	0	180	200	200	200	0	0	0	0
12 PG&E TO WWP, SEAS PWR XCHG	0	0	0	0	0	150	150	150	150	150	0	0	0	0
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	0	0	0	0	0	375	555	575	575	350	0	0	0	0
IMPORTS FROM CANADA														
15 BC HYDRO TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
17 IMPORTS FROM CANADA	143	143	143	143	143	105	119	141	172	209	143	143	143	143
18 TOTAL IMPORTS	1913	1888	1888	1786	1715	2037	2172	2198	2237	1995	1088	1088	1140	1935
TOTAL IMPORTS														
19 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PUBLIC AGENCIES	143	143	143	143	143	105	299	341	372	409	143	143	143	143
21 PRIVATE UTILITIES	1770	1746	1746	1644	1572	1932	1873	1857	1865	1586	946	946	997	1792
22 NON-NORTHWEST UTILITIES *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	1913	1888	1888	1786	1715	2037	2172	2198	2237	1995	1088	1088	1140	1935

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

A. BGP TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
B. SCE TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
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E. SCE TO BPA, SUPPLEMENTAL ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS

TABLE A-5

IMPORTS
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORTS FORM EAST														
INTRA-COMPANY TRANSFERS														
1 PP&L WYOMING TO PP&L	1335	1390	1390	1345	1385	1365	1300	1250	1270	1225	750	750	1180	1060
2 UTAH	409	314	314	184	125	133	129	150	144	129	126	126	231	383
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST														
3 BASIN ELECTRIC TO WAPA *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	1744	1704	1704	1529	1510	1498	1429	1400	1414	1354	876	876	1411	1443
IMPORTS FROM PSW														
5 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	0	0	0	0	0	225	225	225	225	0	0	0	0	0
11 PG&E TO SCL, SEAS PWR XCHG	0	0	0	0	0	0	180	200	200	200	0	0	0	0
12 PG&E TO WWP, SEAS PWR XCHG	0	0	0	0	0	150	150	150	150	150	0	0	0	0
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	0	0	0	0	0	375	555	575	575	350	0	0	0	0
IMPORTS FROM CANADA														
15 BC HYDRO TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
17 IMPORTS FROM CANADA	143	143	143	143	143	105	119	141	172	209	143	143	143	143
18 TOTAL IMPORTS	1887	1847	1847	1672	1653	1978	2103	2116	2161	1913	1018	1018	1554	1585
TOTAL IMPORTS														
19 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PUBLIC AGENCIES	143	143	143	143	143	105	299	341	372	409	143	143	143	143
21 PRIVATE UTILITIES	1744	1704	1704	1529	1510	1873	1804	1775	1789	1504	876	876	1411	1443
22 NON-NORTHWEST UTILITIES *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	1887	1847	1847	1672	1653	1978	2103	2116	2161	1913	1018	1018	1554	1585

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

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C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
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TABLE A-5

IMPORTS
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IMPORTS FORM EAST														
INTRA-COMPANY TRANSFERS														
1 PP&L WYOMING TO PP&L	1250	1290	1290	1305	1260	1240	1170	1115	1096	1090	830	830	810	1195
2 UTAH	426	340	340	196	130	141	136	163	155	140	136	136	251	459
IMPORT TRANSFERS THROUGH THE PACIFIC NORTHWEST														
3 BASIN ELECTRIC TO WAPA *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 IMPORTS FROM EAST	1676	1630	1630	1501	1390	1381	1306	1278	1251	1230	966	966	1061	1654
IMPORTS FROM PSW														
5 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, OPTION NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SCE TO PGE, SEAS PWR XCHG	0	0	0	0	0	225	225	225	225	0	0	0	0	0
11 PG&E TO SCL, SEAS PWR XCHG	0	0	0	0	0	0	180	200	200	200	0	0	0	0
12 PG&E TO WWP, SEAS PWR XCHG	0	0	0	0	0	150	150	150	150	150	0	0	0	0
13 SCE TO WWP, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 IMPORTS FROM PSW	0	0	0	0	0	375	555	575	575	350	0	0	0	0
IMPORTS FROM CANADA														
15 BC HYDRO TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 BC HYDRO TO SCL, ROSS	143	143	143	143	143	105	119	141	172	209	143	143	143	143
17 IMPORTS FROM CANADA	143	143	143	143	143	105	119	141	172	209	143	143	143	143
18 TOTAL IMPORTS	1818	1772	1772	1643	1532	1861	1980	1994	1998	1789	1108	1108	1203	1796
TOTAL IMPORTS														
19 FEDERAL SYSTEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 PUBLIC AGENCIES	143	143	143	143	143	105	299	341	372	409	143	143	143	143
21 PRIVATE UTILITIES	1676	1630	1630	1501	1390	1756	1681	1653	1626	1380	966	966	1061	1654
22 NON-NORTHWEST UTILITIES *	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL IMPORTS	1818	1772	1772	1643	1532	1861	1980	1994	1998	1789	1108	1108	1203	1796

NOTE: BPA POWER SALES WITH THE PSW CONVERT TO CAPACITY/ENERGY EXCHANGES WHEN BPA BECOMES ENERGY DEFICIT. PSW DELIVERIES UNDER THESE CONTRACTS ARE ASSUMED TO BEGIN AS FOLLOWS:

A. BGP TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
B. SCE TO BPA, CAPACITY/ENERGY EXCHANGE BEGINS OY 1999-00
C. SCE TO BPA, OPTION ENERGY IS A BPA RESOURCE OPTION AND NOT INCLUDED IN THIS ANALYSIS
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TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	3	3	3	3	0	0	0	0	0
7 SHUFFLETON	PSP&L	0	0	0	0	0	86	86	86	86	0	0	0	0	0
8 BIRD REGIONAL	MONT	11	11	11	0	0	13	14	16	14	11	11	14	15	12
9 CORETTE REGIONAL	MONT	29	28	28	26	30	32	36	40	34	28	28	34	0	0
10 SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 TOTAL SMALL THERMAL & MISC.		50	48	48	35	39	142	147	153	145	48	48	57	24	21
TOTAL SMALL THERMAL & MISC.															
12 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUBLIC AGENCIES		3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 PRIVATE UTILITIES		46	45	45	32	36	139	144	150	142	45	45	54	21	18
15 TOTAL SMALL THERMAL & MISC.		50	48	48	35	39	142	147	153	145	48	48	57	24	21

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES
1995-96 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	3	3	3	3	0	0	0	0	0
7 SHUFFLETON	PSP&L	0	0	0	0	0	86	86	86	86	0	0	0	0	0
8 BIRD REGIONAL	MONT	12	12	12	0	0	13	15	17	14	12	12	12	16	15
9 CORETTE REGIONAL	MONT	31	30	30	28	32	34	38	42	36	30	29	29	0	0
10 SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 TOTAL SMALL THERMAL & MISC.		53	50	50	37	41	145	151	157	149	51	50	50	25	24
TOTAL SMALL THERMAL & MISC.															
12 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUBLIC AGENCIES		3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 PRIVATE UTILITIES		50	47	47	34	38	142	147	154	146	48	47	47	22	21
15 TOTAL SMALL THERMAL & MISC.		53	50	50	37	41	145	151	157	149	51	50	50	25	24

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES
2000- 1 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	3	3	3	3	0	0	0	0	0
7 SHUFFLETON	PSP&L	0	0	0	0	0	86	86	86	86	0	0	0	0	0
8 BIRD REGIONAL	MONT	17	17	17	0	0	18	20	22	20	17	15	18	23	21
9 CORETTE REGIONAL	MONT	44	42	42	41	45	46	51	55	50	43	37	45	0	0
10 SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 TOTAL SMALL THERMAL & MISC.		71	68	68	50	54	162	169	175	167	69	61	72	32	30
TOTAL SMALL THERMAL & MISC.															
12 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUBLIC AGENCIES		3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 PRIVATE UTILITIES		68	65	65	47	51	159	166	172	164	66	58	69	29	27
15 TOTAL SMALL THERMAL & MISC.		71	68	68	50	54	162	169	175	167	69	61	72	32	30

TABLE A-6

SMALL THERMAL AND MISCELLANEOUS RESOURCES
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 DIESEL 1	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2 DIESEL 2	BONFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3 NO NAME	BONFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 SUMMIT 1&2	PGE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 CRYSTAL MOUNTAIN	PSP&L	0	0	0	0	0	3	3	3	3	0	0	0	0	0
7 SHUFFLETON	PSP&L	0	0	0	0	0	86	86	86	86	0	0	0	0	0
8 BIRD REGIONAL	MONT	26	25	25	0	0	27	29	31	29	25	26	26	37	33
9 CORETTE REGIONAL	MONT	66	63	63	62	68	68	74	78	72	64	65	65	0	0
10 SEATTLE BOUNDRY	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 TOTAL SMALL THERMAL & MISC.		101	98	98	72	77	192	201	206	198	98	101	101	46	42
TOTAL SMALL THERMAL & MISC.															
12 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PUBLIC AGENCIES		3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 PRIVATE UTILITIES		98	95	95	68	74	189	198	203	195	95	98	97	43	39
15 TOTAL SMALL THERMAL & MISC.		101	98	98	72	77	192	201	206	198	98	101	101	46	42

TABLE A-7

COMBUSTION TURBINES
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WOOD RIVER	ID	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2 BETHEL	PGE	103	103	103	105	109	113	115	116	115	113	110	110	107	105
3 BEAVER	PGE	411	411	411	500	511	524	530	534	529	323	428	428	423	417
4 WHIDBEY ISLAND	PSP&L	0	0	0	0	0	29	29	29	29	0	0	0	0	0
5 WHITEHORN	PSP&L	0	0	0	0	0	246	246	246	246	0	0	0	0	0
6 FREDRICKSON	PSP&L	0	0	0	0	0	178	178	178	178	0	0	0	0	0
7 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	0	247	247	247	247	0	0	0	0	0
8 NORTHEAST UNITS 1&2	WWP	59	59	59	59	68	68	68	68	68	68	59	59	59	59
9 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
TOTAL COMBUSTION TURBINES															
10 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PRIVATE UTILITIES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630

TABLE A-7

COMBUSTION TURBINES
1995-96 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WOOD RIVER	ID	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2 BETHEL	PGE	103	103	103	105	109	113	115	116	115	113	110	110	107	105
3 BEAVER	PGE	411	411	411	500	511	524	530	534	529	323	428	428	423	417
4 WHIDBEY ISLAND	PSP&L	0	0	0	0	0	29	29	29	29	0	0	0	0	0
5 WHITEHORN	PSP&L	0	0	0	0	0	246	246	246	246	0	0	0	0	0
6 FREDRICKSON	PSP&L	0	0	0	0	0	178	178	178	178	0	0	0	0	0
7 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	0	247	247	247	247	0	0	0	0	0
8 NORTHEAST UNITS 1&2	WWP	59	59	59	59	68	68	68	68	68	68	59	59	59	59
9 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
TOTAL COMBUSTION TURBINES															
10 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PRIVATE UTILITIES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630

TABLE A-7

COMBUSTION TURBINES
2000- 1 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WOOD RIVER	ID	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2 BETHEL	PGE	103	103	103	105	109	113	115	116	115	113	110	110	107	105
3 BEAVER	PGE	411	411	411	500	511	524	530	534	529	323	428	428	423	417
4 WHIDBEY ISLAND	PSP&L	0	0	0	0	0	29	29	29	29	0	0	0	0	0
5 WHITEHORN	PSP&L	0	0	0	0	0	246	246	246	246	0	0	0	0	0
6 FREDRICKSON	PSP&L	0	0	0	0	0	178	178	178	178	0	0	0	0	0
7 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	0	247	247	247	247	0	0	0	0	0
8 NORTHEAST UNITS 1&2	WWP	59	59	59	59	68	68	68	68	68	68	59	59	59	59
9 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
TOTAL COMBUSTION TURBINES															
10 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PRIVATE UTILITIES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630

TABLE A-7

COMBUSTION TURBINES
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WOOD RIVER	ID	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2 BETHEL	PGE	103	103	103	105	109	113	115	116	115	113	110	110	107	105
3 BEAVER	PGE	411	411	411	500	511	524	530	534	529	323	428	428	423	417
4 WHIDBEY ISLAND	PSP&L	0	0	0	0	0	29	29	29	29	0	0	0	0	0
5 WHITEHORN	PSP&L	0	0	0	0	0	246	246	246	246	0	0	0	0	0
6 FREDRICKSON	PSP&L	0	0	0	0	0	178	178	178	178	0	0	0	0	0
7 FREDONIA UNITS 1&2	PSP&L	0	0	0	0	0	247	247	247	247	0	0	0	0	0
8 NORTHEAST UNITS 1&2	WWP	59	59	59	59	68	68	68	68	68	68	59	59	59	59
9 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
TOTAL COMBUSTION TURBINES															
10 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PUBLIC AGENCIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PRIVATE UTILITIES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630
13 TOTAL COMBUSTION TURBINES		622	622	622	714	738	1454	1462	1467	1461	554	647	647	638	630

TABLE A-8

RENEWABLE RESOURCES
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 SHORT MOUNTAIN	EMRD	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	47	0	47
3 TOTAL RENEWABLE RESOURCES		48	48	48	49	49	49	49	49	49	49	49	49	2	49
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	2	2	2	2	2	2	2	2
6 PRIVATE UTILITIES		47	47	47	47	47	47	47	47	47	47	47	47	0	47
7 TOTAL RENEWABLE RESOURCES		48	48	48	49	49	49	49	49	49	49	49	49	2	49

TABLE A-8

RENEWABLE RESOURCES
1995-96 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 SHORT MOUNTAIN	EMRD	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	47	0	47
3 TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	49	49	49	49	49	49	2	49
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	2	2	2	2	2	2	2	2
6 PRIVATE UTILITIES		47	47	47	47	47	47	47	47	47	47	47	47	0	47
7 TOTAL RENEWABLE RESOURCES		49	49	49	49	49	49	49	49	49	49	49	49	2	49

TABLE A-8

RENEWABLE RESOURCES
2000- 1 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 SHORT MOUNTAIN	EMRD	3	3	3	3	3	3	3	3	3	3	3	3	3	3
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	47	0	47
3 TOTAL RENEWABLE RESOURCES		50	50	50	50	50	50	50	50	50	50	50	50	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		3	3	3	3	3	3	3	3	3	3	3	3	3	3
6 PRIVATE UTILITIES		47	47	47	47	47	47	47	47	47	47	47	47	0	47
7 TOTAL RENEWABLE RESOURCES		50	50	50	50	50	50	50	50	50	50	50	50	3	50

TABLE A-8

RENEWABLE RESOURCES
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 SHORT MOUNTAIN	EMRD	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 KETTLE FALLS	WWP	47	47	47	47	47	47	47	47	47	47	47	47	0	47
3 TOTAL RENEWABLE RESOURCES		50	50	50	50	50	50	50	50	50	50	50	50	4	50
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 PRIVATE UTILITIES		47	47	47	47	47	47	47	47	47	47	47	47	0	47
7 TOTAL RENEWABLE RESOURCES		50	50	50	50	50	50	50	50	50	50	50	50	4	50

TABLE A-9

COGENERATION
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 GREAT WESTERN MALTING	CLRK	16	16	16	16	17	17	17	17	17	17	17	17	16	16
2 WEYCO ENERGY CENTER	EWEB	0	20	20	20	20	20	0	20	20	20	20	20	20	20
3 WILLAMETTE STEAM PLT	EWEB	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4 METRO WESTPOINT	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	38	38	38
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
6 LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
7 TOTAL COGENERATION		125	145	145	146	146	146	127	147	147	146	146	146	146	145
TOTAL COGENERATION															
8 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PUBLIC AGENCIES		80	100	100	101	101	101	82	102	102	101	101	101	101	100
10 PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
12 TOTAL COGENERATION		125	145	145	146	146	146	127	147	147	146	146	146	146	145

TABLE A-9

COGENERATION
1995-96 LEVEL

PEAK IN MEGAWATTS			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	GREAT WESTERN MALTING	CLRK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	WEYCO ENERGY CENTER	EWEB	0	20	20	20	20	20	0	20	20	20	20	20	20	20
3	WILLAMETTE STEAM PLT	EWEB	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4	METRO WESTPOINT	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	38	38	38
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION																
6	LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
7	TOTAL COGENERATION		109	129	129	129	129	129	109	129	129	129	129	129	129	129
TOTAL COGENERATION																
8	FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	PUBLIC AGENCIES		64	84	84	84	84	84	64	84	84	84	84	84	84	84
10	PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
12	TOTAL COGENERATION		109	129	129	129	129	129	109	129	129	129	129	129	129	129

TABLE A-9

COGENERATION
2000- 1 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 GREAT WESTERN MALTING	CLRK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 WEYCO ENERGY CENTER	EWEB	0	20	20	20	20	20	0	20	20	20	20	20	20	20
3 WILLAMETTE STEAM PLT	EWEB	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4 METRO WESTPOINT	SCL	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	38	38	38
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
6 LONGVIEW FIBRE FOR WAPA	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
7 TOTAL COGENERATION		109	129	129	129	129	129	109	129	129	129	129	129	129	129
TOTAL COGENERATION															
8 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PUBLIC AGENCIES		64	84	84	84	84	84	64	84	84	84	84	84	84	84
10 PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 NON-NORTHWEST UTILITIES	*	45	45	45	45	45	45	45	45	45	45	45	45	45	45
12 TOTAL COGENERATION		109	129	129	129	129	129	109	129	129	129	129	129	129	129

TABLE A-9

COGENERATION
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 GREAT WESTERN MALTING	CLRK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 WEYCO ENERGY CENTER	EWEB	0	20	20	20	20	20	0	20	20	20	20	20	20	20
3 WILLAMETTE STEAM PLT	EWEB	25	25	25	25	25	25	25	25	25	25	25	25	25	25
4 METRO WESTPOINT	SCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 STEAM PLANT 2	TCL	38	38	38	38	38	38	38	38	38	38	38	38	38	38
THE FOLLOWING RESOURCE IS SOLD OUTSIDE THE REGION															
6 LONGVIEW FIBRE FOR WAPA	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL COGENERATION		63	83	83	83	83	83	63	83	83	83	83	83	83	83
TOTAL COGENERATION															
8 FEDERAL SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PUBLIC AGENCIES		63	83	83	83	83	83	63	83	83	83	83	83	83	83
10 PRIVATE UTILITIES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 NON-NORTHWEST UTILITIES	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL COGENERATION		63	83	83	83	83	83	63	83	83	83	83	83	83	83

TABLE A-10

LARGE THERMAL
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
2 PNGC SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
3 PGE SHARE 65.8 %	349	349	349	349	349	349	349	349	349	0	0	349	349	349
SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE														
4 SDG&E SHARE 14.2 % *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
5 BOARDMAN	530	530	530	530	530	530	530	530	530	0	0	530	530	530
CENTRALIA, COAL														
6 PP&L SHARE 47.5 %	608	608	608	608	608	608	608	608	608	608	304	304	304	608
7 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	32	16	16	16	32
8 PSP&L SHARE 7.0 %	141	141	141	141	141	141	141	141	141	141	70	70	70	141
9 SEATTLE SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
10 TACOMA SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 WWP SHARE 15.0 %	192	192	192	192	192	192	192	192	192	192	96	96	96	192
12 SNOHOM SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
13 GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CENTRALIA	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
COLSTRIP 1&2, COAL														
15 MONTANA SHARE IN REGION	61	58	58	55	62	67	75	84	72	59	29	36	41	61
16 PSP&L SHARE	317	317	317	317	317	317	317	317	317	317	157	160	160	317
17 COLSTRIP 1&2	378	375	375	372	379	384	392	401	389	376	186	196	201	378
COLSTRIP 3, COAL														
18 PP&L SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	0	0	70
19 PGE SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	0	0	140
20 PSP&L SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	0	0	175
21 MONTANA SHARE IN REGION	40	38	38	36	41	44	49	55	47	39	38	0	0	40
22 WWP SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	0	0	105
23 COLSTRIP 3	530	528	528	526	531	534	539	545	537	529	528	0	0	530

TABLE A-10 (CONTINUED)

LARGE THERMAL
1990-91 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COLSTRIP 4, COAL															
24 PP&L	SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	70	0	0
25 PGE	SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	140	0	0
26 PSP&L	SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	175	0	0
27 WWP	SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	105	0	0
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
28 MONTANA SHARE IN REGION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	490	0	0
JIM BRIDGER, COAL															
30 IDAHO	SHARE 33%	686	686	686	516	686	686	686	686	686	686	514	514	514	688
TROJAN, NUCLEAR															
31 BPA	SHARE 30.0 %	331	331	331	331	331	331	331	331	331	331	331	0	0	331
32 PP&L	SHARE 2.5 %	28	28	28	28	28	28	28	28	28	28	28	0	0	28
33 PGE	SHARE 67.5 %	745	745	745	745	745	745	745	745	745	745	745	0	0	745
34 TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
WNP 2, NUCLEAR															
35 FEDERAL	SHARE 100.0%	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
VALMY, COAL															
36 IDAHO	SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
37 TOTAL LARGE THERMAL		6335	6331	6331	6155	6338	6346	6358	6373	6353	5802	4799	2612	2127	5847
TOTAL LARGE THERMAL															
38 FEDERAL SYSTEM		1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
39 PUBLIC AGENCIES		360	360	360	360	360	360	360	360	360	307	154	207	207	360
40 PRIVATE UTILITIES		4473	4469	4469	4293	4476	4484	4496	4511	4491	4069	3219	2330	1845	3985
41 NON-NORTHWEST UTILITIES	*	75	75	75	75	75	75	75	75	75	0	0	75	75	75
42 TOTAL LARGE THERMAL		6335	6331	6331	6155	6338	6346	6358	6373	6353	5802	4799	2612	2127	5847

TABLE A-10

SHEET 1 OF 2

LARGE THERMAL
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
2 PNGC SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
3 PGE SHARE 65.8 %	349	349	349	349	349	349	349	349	349	0	0	349	349	349
SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE														
4 SDG&E SHARE 14.2 % *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
5 BOARDMAN	530	530	530	530	530	530	530	530	530	0	0	530	530	530
CENTRALIA, COAL														
6 PP&L SHARE 47.5 %	608	608	608	608	608	608	608	608	608	608	304	304	304	608
7 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	32	16	16	16	32
8 PSP&L SHARE 7.0 %	141	141	141	141	141	141	141	141	141	141	70	70	70	141
9 SEATTLE SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
10 TACOMA SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 WWP SHARE 15.0 %	192	192	192	192	192	192	192	192	192	192	96	96	96	192
12 SNOHOM SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
13 GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CENTRALIA	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
COLSTRIP 1&2, COAL														
15 MONTANA SHARE IN REGION	65	62	62	59	67	71	79	89	77	63	31	30	43	81
16 PSP&L SHARE	317	317	317	317	317	317	317	317	317	317	160	157	157	317
17 COLSTRIP 1&2	382	379	379	376	384	388	396	406	394	380	191	187	200	398
COLSTRIP 3, COAL														
18 PP&L SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	70	0	0
19 PGE SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	140	0	0
20 PSP&L SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	175	0	0
21 MONTANA SHARE IN REGION	43	41	41	39	45	47	53	59	51	42	41	40	0	0
22 WWP SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	105	0	0
23 COLSTRIP 3	533	531	531	529	535	537	543	549	541	532	531	530	0	0

TABLE A-10 (CONTINUED)

LARGE THERMAL
1995-96 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COLSTRIP 4, COAL															
24 PP&L	SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	0	70	70
25 PGE	SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	0	140	140
26 PSP&L	SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	0	175	175
27 WWP	SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	0	105	105
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
28 MONTANA SHARE IN REGION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	0	490	490
JIM BRIDGER, COAL															
30 IDAHO	SHARE 33%	688	688	688	688	688	688	688	688	688	516	516	516	516	688
TROJAN, NUCLEAR															
31 BPA	SHARE 30.0 %	331	331	331	331	331	331	331	331	331	331	331	0	0	331
32 PP&L	SHARE 2.5 %	28	28	28	28	28	28	28	28	28	28	28	0	0	28
33 PGE	SHARE 67.5 %	745	745	745	745	745	745	745	745	745	745	745	0	0	745
34 TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
WNP 2, NUCLEAR															
35 FEDERAL	SHARE 100.0%	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
VALMY, COAL															
36 IDAHO	SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
37 TOTAL LARGE THERMAL		6345	6339	6339	6333	6348	6354	6368	6384	6363	5639	4808	2646	2618	5827
TOTAL LARGE THERMAL															
38 FEDERAL SYSTEM		1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
39 PUBLIC AGENCIES		360	360	360	360	360	360	360	360	360	307	154	207	207	360
40 PRIVATE UTILITIES		4483	4477	4478	4472	4486	4492	4506	4523	4502	3905	3229	2364	2336	3965
41 NON-NORTHWEST UTILITIES	*	75	75	75	75	75	75	75	75	75	0	0	75	75	75
42 TOTAL LARGE THERMAL		6345	6339	6339	6333	6348	6354	6368	6384	6363	5639	4808	2646	2618	5827

TABLE A-10

LARGE THERMAL
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
2 PNGC SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
3 PGE SHARE 65.8 %	349	349	349	349	349	349	349	349	349	0	0	349	349	349
SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE														
4 SDG&E SHARE 14.2 % *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
5 BOARDMAN	530	530	530	530	530	530	530	530	530	0	0	530	530	530
CENTRALIA, COAL														
6 PP&L SHARE 47.5 %	608	608	608	608	608	608	608	608	608	608	304	304	304	608
7 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	32	16	16	16	32
8 PSP&L SHARE 7.0 %	141	141	141	141	141	141	141	141	141	141	70	70	70	141
9 SEATTLE SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
10 TACOMA SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 WWP SHARE 15.0 %	192	192	192	192	192	192	192	192	192	192	96	96	96	192
12 SNOHOM SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
13 GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CENTRALIA	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
COLSTRIP 1&2, COAL														
15 MONTANA SHARE IN REGION	92	88	88	86	95	97	107	116	104	89	78	94	0	56
16 PSP&L SHARE	317	317	317	317	317	317	317	317	317	317	317	317	0	160
17 COLSTRIP 1&2	409	405	405	403	412	414	424	433	421	406	395	411	0	216
COLSTRIP 3, COAL														
18 PP&L SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	0	70	70
19 PGE SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	0	140	140
20 PSP&L SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	0	175	175
21 MONTANA SHARE IN REGION	61	59	59	57	63	64	71	77	69	59	52	0	79	73
22 WWP SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	0	105	105
23 COLSTRIP 3	551	549	549	547	553	554	561	567	559	549	542	0	569	563

TABLE A-10 (CONTINUED)

LARGE THERMAL
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COLSTRIP 4, COAL														
24 PP&L SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	70	0	0
25 PGE SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	140	0	0
26 PSP&L SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	175	0	0
27 WWP SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	105	0	0
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS														
28 MONTANA SHARE IN REGION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4	490	490	490	490	490	490	490	490	490	490	490	490	0	0
JIM BRIDGER, COAL														
30 IDAHO SHARE 33%	688	688	688	516	688	688	688	688	688	516	516	516	516	516
TROJAN, NUCLEAR														
31 BPA SHARE 30.0 %	331	331	331	331	331	331	331	331	331	331	331	0	0	331
32 PP&L SHARE 2.5 %	28	28	28	28	28	28	28	28	28	28	28	0	0	28
33 PGE SHARE 67.5 %	745	745	745	745	745	745	745	745	745	745	745	0	0	745
34 TROJAN	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
WNP 2, NUCLEAR														
35 FEDERAL SHARE 100.0%	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
VALMY, COAL														
36 IDAHO SHARE 50% OUTPUT	242	242	242	242	242	242	242	242	242	242	242	242	242	242
37 TOTAL LARGE THERMAL	6390	6383	6383	6207	6394	6398	6414	6429	6409	5683	5024	2829	2497	5545
TOTAL LARGE THERMAL														
38 FEDERAL SYSTEM	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
39 PUBLIC AGENCIES	360	360	360	360	360	360	360	360	360	307	154	207	207	360
40 PRIVATE UTILITIES	4528	4521	4521	4345	4532	4536	4552	4567	4547	3949	3444	2547	2215	3684
41 NON-NORTHWEST UTILITIES *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
42 TOTAL LARGE THERMAL	6390	6383	6383	6207	6394	6398	6414	6429	6409	5683	5024	2829	2497	5545

TABLE A-10

LARGE THERMAL
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BOARDMAN, COAL														
1 IDAHO SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
2 PNGC SHARE 10.0 %	53	53	53	53	53	53	53	53	53	0	0	53	53	53
3 PGE SHARE 65.8 %	349	349	349	349	349	349	349	349	349	0	0	349	349	349
SDG&E SHARE OF BOARDMAN IS NOT A REGIONAL RESOURCE														
4 SDG&E SHARE 14.2 % *	75	75	75	75	75	75	75	75	75	0	0	75	75	75
5 BOARDMAN	530	530	530	530	530	530	530	530	530	0	0	530	530	530
CENTRALIA, COAL														
6 PP&L SHARE 47.5 %	608	608	608	608	608	608	608	608	608	608	304	304	304	608
7 PGE SHARE 2.5 %	32	32	32	32	32	32	32	32	32	32	16	16	16	32
8 PSP&L SHARE 7.0 %	141	141	141	141	141	141	141	141	141	141	70	70	70	141
9 SEATTLE SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
10 TACOMA SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 WWP SHARE 15.0 %	192	192	192	192	192	192	192	192	192	192	96	96	96	192
12 SNOHOM SHARE 8.0 %	102	102	102	102	102	102	102	102	102	102	51	51	51	102
13 GHARBOR SHARE 4.0% TO PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CENTRALIA	1280	1280	1280	1280	1280	1280	1280	1280	1280	1280	640	640	640	1280
COLSTRIP 1&2, COAL														
15 MONTANA SHARE IN REGION	138	133	133	131	142	142	155	163	151	134	69	68	98	176
16 PSP&L SHARE	317	317	317	317	317	317	317	317	317	317	160	157	157	317
17 COLSTRIP 1&2	455	450	450	448	459	459	472	480	468	451	229	225	255	493
COLSTRIP 3, COAL														
18 PP&L SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	70	0	0
19 PGE SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	140	0	0
20 PSP&L SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	175	0	0
21 MONTANA SHARE IN REGION	91	88	88	87	94	94	103	108	100	89	91	91	0	0
22 WWP SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	105	0	0
23 COLSTRIP 3	581	578	578	577	584	584	593	598	590	579	581	581	0	0

TABLE A-10 (CONTINUED)

LARGE THERMAL
2009-10 LEVEL

PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COLSTRIP 4, COAL															
24 PP&L	SHARE 10.0 %	70	70	70	70	70	70	70	70	70	70	70	70	0	0
25 PGE	SHARE 20.0 %	140	140	140	140	140	140	140	140	140	140	140	140	0	0
26 PSP&L	SHARE 25.0 %	175	175	175	175	175	175	175	175	175	175	175	175	0	0
27 WWP	SHARE 15.0 %	105	105	105	105	105	105	105	105	105	105	105	105	0	0
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
28 MONTANA SHARE IN REGION		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 COLSTRIP 4		490	490	490	490	490	490	490	490	490	490	490	490	0	0
JIM BRIDGER, COAL															
30 IDAHO	SHARE 33%	688	688	688	688	688	688	688	688	688	516	516	516	516	688
TROJAN, NUCLEAR															
31 BPA	SHARE 30.0 %	331	331	331	331	331	331	331	331	331	331	331	0	0	331
32 PP&L	SHARE 2.5 %	28	28	28	28	28	28	28	28	28	28	28	0	0	28
33 PGE	SHARE 67.5 %	745	745	745	745	745	745	745	745	745	745	745	0	0	745
34 TROJAN		1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	0	0	1104
WNP 2, NUCLEAR															
35 FEDERAL	SHARE 100.0%	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	1095	0	0	1095
VALMY, COAL															
36 IDAHO	SHARE 50% OUTPUT	242	242	242	242	121	121	242	242	242	242	242	242	121	121
37 TOTAL LARGE THERMAL		6465	6457	6457	6454	6351	6351	6494	6508	6487	5756	4897	3224	2062	5311
TOTAL LARGE THERMAL															
38 FEDERAL SYSTEM		1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	1426	0	0	1426
39 PUBLIC AGENCIES		360	360	360	360	360	360	360	360	360	307	154	207	207	360
40 PRIVATE UTILITIES		4604	4596	4596	4592	4490	4490	4633	4646	4625	4023	3318	2942	1780	3449
41 NON-NORTHWEST UTILITIES	*	75	75	75	75	75	75	75	75	75	0	0	75	75	75
42 TOTAL LARGE THERMAL		6465	6457	6457	6454	6351	6351	6494	6508	6487	5756	4897	3224	2062	5311

TABLE A-11

RESTORATION
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WWP	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 PRIVATE 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
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WWP	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 PRIVATE 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
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WWP	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 PRIVATE 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
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 BPA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 COWLIZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 WWP	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 PRIVATE 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
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	762	762	762	762	762	762	762	762	762	762	698	698	698	698
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	8	8	8	8	8	8	8	8	8	8	7	7	7	7
3 PGE CER FOR PRIEST R.	8	8	8	8	8	8	8	8	8	8	7	7	7	7
4 PSP&L CER FOR PRIEST R.	5	5	5	5	5	5	5	5	5	5	4	4	4	4
5 SEATTL CER FOR PRIEST R.	5	5	5	5	5	5	5	5	5	5	4	4	4	4
6 TACOMA CER FOR PRIEST R.	5	5	5	5	5	5	5	5	5	5	4	4	4	4
7 WWP CER FOR PRIEST R.	4	4	4	4	4	4	4	4	4	4	3	3	3	3
8 GRANT CER FOR PRIEST R.	21	21	21	21	21	21	21	21	21	21	19	19	19	19
9 EUGENE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	58	58	58	58	58	58	58	58	58	58	53	53	53	53
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	13	13	13	13	13	13	13	13	13	13	12	12	12	12
17 PGE CER FOR WANAPUM	13	13	13	13	13	13	13	13	13	13	12	12	12	12
18 PSP&L CER FOR WANAPUM	8	8	8	8	8	8	8	8	8	8	7	7	7	7
19 WWP CER FOR WANAPUM	6	6	6	6	6	6	6	6	6	6	5	5	5	5
20 GRANT CER FOR WANAPUM	26	26	26	26	26	26	26	26	26	26	23	23	23	23
21 EUGENE CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	1	1	1	1
22 COWLIZ CER FOR WANAPUM	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	71	71	71	71	71	71	71	71	71	71	64	64	64	64
ROCK ISLAND CANADIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28 PSP&L CER FOR ROCK ISLAND	5	5	5	5	5	5	5	5	5	5	4	4	4	4
29 ROCK I CANADIAN ENTITLEMENT	7	7	7	7	7	7	7	7	7	7	5	5	5	5

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
ROCKY REACH CANADIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	4	4	4	4	4	4	4	4	4	4	3	3	3	3
31 PGE CER FOR ROCKY REACH	9	9	9	9	9	9	9	9	9	9	8	8	8	8
32 PSP&L CER FOR ROCKY REACH	28	28	28	28	28	28	28	28	28	28	25	25	25	25
33 WWP CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
34 DOUGLS CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
35 CHELAN CER FOR ROCKY REACH	11	11	11	11	11	11	11	11	11	11	10	10	10	10
36 COLOCK CER FOR ROCKY REACH	17	17	17	17	17	17	17	17	17	17	15	15	15	15
37 ROCKY REACH CANADIAN ENT	72	72	72	72	72	72	72	72	72	72	65	65	65	65
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	4	4	4	4	4	4	4	4	4	4	3	3	3	3
39 PGE CER FOR WELLS	11	11	11	11	11	11	11	11	11	11	10	10	10	10
40 PSP&L CER FOR WELLS	17	17	17	17	17	17	17	17	17	17	15	15	15	15
41 WWP CER FOR WELLS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
42 DOUGLS CER FOR WELLS	11	11	11	11	11	11	11	11	11	11	10	10	10	10
43 OKANOG CER FOR WELLS	7	7	7	7	7	7	7	7	7	7	7	7	7	7
44 WELLS CANADIAN ENTITLEMENT	52	52	52	52	52	52	52	52	52	52	47	47	47	47
45 TOTAL CANADIAN ENT	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	932	932	932	932
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	762	762	762	762	762	762	762	762	762	762	698	698	698	698
47 PUBLIC AGENCIES W/COLOCKUM	115	115	115	115	115	115	115	115	115	115	104	104	104	104
48 PRIVATE UTILITIES	145	145	145	145	145	145	145	145	145	145	130	130	130	130
49 TOTAL	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	932	932	932	932

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	438	438	438	438	438	438	438	438	438	438	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.	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
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	11	9	9	9	9
9 EUGENE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	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	31	26	26	26	26
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	7	7	7	7	7	7	7	7	7	7	6	6	6	6
17 PGE CER FOR WANAPUM	7	7	7	7	7	7	7	7	7	7	6	6	6	6
18 PSP&L CER FOR WANAPUM	4	4	4	4	4	4	4	4	4	4	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	14	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	39	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
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

PEAK IN MEGAWATTS	1995-96 LEVEL JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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	5	5	5	5	5	5	5	5	5	5	4	4	4	4
32 PSP&L CER FOR ROCKY REACH	15	15	15	15	15	15	15	15	15	15	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	6	5	5	5	5
36 COLOCK CER FOR ROCKY REACH	9	9	9	9	9	9	9	9	9	9	7	7	7	7
37 ROCKY REACH CANADIAN ENT	38	38	38	38	38	38	38	38	38	38	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	6	5	5	5	5
40 PSP&L CER FOR WELLS	9	9	9	9	9	9	9	9	9	9	7	7	7	7
41 WWP CER FOR WELLS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42 DOUGLS CER FOR WELLS	6	6	6	6	6	6	6	6	6	6	5	5	5	5
43 OKANOG CER FOR WELLS	4	4	4	4	4	4	4	4	4	4	3	3	3	3
44 WELLS CANADIAN ENTITLEMENT	28	28	28	28	28	28	28	28	28	28	23	23	23	23
45 TOTAL CANADIAN ENT	576	576	576	576	576	576	576	576	576	576	486	486	486	486
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	438	438	438	438	438	438	438	438	438	438	371	371	371	371
47 PUBLIC AGENCIES W/COLOCKUM	61	61	61	61	61	61	61	61	61	61	51	51	51	51
48 PRIVATE UTILITIES	77	77	77	77	77	77	77	77	77	77	64	64	64	64
49 TOTAL	576	576	576	576	576	576	576	576	576	576	486	486	486	486

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	149	149	149	149	149	149	149	149	149	149	145	145	145	145
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.	3	3	3	3	3	3	3	3	3	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	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
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	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
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	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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	1	1	1	1	1	1	1	1	1	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	12	12	12	12	12	12	12	12	12	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	8	8	8	8
45 TOTAL CANADIAN ENT	192	192	192	192	192	192	192	192	192	192	187	187	187	187
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	149	149	149	149	149	149	149	149	149	149	145	145	145	145
47 PUBLIC AGENCIES W/COLOCKUM	19	19	19	19	19	19	19	19	19	19	19	19	19	19
48 PRIVATE UTILITIES	24	24	24	24	24	24	24	24	24	24	23	23	23	23
49 TOTAL	192	192	192	192	192	192	192	192	192	192	187	187	187	187

TABLE A-12

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

PEAK IN MEGAWATTS	2009-10 LEVEL JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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

TABLE A-12 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CSPE
RETURN FOR CSPE LASTS THROUGH CONTRACT YEAR 2002-03

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 PRIVATE 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

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	10	10	10	10	10	10	10	10	10	10	9	9	9	9
2 CLARK	31	31	31	31	31	31	31	31	31	31	28	28	28	28
3 COWLITZ	26	26	26	26	26	26	26	26	26	26	23	23	23	23
4 DOUGLAS	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5 EUGENE	56	56	56	56	56	56	56	56	56	56	51	51	51	51
6 GRANT	5	5	5	5	5	5	5	5	5	5	4	4	4	4
7 GRAYS HARBOR	15	15	15	15	15	15	15	15	15	15	14	14	14	14
8 OTHER PUBLIC AGENCIES	94	94	94	94	94	94	94	94	94	94	85	85	85	85
9 PEND OREILLE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10 PGE	179	179	179	179	179	179	179	179	179	179	163	163	163	163
11 PP&L	102	102	102	102	102	102	102	102	102	102	93	93	93	93
12 PSP&L	179	179	179	179	179	179	179	179	179	179	163	163	163	163
13 SEATTLE	128	128	128	128	128	128	128	128	128	128	116	116	116	116
14 SNOHOMISH	15	15	15	15	15	15	15	15	15	15	14	14	14	14
15 TACOMA	128	128	128	128	128	128	128	128	128	128	116	116	116	116
16 WWP	51	51	51	51	51	51	51	51	51	51	47	47	47	47
17 TOTAL CSPE PURCHASE	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	932	932	932	932
TOTAL CSPE PURCHASE														
18 PUBLIC AGENCIES	511	511	511	511	511	511	511	511	511	511	466	466	466	466
19 PRIVATE UTILITIES	511	511	511	511	511	511	511	511	511	511	466	466	466	466
20 TOTAL	1022	1022	1022	1022	1022	1022	1022	1022	1022	1022	932	932	932	932

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	6	6	6	6	6	6	6	6	6	6	5	5	5	5
2 CLARK	17	17	17	17	17	17	17	17	17	17	15	15	15	15
3 COWLITZ	14	14	14	14	14	14	14	14	14	14	12	12	12	12
4 DOUGLAS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 EUGENE	32	32	32	32	32	32	32	32	32	32	27	27	27	27
6 GRANT	3	3	3	3	3	3	3	3	3	3	2	2	2	2
7 GRAYS HARBOR	9	9	9	9	9	9	9	9	9	9	7	7	7	7
8 OTHER PUBLIC AGENCIES	53	53	53	53	53	53	53	53	53	53	44	44	44	44
9 PEND OREILLE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 PGE	101	101	101	101	101	101	101	101	101	101	85	85	85	85
11 PP&L	58	58	58	58	58	58	58	58	58	58	49	49	49	49
12 PSP&L	101	101	101	101	101	101	101	101	101	101	85	85	85	85
13 SEATTLE	72	72	72	72	72	72	72	72	72	72	61	61	61	61
14 SNOHOMISH	9	9	9	9	9	9	9	9	9	9	7	7	7	7
15 TACOMA	72	72	72	72	72	72	72	72	72	72	61	61	61	61
16 WWP	29	29	29	29	29	29	29	29	29	29	24	24	24	24
17 TOTAL CSPE PURCHASE	576	576	576	576	576	576	576	576	576	576	486	486	486	486
TOTAL CSPE PURCHASE														
18 PUBLIC AGENCIES	288	288	288	288	288	288	288	288	288	288	243	243	243	243
19 PRIVATE UTILITIES	288	288	288	288	288	288	288	288	288	288	243	243	243	243
20 TOTAL	576	576	576	576	576	576	576	576	576	576	486	486	486	486

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 CLARK	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3 COWLITZ	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	11	11	11	11	11	11	11	11	11	11	10	10	10	10
6 GRANT	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 GRAYS HARBOR	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	18	17	17	17	17
9 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	34	34	34	34	34	34	34	34	34	34	33	33	33	33
11 PP&L	19	19	19	19	19	19	19	19	19	19	19	19	19	19
12 PSP&L	34	34	34	34	34	34	34	34	34	34	33	33	33	33
13 SEATTLE	24	24	24	24	24	24	24	24	24	24	23	23	23	23
14 SNOHOMISH	3	3	3	3	3	3	3	3	3	3	3	3	3	3
15 TACOMA	24	24	24	24	24	24	24	24	24	24	23	23	23	23
16 WWP	10	10	10	10	10	10	10	10	10	10	9	9	9	9
17 TOTAL CSPE PURCHASE	192	192	192	192	192	192	192	192	192	192	187	187	187	187
TOTAL CSPE PURCHASE														
18 PUBLIC AGENCIES	96	96	96	96	96	96	96	96	96	96	93	93	93	93
19 PRIVATE UTILITIES	96	96	96	96	96	96	96	96	96	96	93	93	93	93
20 TOTAL	192	192	192	192	192	192	192	192	192	192	187	187	187	187

TABLE A-13

COLUMBIA STORAGE POWER EXCHANGE (CSPE) PURCHASE

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 GRAYS HARBOR	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SNOHOMISH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 WWP	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 PRIVATE 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

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	26	26	26	26	26	26	26	26	26	26	23	23	23	23
2 COLOCKUM	33	33	33	33	33	33	33	33	33	33	30	30	30	30
3 COWLITZ	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4 DOUGLAS	26	26	26	26	26	26	26	26	26	26	24	24	24	24
5 EUGENE	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6 GRANT	94	94	94	94	94	94	94	94	94	94	85	85	85	85
7 PGE	82	82	82	82	82	82	82	82	82	82	74	74	74	74
8 PP&L	58	58	58	58	58	58	58	58	58	58	52	52	52	52
9 PSP&L	124	124	124	124	124	124	124	124	124	124	110	110	110	110
10 SEATTLE	9	9	9	9	9	9	9	9	9	9	8	8	8	8
11 TACOMA	9	9	9	9	9	9	9	9	9	9	8	8	8	8
12 WWP	27	27	27	27	27	27	27	27	27	27	24	24	24	24
13 OTHER PUBLIC AGENCIES	20	20	20	20	20	20	20	20	20	20	18	18	18	18
14 TOTAL SUPP & ENT CAPACITY	520	520	520	520	520	520	520	520	520	520	468	468	468	468
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	230	230	230	230	230	230	230	230	230	230	207	207	207	207
16 PRIVATE UTILITIES	290	290	290	290	290	290	290	290	290	290	261	261	261	261
17 TOTAL SUPP & ENT CAPACITY	520	520	520	520	520	520	520	520	520	520	468	468	468	468

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	13	13	13	13	13	13	13	13	13	13	11	11	11	11
2 COLOCKUM	17	17	17	17	17	17	17	17	17	17	15	15	15	15
3 COWLITZ	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 DOUGLAS	14	14	14	14	14	14	14	14	14	14	12	12	12	12
5 EUGENE	3	3	3	3	3	3	3	3	3	3	2	2	2	2
6 GRANT	51	51	51	51	51	51	51	51	51	51	42	42	42	42
7 PGE	44	44	44	44	44	44	44	44	44	44	37	37	37	37
8 PP&L	31	31	31	31	31	31	31	31	31	31	26	26	26	26
9 PSP&L	63	63	63	63	63	63	63	63	63	63	53	53	53	53
10 SEATTLE	5	5	5	5	5	5	5	5	5	5	4	4	4	4
11 TACOMA	5	5	5	5	5	5	5	5	5	5	4	4	4	4
12 WWP	14	14	14	14	14	14	14	14	14	14	12	12	12	12
13 OTHER PUBLIC AGENCIES	11	11	11	11	11	11	11	11	11	11	9	9	9	9
14 TOTAL SUPP & ENT CAPACITY	276	276	276	276	276	276	276	276	276	276	230	230	230	230
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	123	123	123	123	123	123	123	123	123	123	102	102	102	102
16 PRIVATE UTILITIES	153	153	153	153	153	153	153	153	153	153	128	128	128	128
17 TOTAL SUPP & ENT CAPACITY	276	276	276	276	276	276	276	276	276	276	230	230	230	230

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2 COLOCKUM	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3 COWLITZ	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 DOUGLAS	5	5	5	5	5	5	5	5	5	5	4	4	4	4
5 EUGENE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6 GRANT	15	15	15	15	15	15	15	15	15	15	15	15	15	15
7 PGE	14	14	14	14	14	14	14	14	14	14	13	13	13	13
8 PP&L	10	10	10	10	10	10	10	10	10	10	9	9	9	9
9 PSP&L	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10 SEATTLE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11 TACOMA	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 WWP	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 OTHER PUBLIC AGENCIES	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 TOTAL SUPP & ENT CAPACITY	86	86	86	86	86	86	86	86	86	86	84	84	84	84
TOTAL SUPPLEMENT & ENTITLEMENT CAPACITY														
15 PUBLIC AGENCIES	38	38	38	38	38	38	38	38	38	38	37	37	37	37
16 PRIVATE UTILITIES	48	48	48	48	48	48	48	48	48	48	47	47	47	47
17 TOTAL SUPP & ENT CAPACITY	86	86	86	86	86	86	86	86	86	86	84	84	84	84

TABLE A-14

SUPPLEMENTAL AND ENTITLEMENT CAPACITY

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 WWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 OTHER PUBLIC AGENCIES	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 PRIVATE 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
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 PRIVATE 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
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 PRIVATE 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
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
	2000- 1 LEVEL													
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	575	575	575	575	575	575	575	575	575	575	575	575	575	575
PRIEST RAPIDS CANADIAN ENTITLEMENT														
2 PP&L CER FOR PRIEST R.	6	6	6	6	6	6	6	6	6	6	6	6	6	6
3 PGE CER FOR PRIEST R.	6	6	6	6	6	6	6	6	6	6	6	6	6	6
4 PSP&L CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5 SEATTL CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3
6 TACOMA CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7 WWP CER FOR PRIEST R.	3	3	3	3	3	3	3	3	3	3	3	3	3	3
8 GRANT CER FOR PRIEST R.	16	16	16	16	16	16	16	16	16	16	16	16	16	16
9 EUGENE CER FOR PRIEST R.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	44	44	44	44	44	44	44	44	44	44	44	44	44	44
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17 PGE CER FOR WANAPUM	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18 PSP&L CER FOR WANAPUM	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19 WWP CER FOR WANAPUM	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 GRANT CER FOR WANAPUM	19	19	19	19	19	19	19	19	19	19	19	19	19	19
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	53	53	53	53	53	53	53	53	53	53	53	53	53	53
ROCK ISLAND CANDIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28 PSP&L CER FOR ROCK ISLAND	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29 ROCK I CANADIAN ENTITLEMENT	4	4	4	4	4	4	4	4	4	4	4	4	4	4

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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
31 PGE CER FOR ROCKY REACH	6	6	6	6	6	6	6	6	6	6	6	6	6	6
32 PSP&L CER FOR ROCKY REACH	21	21	21	21	21	21	21	21	21	21	21	21	21	21
33 WWP CER FOR ROCKY REACH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	8	8	8	8	8	8	8	8	8	8	8	8	8	8
36 COLOCK CER FOR ROCKY REACH	12	12	12	12	12	12	12	12	12	12	12	12	12	12
37 ROCKY REACH CANADIAN ENT	54	54	54	54	54	54	54	54	54	54	54	54	54	54
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	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
40 PSP&L CER FOR WELLS	13	13	13	13	13	13	13	13	13	13	13	13	13	13
41 WWP CER FOR WELLS	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
43 OKANOG CER FOR WELLS	6	6	6	6	6	6	6	6	6	6	6	6	6	6
44 WELLS CANADIAN ENTITLEMENT	39	39	39	39	39	39	39	39	39	39	39	39	39	39
45 TOTAL CANADIAN ENT	768	768	768	768	768	768	768	768	768	768	768	768	768	768
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	575	575	575	575	575	575	575	575	575	575	575	575	575	575
47 PUBLIC AGENCIES W/COLOCKUM	86	86	86	86	86	86	86	86	86	86	86	86	86	86
48 PRIVATE UTILITIES	107	107	107	107	107	107	107	107	107	107	107	107	107	107
49 TOTAL	768	768	768	768	768	768	768	768	768	768	768	768	768	768

TABLE A-15

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1997-98

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
BPA CANADIAN ENTITLEMENT														
1 BPA CANADIAN ENTITLEMENT	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048
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.	80	80	80	80	80	80	80	80	80	80	80	80	80	80
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	80	80	80	80	80	80	80	80	80	80	80	80	80	80
WANAPUM CANADIAN ENTITLEMENT														
16 PP&L CER FOR WANAPUM	18	18	18	18	18	0	0	0	0	0	0	0	0	0
17 PGE CER FOR WANAPUM	18	18	18	18	18	0	0	0	0	0	0	0	0	0
18 PSP&L CER FOR WANAPUM	10	10	10	10	10	0	0	0	0	0	0	0	0	0
19 WWP CER FOR WANAPUM	8	8	8	8	8	0	0	0	0	0	0	0	0	0
20 GRANT CER FOR WANAPUM	35	35	35	35	35	96	96	96	96	96	96	96	96	96
21 EUGENE CER FOR WANAPUM	2	2	2	2	2	0	0	0	0	0	0	0	0	0
22 COWLIZ CER FOR WANAPUM	3	3	3	3	3	0	0	0	0	0	0	0	0	0
23 F GROV CER FOR WANAPUM	1	1	1	1	1	0	0	0	0	0	0	0	0	0
24 MCMINN CER FOR WANAPUM	1	1	1	1	1	0	0	0	0	0	0	0	0	0
25 M FREE CER FOR WANAPUM	1	1	1	1	1	0	0	0	0	0	0	0	0	0
26 WANAPUM CANADIAN ENT	96	96	96	96	96	96	96	96	96	96	96	96	96	96
ROCK ISLAND CANDIAN ENTITLEMENT														
27 CHELAN CER FOR ROCK ISLAND	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28 PSP&L CER FOR ROCK ISLAND	4	4	4	4	4	4	4	4	4	4	4	4	4	4
29 ROCK I CANADIAN ENTITLEMENT	8	8	8	8	8	8	8	8	8	8	8	8	8	8

TABLE A-15 (CONTINUED)

CANADIAN ENTITLEMENT RETURN FOR CANADA
RETURN TO CANADA STARTS IN CONTRACT YEAR 1998-99

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
ROCKY REACH CANDIAN ENTITLEMENT														
30 PP&L CER FOR ROCKY REACH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31 PGE CER FOR ROCKY REACH	12	12	12	12	12	12	12	12	12	12	12	12	12	12
32 PSP&L CER FOR ROCKY REACH	38	38	38	38	38	38	38	38	38	38	38	38	38	38
33 WWP CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3
34 DOUGLS CER FOR ROCKY REACH	3	3	3	3	3	3	3	3	3	3	3	3	3	3
35 CHELAN CER FOR ROCKY REACH	15	15	15	15	15	15	15	15	15	15	15	15	15	15
36 COLOCK CER FOR ROCKY REACH	22	22	22	22	22	22	22	22	22	22	22	22	22	22
37 ROCKY REACH CANADIAN ENT	98	98	98	98	98	98	98	98	98	98	98	98	98	98
WELLS CANADIAN ENTITLEMENT														
38 PP&L CER FOR WELLS	5	5	5	5	5	5	5	5	5	5	5	5	5	5
39 PGE CER FOR WELLS	15	15	15	15	15	15	15	15	15	15	15	15	15	15
40 PSP&L CER FOR WELLS	23	23	23	23	23	23	23	23	23	23	23	23	23	23
41 WWP CER FOR WELLS	3	3	3	3	3	3	3	3	3	3	3	3	3	3
42 DOUGLS CER FOR WELLS	15	15	15	15	15	15	15	15	15	15	15	15	15	15
43 OKANOG CER FOR WELLS	10	10	10	10	10	10	10	10	10	10	10	10	10	10
44 WELLS CANADIAN ENTITLEMENT	71	71	71	71	71	71	71	71	71	71	71	71	71	71
45 TOTAL CANADIAN ENT	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
TOTAL CANADIAN ENTITLEMENT														
46 FEDERAL SYSTEM	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048	1048
47 PUBLIC AGENCIES W/COLOCKUM	191	191	191	191	191	245	245	245	245	245	245	245	245	245
48 PRIVATE UTILITIES	161	161	161	161	161	107	107	107	107	107	107	107	107	107
49 TOTAL	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400

TABLE A-16

CONTRACTS BETWEEN UTILITIES
1990-91 LEVEL

	PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	BPA TO CLARK, PKWD LAKE	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2	BPA TO MONT, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
3	BPA TO MONT, 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, PEAK SALE	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
6	BPA TO PP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
7	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	BPA TO PGE, PEAK SALE	250	250	250	250	250	250	250	250	250	250	250	250	250	250
9	BPA TO PGE, FALL PWR SALE	0	0	0	47	47	47	47	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
11	BPA TO PGE, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	0	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	0	7	7	7	7	0	0	0	0	0
13	BPA TO PSP&L, PS TO PWR XCH	0	0	0	0	300	300	300	300	300	300	0	0	0	0
14	BPA TO PSP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
15	BPA TO PSP&L, WNP3 SETTLE	0	0	0	0	0	82	82	82	82	82	82	82	0	0
16	BPA TO SNOHOM, PKWD LAKE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17	BPA TO WWP, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	0	82	82	82	82	41	41	41	0	0
19	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	CHELAN TO PGE,C/N TRANS/XCH	25	25	25	25	25	0	0	0	0	0	0	0	0	25
21	COLOCKUM TO PP&L, CAP/NRG X	103	103	103	103	103	103	103	103	103	103	103	103	103	103
22	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	GRANT TO PP&L, PWR SALE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	0	0	0	0	0	50	50	50	50	0	0	0	0	0
28	MONT TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	MONT TO ID, SEAS PWR XCHG	75	75	75	0	0	0	0	0	0	0	0	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	55	55	55	55	55	55	55	55	55	55	55	55	55	55
34	PP&L TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
35	PEND O TO SCL, PWR SALE	20	20	20	20	20	20	20	20	20	20	20	20	20	20
36	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PGE TO CHELAN,C/N TRANS/XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SCL TO PEND O, PWR SALE	28	28	28	28	28	28	28	28	28	28	28	28	28	28
42	SCL TO IDAHO, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	WWP TO PP&L, SANDPOINT PWR	4	4	4	4	4	5	5	5	5	4	4	4	4	4
45	WWP TO PP&L, WIDCO PWR SALE	8	8	8	8	8	8	8	8	8	8	8	8	8	8
46	WWP TO PSP&L, PWR SALE 1	55	55	55	55	55	55	55	55	55	55	55	55	55	55
47	WWP TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	TOTAL CONTRACTS	2548	2548	2548	2520	2820	3181	3181	3134	3134	2953	2653	2653	2448	2473

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL CONTRACTS OUT														
49 FEDERAL CONTRACTS OUT	1946	1946	1946	1993	2293	2628	2628	2581	2581	2451	2151	2151	1946	1946
50 PUBLIC CONTRACTS OUT W/CLOK	202	202	202	202	202	177	177	177	177	177	177	177	177	202
51 PRIVATE CONTRACTS OUT	400	400	400	325	325	376	376	376	376	325	325	325	325	325
52 TOTAL CONTRACTS OUT	2548	2548	2548	2520	2820	3181	3181	3134	3134	2953	2653	2653	2448	2473
TOTAL CONTRACTS IN														
53 FEDERAL CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PUBLIC CONTRACTS IN W/CLOK	125	125	125	125	125	125	125	125	125	125	125	125	125	125
55 PRIVATE CONTRACTS IN	2423	2423	2423	2395	2695	3056	3056	3009	3009	2828	2528	2528	2323	2348
56 TOTAL CONTRACTS IN	2548	2548	2548	2520	2820	3181	3181	3134	3134	2953	2653	2653	2448	2473

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-16

CONTRACTS BETWEEN UTILITIES
1995-96 LEVEL

	PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	BPA TO CLARK, PKWD LAKE	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2	BPA TO MONT, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
3	BPA TO MONT, 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, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
7	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	0	0
8	BPA TO PGE, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, FALL PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
11	BPA TO PGE, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	0	0
12	BPA TO PSP&L, BAKER HD LOSS	0	0	0	0	0	7	7	7	7	0	0	0	0	0
13	BPA TO PSP&L, PS TO PWR XCH	0	0	0	0	300	300	300	300	300	300	0	0	0	0
14	BPA TO PSP&L, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
15	BPA TO PSP&L, WNP3 SETTLE	0	0	0	0	0	82	82	82	82	82	82	82	0	0
16	BPA TO SNOHOM, PKWD LAKE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17	BPA TO WWP, WNP1 OBLIG	80	80	80	80	80	80	80	80	80	80	80	80	80	80
18	BPA TO WWP, WNP3 SETTLE	0	0	0	0	0	82	82	82	82	41	41	41	0	0
19	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	50	0	0	0	0	0	0	0	0	50
21	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	GRANT TO PP&L, PWR SALE	14	14	14	14	14	14	14	14	14	14	14	14	14	14
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	0	0	0	0	0	50	50	50	50	0	0	0	0	0
28	MONT TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	MONT TO ID, SEAS PWR XCHG	75	75	75	0	0	0	0	0	0	0	0	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	PP&L TO PSP&L, PWR SALE 2	200	200	200	200	200	200	200	200	200	200	200	200	200	200
35	PEND O TO SCL, PWR SALE	16	16	16	16	16	16	16	16	16	16	16	16	16	16
36	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PGE TO CHELAN,C/N TRANS/XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SCL TO PEND O, PWR SALE	32	32	32	32	32	32	32	32	32	32	32	32	32	32
42	SCL TO IDAHO, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	WWP TO PP&L, SANDPOINT PWR	4	4	4	4	4	5	5	0	0	0	0	0	0	0
45	WWP TO PP&L, WIDCO PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	WWP TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	WWP TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	TOTAL CONTRACTS	1075	1075	1075	1000	1300	1800	1800	1795	1795	1533	1233	1233	946	996

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL CONTRACTS OUT														
49 FEDERAL CONTRACTS OUT	569	569	569	569	869	1368	1368	1368	1368	1156	856	856	569	569
50 PUBLIC CONTRACTS OUT W/CLOK	124	124	124	124	124	74	74	74	74	74	74	74	74	124
51 PRIVATE CONTRACTS OUT	382	382	382	307	307	358	358	353	353	303	303	303	303	303
52 TOTAL CONTRACTS OUT	1075	1075	1075	1000	1300	1800	1800	1795	1795	1533	1233	1233	946	996
TOTAL CONTRACTS IN														
53 FEDERAL CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PUBLIC CONTRACTS IN W/CLOK	125	125	125	125	125	125	125	125	125	125	125	125	125	125
55 PRIVATE CONTRACTS IN	950	950	950	875	1175	1675	1675	1670	1670	1408	1108	1108	821	871
56 TOTAL CONTRACTS IN	1075	1075	1075	1000	1300	1800	1800	1795	1795	1533	1233	1233	946	996

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-16

CONTRACTS BETWEEN UTILITIES
2000- 1 LEVEL

	PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	BPA TO CLARK, PKWD LAKE	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2	BPA TO MONT, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MONT, 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, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	0	0
8	BPA TO PGE, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, FALL PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA TO PGE, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	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 TO PWR XCH	0	0	0	0	0	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	0	0	0	82	82	82	82	82	82	82	0	0
16	BPA TO SNOHOM, PKWD LAKE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
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	0	82	82	82	82	41	41	41	0	0
19	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	50	0	0	0	0	0	0	0	0	50
21	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	GRANT TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	MONT TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	MONT TO ID, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	PP&L TO PSP&L, PWR SALE 2	200	200	200	200	200	200	200	200	200	200	200	200	200	200
35	PEND O TO SCL, PWR SALE	12	12	12	12	12	12	12	12	12	12	12	12	12	12
36	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PGE TO CHELAN,C/N TRANS/XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PSP&L TO BPA, SEAS PWR XCHG	300	300	300	300	300	0	0	0	0	0	0	0	0	0
41	SCL TO PEND O, PWR SALE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
42	SCL TO IDAHO, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	WWP TO PP&L, WIDCO PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	WWP TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	WWP TO PSP&L, PWR SALE 2	100	100	100	100	100	100	100	100	100	100	100	100	100	100
48	TOTAL CONTRACTS	882	882	882	882	882	1324	1324	1324	1324	819	819	819	532	582

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL CONTRACTS OUT														
49 FEDERAL CONTRACTS OUT	169	169	169	169	169	961	961	961	961	456	456	456	169	169
50 PUBLIC CONTRACTS OUT W/CLOK	110	110	110	110	110	60	60	60	60	60	60	60	60	110
51 PRIVATE CONTRACTS OUT	603	603	603	603	603	303	303	303	303	303	303	303	303	303
52 TOTAL CONTRACTS OUT	882	882	882	882	882	1324	1324	1324	1324	819	819	819	532	582
TOTAL CONTRACTS IN														
53 FEDERAL CONTRACTS IN	300	300	300	300	300	0	0	0	0	0	0	0	0	0
54 PUBLIC CONTRACTS IN W/CLOK	125	125	125	125	125	125	125	125	125	125	125	125	125	125
55 PRIVATE CONTRACTS IN	457	457	457	457	457	1199	1199	1199	1199	694	694	694	407	457
56 TOTAL CONTRACTS IN	882	882	882	882	882	1324	1324	1324	1324	819	819	819	532	582

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-16

CONTRACTS BETWEEN UTILITIES
2009-10 LEVEL

	PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	BPA TO CLARK, PKWD LAKE	34	34	34	34	34	34	34	34	34	34	34	34	34	34
2	BPA TO MONT, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	BPA TO MONT, 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, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	BPA TO PP&L, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	BPA TO PP&L, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	0	0
8	BPA TO PGE, PEAK SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	BPA TO PGE, FALL PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	BPA TO PGE, WNP1 OBLIG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	BPA TO PGE, WNP3 SETTLE	0	0	0	0	0	164	164	164	164	82	82	82	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 TO PWR XCH	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
16	BPA TO SNOHOM, PKWD LAKE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
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	0	82	82	82	82	41	41	41	0	0
19	CHELAN TO DOUG, CAP/NRG XCH	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20	CHELAN TO PGE,C/N TRANS/XCH	50	50	50	50	50	0	0	0	0	0	0	0	0	50
21	COLOCKUM TO PP&L, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	COLOCKUM TO CHELAN, PK SALE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
23	DOUGLAS TO CHEL, CAP/NR XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	GRANT TO PP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	GRANT TO WWP, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	IDAHO TO SCL, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	IDAHO TO MONT,SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	MONT TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	MONT TO ID, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	N WASCO TO PSP&L,D. FISHWAY	4	4	4	4	4	4	4	4	4	4	4	4	4	4
31	PP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	PP&L TO COLOCKUM, CAP/NRG X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	PP&L TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	PP&L TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	PEND O TO SCL, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	PGE TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	PGE TO CHELAN,C/N TRANS/XCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	PGE TO PP&L, COVE REPLACE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
39	PSP&L TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	PSP&L TO BPA, SEAS PWR XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	SCL TO PEND O, PWR SALE	48	48	48	48	48	48	48	48	48	48	48	48	48	48
42	SCL TO IDAHO, ENERGY XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	WWP TO BPA, WNP3 SETTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	WWP TO PP&L, SANDPOINT PWR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	WWP TO PP&L, WIDCO PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	WWP TO PSP&L, PWR SALE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	WWP TO PSP&L, PWR SALE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48	TOTAL CONTRACTS	182	182	182	182	182	542	542	542	542	337	337	337	132	182

TABLE A-16 (CONTINUED)

CONTRACTS BETWEEN UTILITIES
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL CONTRACTS OUT														
49 FEDERAL CONTRACTS OUT	69	69	69	69	69	479	479	479	479	274	274	274	69	69
50 PUBLIC CONTRACTS OUT W/CLOK	110	110	110	110	110	60	60	60	60	60	60	60	60	110
51 PRIVATE CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
52 TOTAL CONTRACTS OUT	182	182	182	182	182	542	542	542	542	337	337	337	132	182
TOTAL CONTRACTS IN														
53 FEDERAL CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PUBLIC CONTRACTS IN W/CLOK	125	125	125	125	125	125	125	125	125	125	125	125	125	125
55 PRIVATE CONTRACTS IN	57	57	57	57	57	417	417	417	417	212	212	212	7	57
56 TOTAL CONTRACTS IN	182	182	182	182	182	542	542	542	542	337	337	337	132	182

NOTE: BPA POWER SALE WITH PSP&L CONVERTS TO A SEASONAL POWER EXCHANGE WHEN BPA BECOMES ENERGY DEFICIT. CONTRACT CONVERSION IS ASSUMED IN OY 1999-00.

TABLE A-17

RESERVES BPA BASE LTF
1990-91 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	HYDRO,SM THML,C-T, & MISC.	1699	1713	1714	1710	1707	1764	1760	1752	1739	1672	1653	1679	1653	1685
2	LARGE THERMAL	1174	1176	1176	1104	1174	1173	1167	1153	1154	1044	895	556	477	1086
3	AREA RESERVES	2872	2889	2890	2814	2881	2937	2927	2905	2892	2716	2549	2235	2131	2771
	HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4	FEDERAL	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
5	PP&L	71	70	69	69	68	67	67	66	67	60	69	69	59	71
6	PGE	89	89	89	94	94	95	96	96	97	86	91	91	90	90
7	PSP&L	92	92	92	92	92	131	131	130	129	89	89	89	91	91
8	SEATTLE	72	89	89	81	79	84	81	81	80	79	78	91	87	91
9	TACOMA	49	49	49	48	46	44	42	42	43	43	44	45	43	49
10	WWP	65	65	65	64	64	64	64	64	62	58	55	55	58	62
12	GRANT	34	34	34	34	33	33	33	33	33	33	34	34	34	34
13	DOUGLAS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14	CHELAN	15	15	15	15	15	15	15	15	15	15	15	15	14	15
15	COLOCKUM	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	PEND OREILLE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	EUGENE	7	7	7	7	7	7	6	7	7	7	8	8	9	9
18	COWLITZ	6	6	6	6	6	5	5	5	5	3	6	6	2	6
19	CLARK	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	SNOHOMISH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	IDAHO	91	88	86	84	84	84	90	91	83	91	87	88	89	84
22	MONTANA	7	7	7	6	6	7	8	9	8	6	6	8	7	5
23	SMALL & NON GEN. PUBLICS	12	11	11	11	11	11	11	11	11	12	12	12	12	12
24	TOTAL HYDRO & MISC. RES.	1699	1713	1714	1711	1708	1765	1761	1753	1739	1673	1654	1679	1654	1686
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
25	FEDERAL SYSTEM	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
26	PUBLIC AGENCIES W/COLOCKUM	230	247	246	237	232	235	230	230	230	228	232	245	236	250
27	PRIVATE UTILITIES	414	410	407	408	409	448	457	457	446	390	397	399	394	404
28	TOTAL HYDRO & MISC. RES.	1699	1713	1714	1711	1708	1765	1761	1753	1739	1673	1654	1679	1654	1686

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LARGE THERMAL RESERVES														
29 FEDERAL	214	214	214	214	214	214	214	214	214	214	214	0	0	214
30 PP&L	351	354	354	308	351	349	341	325	329	290	246	232	215	326
31 PGE	211	211	211	211	211	211	211	211	211	159	156	76	55	190
32 PSP&L	121	121	121	121	121	121	121	121	121	121	87	61	35	95
33 SEATTLE	15	15	15	15	15	15	15	15	15	15	8	8	8	15
34 TACOMA	15	15	15	15	15	15	15	15	15	15	8	8	8	15
35 WWP	60	60	60	60	60	60	60	60	60	60	46	30	14	45
36 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	15	15	15	15	15	15	15	15	15	15	8	8	8	15
42 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 IDAHO	147	147	147	122	147	147	147	147	147	139	113	121	121	147
44 MONTANA	15	14	14	14	16	17	19	21	18	15	10	5	6	15
45 SMALL & NON GEN. PUBLICS	8	8	8	8	8	8	8	8	8	0	0	8	8	8
46 TOTAL LARGE THERMAL RES.	1174	1176	1176	1104	1174	1173	1167	1153	1154	1044	895	556	477	1086
LARGE THERMAL RESERVES														
47 FEDERAL SYSTEM	214	214	214	214	214	214	214	214	214	214	214	0	0	214
48 PUBLIC AGENCIES	54	54	54	54	54	54	54	54	54	46	23	31	31	54
49 PRIVATE UTILITIES	906	908	908	836	906	905	899	885	886	784	658	525	446	818
50 TOTAL THERMAL RESERVES	1174	1176	1176	1104	1174	1173	1167	1153	1154	1044	895	556	477	1086

TABLE A-17

RESERVES BPA BASE LTF
1995-96 LEVEL

	1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	HYDRO,SM THML,C-T, & MISC.	1699	1713	1714	1710	1707	1763	1760	1752	1739	1672	1653	1677	1653	1687
2	LARGE THERMAL	1148	1160	1160	1160	1158	1156	1149	1146	1145	1042	844	509	495	1070
3	AREA RESERVES	2847	2873	2874	2870	2864	2919	2910	2898	2883	2714	2497	2185	2149	2757
	HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4	FEDERAL	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
5	PP&L	71	70	69	69	68	67	67	66	67	60	69	69	59	71
6	PGE	89	89	89	94	94	95	96	96	97	86	91	91	90	90
7	PSP&L	90	90	90	90	90	129	129	129	128	88	87	88	89	90
8	SEATTLE	72	89	89	81	79	84	81	81	80	79	78	91	87	91
9	TACOMA	49	49	49	48	46	44	42	42	43	43	44	45	43	49
10	WWP	63	63	63	63	63	63	63	63	60	57	54	54	57	63
12	GRANT	34	34	34	34	33	33	33	33	33	33	34	34	34	34
13	DOUGLAS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14	CHELAN	18	18	18	18	18	18	18	17	18	18	18	18	17	15
15	COLOCKUM	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	PEND OREILLE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17	EUGENE	7	7	7	7	7	7	6	7	7	7	8	8	9	9
18	COWLITZ	6	6	6	6	6	5	5	5	5	3	6	6	2	6
19	CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	SNOHOMISH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	IDAHO	91	88	87	85	85	84	90	92	83	92	87	88	89	85
22	MONTANA	7	7	7	6	7	8	9	10	8	7	7	7	7	7
23	SMALL & NON GEN. PUBLICS	12	12	12	11	11	11	11	11	11	12	12	12	12	12
24	TOTAL HYDRO & MISC. RES.	1699	1713	1714	1710	1708	1764	1761	1753	1739	1673	1653	1677	1654	1687
	TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
25	FEDERAL SYSTEM	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
26	PUBLIC AGENCIES W/COLOCKUM	232	249	249	239	234	236	232	231	232	230	234	247	238	250
27	PRIVATE UTILITIES	411	407	405	406	407	446	455	455	444	388	395	396	392	405
28	TOTAL HYDRO & MISC. RES.	1699	1713	1714	1710	1708	1764	1761	1753	1739	1673	1653	1677	1654	1687

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LARGE THERMAL RESERVES														
29 FEDERAL	214	214	214	214	214	214	214	214	214	214	214	0	0	214
30 PP&L	324	337	337	338	333	330	322	316	318	312	194	179	170	314
31 PGE	211	211	211	211	211	211	211	211	211	159	156	76	76	190
32 PSP&L	121	121	121	121	121	121	121	121	121	121	87	60	60	95
33 SEATTLE	15	15	15	15	15	15	15	15	15	15	8	8	8	15
34 TACOMA	15	15	15	15	15	15	15	15	15	15	8	8	8	15
35 WWP	60	60	60	60	60	60	60	60	60	60	46	30	30	45
36 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	15	15	15	15	15	15	15	15	15	15	8	8	8	15
42 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 IDAHO	147	147	147	147	147	147	147	147	147	114	114	122	122	147
44 MONTANA	16	15	15	15	17	18	20	22	19	16	11	11	6	12
45 SMALL & NON GEN. PUBLICS	8	8	8	8	8	8	8	8	8	8	0	0	8	8
46 TOTAL LARGE THERMAL RES.	1148	1160	1160	1160	1158	1156	1149	1146	1145	1042	844	509	495	1070
LARGE THERMAL RESERVES														
47 FEDERAL SYSTEM	214	214	214	214	214	214	214	214	214	214	214	0	0	214
48 PUBLIC AGENCIES	54	54	54	54	54	54	54	54	54	46	23	31	31	54
49 PRIVATE UTILITIES	880	892	892	892	890	888	881	878	877	782	607	478	464	802
50 TOTAL THERMAL RESERVES	1148	1160	1160	1160	1158	1156	1149	1146	1145	1042	844	509	495	1070

TABLE A-17

RESERVES BPA BASE LTF
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 HYDRO,SM THML,C-T, & MISC.	1702	1716	1717	1713	1710	1767	1764	1755	1742	1675	1655	1681	1656	1689
2 LARGE THERMAL	1147	1155	1155	1121	1156	1153	1146	1141	1141	1036	866	526	540	980
3 AREA RESERVES	2849	2871	2871	2834	2865	2920	2909	2896	2882	2711	2521	2206	2197	2669
HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4 FEDERAL	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
5 PP&L	71	70	69	69	68	67	67	66	67	60	69	69	59	71
6 PGE	89	89	89	94	94	95	96	96	97	86	91	91	90	90
7 PSP&L	87	87	87	87	87	126	126	126	125	85	84	85	86	87
8 SEATTLE	72	89	89	81	79	84	81	81	80	79	78	91	87	91
9 TACOMA	49	49	49	48	46	44	42	42	43	43	44	45	43	49
10 WWP	63	63	63	63	63	63	63	63	60	57	54	54	57	63
12 GRANT	34	34	34	34	33	33	33	33	33	33	34	34	34	34
13 DOUGLAS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14 CHELAN	21	21	21	21	21	21	21	20	21	21	21	21	20	18
15 COLOCKUM	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16 PEND OREILLE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 EUGENE	7	7	7	7	7	7	6	7	7	7	8	8	9	9
18 COWLITZ	6	6	6	6	6	5	5	5	5	3	6	6	2	6
19 CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SNOHOMISH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21 IDAHO	91	88	87	85	85	84	90	92	83	92	87	88	89	85
22 MONTANA	11	10	10	9	10	11	12	13	12	10	9	10	11	10
23 SMALL & NON GEN. PUBLICS	12	12	12	11	11	11	11	11	11	12	12	12	12	12
24 TOTAL HYDRO & MISC. RES.	1702	1716	1717	1713	1711	1767	1764	1756	1742	1676	1655	1681	1657	1690
TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
25 FEDERAL SYSTEM	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
26 PUBLIC AGENCIES W/COLOCKUM	235	252	252	242	237	239	235	234	235	233	237	250	241	253
27 PRIVATE UTILITIES	411	407	405	406	407	446	456	455	444	389	394	397	392	405
28 TOTAL HYDRO & MISC. RES.	1702	1716	1717	1713	1711	1767	1764	1756	1742	1676	1655	1681	1657	1690

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LARGE THERMAL RESERVES														
29 FEDERAL	214	214	214	214	214	214	214	214	214	214	214	0	0	214
30 PP&L	317	325	325	318	324	321	311	304	307	300	183	169	233	265
31 PGE	211	211	211	211	211	211	211	211	211	159	156	76	76	190
32 PSP&L	121	121	121	121	121	121	121	121	121	121	111	84	37	71
33 SEATTLE	15	15	15	15	15	15	15	15	15	15	8	8	8	15
34 TACOMA	15	15	15	15	15	15	15	15	15	15	8	8	8	15
35 WWP	60	60	60	60	60	60	60	60	60	60	46	30	30	45
36 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	15	15	15	15	15	15	15	15	15	15	8	8	8	15
42 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 IDAHO	147	147	147	122	147	147	147	147	147	114	114	122	122	122
44 MONTANA	23	22	22	21	24	24	27	29	26	22	20	14	12	19
45 SMALL & NON GEN. PUBLICS	8	8	8	8	8	8	8	8	8	0	0	8	8	8
46 TOTAL LARGE THERMAL RES.	1147	1155	1155	1121	1156	1153	1146	1141	1141	1036	866	526	540	980
LARGE THERMAL RESERVES														
47 FEDERAL SYSTEM	214	214	214	214	214	214	214	214	214	214	214	0	0	214
48 PUBLIC AGENCIES	54	54	54	54	54	54	54	54	54	46	23	31	31	54
49 PRIVATE UTILITIES	879	887	887	854	888	885	878	873	873	776	629	495	509	712
50 TOTAL THERMAL RESERVES	1147	1155	1155	1121	1156	1153	1146	1141	1141	1036	866	526	540	980

TABLE A-17

RESERVES BPA BASE LTF
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 HYDRO,SM THML,C-T, & MISC.	1707	1721	1721	1717	1714	1771	1769	1760	1747	1680	1661	1685	1663	1695
2 LARGE THERMAL	1146	1151	1151	1153	1130	1127	1138	1132	1126	1027	859	597	419	965
3 AREA RESERVES	2853	2871	2872	2870	2845	2899	2907	2892	2873	2707	2520	2282	2082	2659
HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
4 FEDERAL	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
5 PP&L	64	63	62	62	61	51	52	51	52	45	54	54	44	55
6 PGE	83	83	83	87	88	80	82	81	82	71	76	76	76	75
7 PSP&L	77	76	76	76	76	111	110	110	109	69	69	69	70	71
8 SEATTLE	68	85	85	77	75	80	78	78	76	75	74	87	83	87
9 TACOMA	45	45	45	44	42	40	39	38	39	40	41	42	39	45
10 WWP	60	60	60	60	60	57	57	56	54	50	47	47	50	57
12 GRANT	62	62	62	62	62	90	90	90	90	91	91	91	91	91
13 DOUGLAS	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14 CHELAN	28	28	28	28	28	28	28	28	28	28	28	28	28	25
15 COLOCKUM	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16 PEND OREILLE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 EUGENE	6	6	6	6	6	5	5	5	5	5	6	6	7	7
18 COWLITZ	5	5	5	5	5	3	3	3	3	1	4	4	0	4
19 CLARK	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 SNOHOMISH	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21 IDAHO	91	88	87	85	85	84	90	92	83	92	87	88	89	85
22 MONTANA	16	15	15	14	15	16	17	18	17	15	15	15	17	16
23 SMALL & NON GEN. PUBLICS	11	11	11	11	10	10	10	10	10	10	10	10	10	10
24 TOTAL HYDRO & MISC. RES.	1707	1721	1722	1718	1715	1772	1769	1761	1747	1680	1662	1685	1663	1695
TOTAL HYDRO, SMALL THERMAL, COMBUSTION TURBINES, & MISCELLANEOUS RESERVES														
25 FEDERAL SYSTEM	1056	1057	1061	1065	1066	1082	1074	1066	1063	1054	1025	1035	1023	1032
26 PUBLIC AGENCIES W/COLOCKUM	261	278	277	268	263	291	287	286	286	284	288	302	293	304
27 PRIVATE UTILITIES	390	386	383	384	386	399	409	408	398	341	348	349	347	359
28 TOTAL HYDRO & MISC. RES.	1707	1721	1722	1718	1715	1772	1769	1761	1747	1680	1662	1685	1663	1695

TABLE A-17 (CONTINUED)

RESERVES BPA BASE LTF
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
LARGE THERMAL RESERVES														
29 FEDERAL	214	214	214	214	214	214	214	214	214	214	214	0	0	214
30 PP&L	304	310	310	312	305	302	292	284	281	280	195	191	167	275
31 PGE	211	211	211	211	211	211	211	211	211	159	156	97	55	169
32 PSP&L	121	121	121	121	121	121	121	121	121	121	87	87	34	69
33 SEATTLE	15	15	15	15	15	15	15	15	15	15	8	8	8	15
34 TACOMA	15	15	15	15	15	15	15	15	15	15	8	8	8	15
35 WWP	60	60	60	60	60	60	60	60	60	60	46	46	14	29
36 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SNOHOMISH	15	15	15	15	15	15	15	15	15	15	8	8	8	15
42 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 IDAHO	147	147	147	147	129	129	147	147	147	114	114	122	103	129
44 MONTANA	34	33	33	33	35	35	39	41	38	33	24	24	15	26
45 SMALL & NON GEN. PUBLICS	8	8	8	8	8	8	8	8	8	0	0	8	8	8
46 TOTAL LARGE THERMAL RES.	1146	1151	1151	1153	1130	1127	1138	1132	1126	1027	859	597	419	965
LARGE THERMAL RESERVES														
47 FEDERAL SYSTEM	214	214	214	214	214	214	214	214	214	214	214	0	0	214
48 PUBLIC AGENCIES	54	54	54	54	54	54	54	54	54	46	23	31	31	54
49 PRIVATE UTILITIES	878	883	883	885	862	859	870	864	858	767	622	566	388	697
50 TOTAL THERMAL RESERVES	1146	1151	1151	1153	1130	1127	1138	1132	1126	1027	859	597	419	965

TABLE A-18

WELLS AND CHELAN ALLOCATION
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WELLS		820	820	820	820	820	820	820	820	820	820	820	820	820	820
2 WELLS AFTER ENC.		820	820	820	820	820	820	820	820	820	820	820	820	820	820
3 PP&L SHARE		58	58	58	58	58	58	58	58	58	58	58	58	58	58
4 PGE SHARE		172	172	172	172	172	172	172	172	172	172	172	172	172	172
5 PSP&L SHARE		266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 WWP SHARE		30	30	30	30	30	30	30	30	30	30	30	30	30	30
7 DOUGLS SHARE		177	177	177	177	177	177	177	177	177	177	177	177	177	177
8 OKANOG CO. PUD SHARE	PUB	117	117	117	117	117	117	117	117	117	117	117	117	117	117
9 WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
10 CHELAN		53	53	53	53	53	53	52	52	51	51	51	51	52	2
11 CHELAN AFTER ENC.		57	57	57	57	57	57	56	56	55	55	55	55	56	6
12 TO CHELAN FR WWP,CONTRACT		23	23	23	24	31	32	32	32	32	32	32	32	24	23
13 CHELAN SH OF CHELAN PROJ		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 CHELAN SHARE (PROJ+CONT)		23	23	23	24	31	32	32	32	32	32	32	32	24	23
15 WWP SHARE		35	35	35	33	26	25	24	24	23	23	23	23	32	-18
16 CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6

TABLE A-18

WELLS AND CHELAN ALLOCATION
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WELLS		820	820	820	820	820	820	820	820	820	820	820	820	820	820
2 WELLS AFTER ENC.		820	820	820	820	820	820	820	820	820	820	820	820	820	820
3 PP&L SHARE		58	58	58	58	58	58	58	58	58	58	58	58	58	58
4 PGE SHARE		172	172	172	172	172	172	172	172	172	172	172	172	172	172
5 PSP&L SHARE		266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 WWP SHARE		30	30	30	30	30	30	30	30	30	30	30	30	30	30
7 DOUGLS SHARE		177	177	177	177	177	177	177	177	177	177	177	177	177	177
8 OKANOG CO. PUD SHARE	PUB	117	117	117	117	117	117	117	117	117	117	117	117	117	117
9 WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
10 CHELAN		53	53	53	53	53	53	52	52	51	51	51	51	52	2
11 CHELAN AFTER ENC.		57	57	57	57	57	57	56	56	55	55	55	55	56	6
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		57	57	57	57	57	57	56	56	55	55	55	55	56	6
14 CHELAN SHARE (PROJ+CONT)		57	57	57	57	57	57	56	56	55	55	55	55	56	6
15 WWP SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6

TABLE A-18

WELLS AND CHELAN ALLOCATION
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WELLS		820	820	820	820	820	820	820	820	820	820	820	820	820	820
2 WELLS AFTER ENC.		820	820	820	820	820	820	820	820	820	820	820	820	820	820
3 PP&L SHARE		58	58	58	58	58	58	58	58	58	58	58	58	58	58
4 PGE SHARE		172	172	172	172	172	172	172	172	172	172	172	172	172	172
5 PSP&L SHARE		266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 WWP SHARE		30	30	30	30	30	30	30	30	30	30	30	30	30	30
7 DOUGLS SHARE		177	177	177	177	177	177	177	177	177	177	177	177	177	177
8 OKANOG CO. PUD SHARE	PUB	117	117	117	117	117	117	117	117	117	117	117	117	117	117
9 WELLS AFTER ENC.	DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
10 CHELAN		53	53	53	53	53	53	52	52	51	51	51	51	52	2
11 CHELAN AFTER ENC.		57	57	57	57	57	57	56	56	55	55	55	55	56	6
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		57	57	57	57	57	57	56	56	55	55	55	55	56	6
14 CHELAN SHARE (PROJ+CONT)		57	57	57	57	57	57	56	56	55	55	55	55	56	6
15 WWP SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC.	CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6

TABLE A-18

WELLS AND CHELAN ALLOCATION
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 WELLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
2 WELLS AFTER ENC.	820	820	820	820	820	820	820	820	820	820	820	820	820	820
3 PP&L SHARE	58	58	58	58	58	58	58	58	58	58	58	58	58	58
4 PGE SHARE	172	172	172	172	172	172	172	172	172	172	172	172	172	172
5 PSP&L SHARE	266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 WWP SHARE	30	30	30	30	30	30	30	30	30	30	30	30	30	30
7 DOUGLS SHARE	177	177	177	177	177	177	177	177	177	177	177	177	177	177
8 OKANOG CO. PUD SHARE PUB	117	117	117	117	117	117	117	117	117	117	117	117	117	117
9 WELLS AFTER ENC. DGLS	820	820	820	820	820	820	820	820	820	820	820	820	820	820
10 CHELAN	53	53	53	53	53	53	52	52	51	51	51	51	52	2
11 CHELAN AFTER ENC.	57	57	57	57	57	57	56	56	55	55	55	55	56	6
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	57	57	57	57	57	57	56	56	55	55	55	55	56	6
14 CHELAN SHARE (PROJ+CONT)	57	57	57	57	57	57	56	56	55	55	55	55	56	6
15 WWP SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 CHELAN AFTER ENC. CHLN	57	57	57	57	57	57	56	56	55	55	55	55	56	6

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2 ROCKY REACH AFTER ENC.	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
3 PP&L SHARE	68	68	68	68	68	68	68	68	68	68	68	68	68	68
4 PGE SHARE	154	154	154	154	154	154	154	154	154	154	154	154	154	154
5 PSP&L SHARE	500	500	500	500	500	500	500	500	500	500	500	500	500	500
6 WWP SHARE	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7 DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8 CHELAN SHARE	194	194	194	194	194	194	194	194	194	194	194	194	194	194
9 COLOCK SHARE	295	295	295	295	295	295	295	295	295	295	295	295	295	295
10 RKY REACH AFTER ENC. CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
11 ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12 ROCK ISLAND AFTER ENC. 1&2	613	613	613	613	613	613	613	613	613	613	613	613	613	613
13 1ST PWRHOUSE AFTER ENC.	256	256	256	256	256	250	248	245	253	252	256	249	228	256
14 CHELAN SHARE	77	77	77	77	77	75	74	73	76	76	77	75	68	77
15 PSP&L SHARE	179	179	179	179	179	175	174	171	177	177	179	174	160	179
16 RI 2ND POWERHOUSE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
17 CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 PSP&L SHARE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
19 CHELAN TOTAL SHARE	77	77	77	77	77	75	74	73	76	76	77	75	68	77
20 PSP&L TOTAL SHARE	536	536	536	536	536	538	539	540	537	537	536	539	545	536
21 ROCK ISLAND CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION
1995-96 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2	ROCKY REACH AFTER ENC.	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
3	PP&L SHARE	68	68	68	68	68	68	68	68	68	68	68	68	68	68
4	PGE SHARE	154	154	154	154	154	154	154	154	154	154	154	154	154	154
5	PSP&L SHARE	500	500	500	500	500	500	500	500	500	500	500	500	500	500
6	WWP SHARE	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7	DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8	CHELAN SHARE	194	194	194	194	194	194	194	194	194	194	194	194	194	194
9	COLOCK SHARE	295	295	295	295	295	295	295	295	295	295	295	295	295	295
10	RKY REACH AFTER ENC. CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
11	ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12	ROCK ISLAND AFTER ENC. 1&2	613	613	613	613	613	613	613	613	613	613	613	613	613	613
13	1ST PWRHOUSE AFTER ENC.	256	256	256	256	256	250	248	245	253	252	256	249	228	256
14	CHELAN SHARE	104	104	104	104	104	102	101	100	103	103	104	101	93	104
15	PSP&L SHARE	152	152	152	152	152	148	147	145	150	149	152	147	135	152
16	RI 2ND POWERHOUSE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
17	CHELAN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	PSP&L SHARE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
19	CHELAN TOTAL SHARE	104	104	104	104	104	102	101	100	103	103	104	101	93	104
20	PSP&L TOTAL SHARE	509	509	509	509	509	511	512	513	510	510	509	512	520	509
21	ROCK ISLAND CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION
2000- 1 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2 ROCKY REACH AFTER ENC.	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
3 PP&L SHARE	68	68	68	68	68	68	68	68	68	68	68	68	68	68
4 PGE SHARE	154	154	154	154	154	154	154	154	154	154	154	154	154	154
5 PSP&L SHARE	500	500	500	500	500	500	500	500	500	500	500	500	500	500
6 WWP SHARE	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7 DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8 CHELAN SHARE	194	194	194	194	194	194	194	194	194	194	194	194	194	194
9 COLOCK SHARE	295	295	295	295	295	295	295	295	295	295	295	295	295	295
10 RKY REACH AFTER ENC. CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
11 ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12 ROCK ISLAND AFTER ENC. 1&2	613	613	613	613	613	613	613	613	613	613	613	613	613	613
13 1ST PWRHOUSE AFTER ENC.	256	256	256	256	256	250	248	245	253	252	256	249	228	256
14 CHELAN SHARE	128	128	128	128	128	125	124	122	127	126	128	124	114	128
15 PSP&L SHARE	128	128	128	128	128	125	124	122	127	126	128	124	114	128
16 RI 2ND POWERHOUSE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
17 CHELAN SHARE	36	36	36	36	36	36	37	37	36	36	36	36	39	36
18 PSP&L SHARE	321	321	321	321	321	327	329	332	324	325	321	328	347	321
19 CHELAN TOTAL SHARE	164	164	164	164	164	161	160	159	163	162	164	161	153	164
20 PSP&L TOTAL SHARE	449	449	449	449	449	452	453	454	451	451	449	452	461	449
21 ROCK ISLAND CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613

TABLE A-19

ROCKY REACH AND ROCK ISLAND ALLOCATION
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 ROCKY REACH	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267	1267
2 ROCKY REACH AFTER ENC.	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
3 PP&L SHARE	68	68	68	68	68	68	68	68	68	68	68	68	68	68
4 PGE SHARE	154	154	154	154	154	154	154	154	154	154	154	154	154	154
5 PSP&L SHARE	500	500	500	500	500	500	500	500	500	500	500	500	500	500
6 WWP SHARE	37	37	37	37	37	37	37	37	37	37	37	37	37	37
7 DOUGLS SHARE	36	36	36	36	36	36	36	36	36	36	36	36	36	36
8 CHELAN SHARE	194	194	194	194	194	194	194	194	194	194	194	194	194	194
9 COLOCK SHARE	295	295	295	295	295	295	295	295	295	295	295	295	295	295
10 RKY REACH AFTER ENC. CHLN	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284	1284
11 ROCK ISLAND	544	544	544	544	544	544	544	544	544	544	544	544	544	544
12 ROCK ISLAND AFTER ENC. 1&2	613	613	613	613	613	613	613	613	613	613	613	613	613	613
13 1ST PWRHOUSE AFTER ENC.	256	256	256	256	256	250	248	245	253	252	256	249	228	256
14 CHELAN SHARE	128	128	128	128	128	125	124	122	127	126	128	124	114	128
15 PSP&L SHARE	128	128	128	128	128	125	124	122	127	126	128	124	114	128
16 RI 2ND POWERHOUSE	357	357	357	357	357	363	365	369	360	361	357	364	385	357
17 CHELAN SHARE	179	179	179	179	179	182	183	184	180	180	179	182	193	179
18 PSP&L SHARE	179	179	179	179	179	182	183	184	180	180	179	182	193	179
19 CHELAN TOTAL SHARE	307	307	307	307	307	307	307	307	307	307	307	307	307	307
20 PSP&L TOTAL SHARE	307	307	307	307	307	307	307	307	307	307	307	307	307	307
21 ROCK ISLAND CHLN	613	613	613	613	613	613	613	613	613	613	613	613	613	613

TABLE A-20

WANAPUM ALLOCATION
1990-91 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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		6	6	6	6	6	6	6	6	6	6	6	6	6	6
13 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910

TABLE A-20

WANAPUM ALLOCATION
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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		6	6	6	6	6	6	6	6	6	6	6	6	6	6
13 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910

TABLE A-20

WANAPUM ALLOCATION
2000- 1 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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		6	6	6	6	6	6	6	6	6	6	6	6	6	6
13 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910

TABLE A-20

WANAPUM ALLOCATION
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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	0	0	0	0	0	0	0	0	0
4 PGE SHARE		170	170	170	170	170	0	0	0	0	0	0	0	0	0
5 PSP&L SHARE		98	98	98	98	98	0	0	0	0	0	0	0	0	0
6 WWP SHARE		75	75	75	75	75	0	0	0	0	0	0	0	0	0
7 GRANT SHARE		332	332	332	332	332	910	910	910	910	910	910	910	910	910
8 EUGENE SHARE		21	21	21	21	21	0	0	0	0	0	0	0	0	0
9 COWLIZ SHARE		25	25	25	25	25	0	0	0	0	0	0	0	0	0
10 F GROV SHARE		6	6	6	6	6	0	0	0	0	0	0	0	0	0
11 MCMINN SHARE		6	6	6	6	6	0	0	0	0	0	0	0	0	0
12 M FREE SHARE		6	6	6	6	6	0	0	0	0	0	0	0	0	0
13 WANAPUM AFTER ENC.	GRNT	910	910	910	910	910	910	910	910	910	910	910	910	910	910

TABLE A-21

PRIEST RAPIDS ALLOCATION
1990-91 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
2 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
3 PP&L SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
4 PGE SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
5 PSP&L SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
6 SEATTL SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 TACOMA SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
8 WWP SHARE	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 GRANT SHARE	327	327	327	327	327	327	327	327	327	327	327	327	327	327
10 EUGENE SHARE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11 COWLIZ SHARE	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12 F GROV SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 MCMINN SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 M FREE SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15 KITATS SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16 PRST RPDS AFTER ENC. GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896

TABLE A-21

PRIEST RAPIDS ALLOCATION
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
2 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
3 PP&L SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
4 PGE SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
5 PSP&L SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
6 SEATTL SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 TACOMA SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
8 WWP SHARE	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 GRANT SHARE	327	327	327	327	327	327	327	327	327	327	327	327	327	327
10 EUGENE SHARE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11 COWLIZ SHARE	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12 F GROV SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 MCMINN SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 M FREE SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15 KITATS SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16 PRST RPDS AFTER ENC. GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896

TABLE A-21

PRIEST RAPIDS ALLOCATION
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
2 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
3 PP&L SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
4 PGE SHARE	125	125	125	125	125	125	125	125	125	125	125	125	125	125
5 PSP&L SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
6 SEATTL SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 TACOMA SHARE	72	72	72	72	72	72	72	72	72	72	72	72	72	72
8 WWP SHARE	55	55	55	55	55	55	55	55	55	55	55	55	55	55
9 GRANT SHARE	327	327	327	327	327	327	327	327	327	327	327	327	327	327
10 EUGENE SHARE	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11 COWLIZ SHARE	18	18	18	18	18	18	18	18	18	18	18	18	18	18
12 F GROV SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 MCMINN SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 M FREE SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
15 KITATS SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16 PRST RPDS AFTER ENC. GRNT	896	896	896	896	896	896	896	896	896	896	896	896	896	896

TABLE A-21

PRIEST RAPIDS ALLOCATION
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 PRIEST RAPIDS	912	912	912	912	912	912	912	912	912	912	912	912	912	912
2 PRIEST RAPIDS AFTER ENC.	897	897	897	897	897	897	897	897	897	897	897	897	897	897
3 PP&L SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PGE SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PSP&L SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 SEATTL SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TACOMA SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 WWP SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GRANT SHARE	897	897	897	897	897	897	897	897	897	897	897	897	897	897
10 EUGENE SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 COWLIZ SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 F GROV SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 MCMINN SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 M FREE SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 KITATS SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 PRST RPDS AFTER ENC. GRNT	897	897	897	897	897	897	897	897	897	897	897	897	897	897

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION
1990-91 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	SWIFT 1	263	261	230	242	211	181	159	149	161	39	225	225	0	263
2	COWLIZ SHARE	68	68	60	63	55	47	41	39	42	10	58	58	0	68
3	PP&L SHARE (SYSTEM)	194	193	170	179	156	134	117	111	119	29	166	166	0	194
4	SWIFT 1 PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
5	SWIFT 2	62	62	62	66	71	71	71	72	73	15	76	70	0	59
6	COWLIZ SHARE	16	16	16	17	18	18	18	19	19	4	20	18	0	15
7	PP&L SHARE (SYSTEM)	46	46	46	49	52	52	52	53	54	11	56	52	0	44
8	SWIFT 2 COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION
1995-96 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	SWIFT 1		263	261	230	242	211	181	159	149	161	39	225	225	0	263
2	COWLIZ SHARE		68	68	60	63	55	47	41	39	42	10	58	58	0	68
3	PP&L SHARE	(SYSTEM)	194	193	170	179	156	134	117	111	119	29	166	166	0	194
4	SWIFT 1	PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
5	SWIFT 2		62	62	62	66	71	71	71	72	73	15	76	70	0	59
6	COWLIZ SHARE		16	16	16	17	18	18	18	19	19	4	20	18	0	15
7	PP&L SHARE	(SYSTEM)	46	46	46	49	52	52	52	53	54	11	56	52	0	44
8	SWIFT 2	COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION
2000- 1 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	SWIFT 1		263	261	230	242	211	181	159	149	161	39	225	225	0	263
2	COWLIZ SHARE		68	68	60	63	55	47	41	39	42	10	58	58	0	68
3	PP&L SHARE	(SYSTEM)	194	193	170	179	156	134	117	111	119	29	166	166	0	194
4	SWIFT 1	PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
5	SWIFT 2		62	62	62	66	71	71	71	72	73	15	76	70	0	59
6	COWLIZ SHARE		16	16	16	17	18	18	18	19	19	4	20	18	0	15
7	PP&L SHARE	(SYSTEM)	46	46	46	49	52	52	52	53	54	11	56	52	0	44
8	SWIFT 2	COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59

TABLE A-22

SWIFT 1 AND SWIFT 2 ALLOCATION
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1	SWIFT 1	263	261	230	242	211	181	159	149	161	39	225	225	0	263
2	COWLIZ SHARE	68	68	60	63	55	47	41	39	42	10	58	58	0	68
3	PP&L SHARE (SYSTEM)	194	193	170	179	156	134	117	111	119	29	166	166	0	194
4	SWIFT 1 PP&L	263	261	230	242	211	181	159	149	161	39	225	225	0	263
5	SWIFT 2	62	62	62	66	71	71	71	72	73	15	76	70	0	59
6	COWLIZ SHARE	16	16	16	17	18	18	18	19	19	4	20	18	0	15
7	PP&L SHARE (SYSTEM)	46	46	46	49	52	52	52	53	54	11	56	52	0	44
8	SWIFT 2 COW	62	62	62	66	71	71	71	72	73	15	76	70	0	59

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PRIORITY FIRM														
1 CHELAN	0	0	0	0	0	0	8	7	0	0	0	0	0	0
2 COWLITZ	427	433	433	420	463	503	515	520	499	542	466	465	509	422
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 EUGENE	146	168	162	215	285	335	346	350	320	316	273	275	211	152
5 GRANT	2	2	2	3	6	9	11	11	11	7	6	6	4	2
6 PEND OREILLE	7	33	34	25	20	21	22	33	34	36	35	17	14	17
7 SEATTLE	203	203	203	203	203	203	203	203	203	203	203	203	203	203
8 SNOHOMISH	424	454	419	597	767	967	1033	1044	1087	875	878	878	746	567
9 TACOMA	0	0	0	0	0	117	181	209	149	108	92	76	82	0
10 SM & NON GEN PUBLICS	3806	3793	3793	3888	4312	4806	5275	5528	5059	4642	4404	4412	4260	3938
11 TOTAL PURCHASES	5014	5086	5046	5351	6056	6960	7594	7905	7361	6728	6356	6332	6029	5300

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PRIORITY FIRM														
1 CHELAN	0	0	0	0	0	0	17	11	0	0	0	0	0	0
2 COWLITZ	430	436	436	446	483	527	555	549	541	555	487	486	533	434
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 EUGENE	174	196	191	248	314	369	392	389	351	342	305	307	245	187
5 GRANT	4	4	4	6	10	14	17	18	17	11	9	9	6	4
6 PEND OREILLE	12	40	40	31	25	28	34	45	44	43	42	24	21	25
7 SEATTLE	238	238	238	238	238	238	238	238	238	238	238	238	238	238
8 SNOHOMISH	522	552	518	735	920	1162	1266	1207	1279	985	994	994	858	670
9 TACOMA	0	0	0	0	8	150	240	251	210	121	116	100	111	0
10 SM & NON GEN PUBLICS	4065	4059	4059	4153	4599	5111	5582	5880	5416	5010	4762	4770	4611	4269
11 TOTAL PURCHASES	5443	5524	5485	5857	6598	7599	8341	8588	8095	7305	6953	6928	6623	5826

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PRIORITY FIRM														
1 CHELAN	0	0	0	0	0	0	5	0	0	0	0	0	0	0
2 COWLITZ	458	467	465	490	531	578	605	597	589	602	530	529	576	465
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 EUGENE	215	237	232	292	363	421	446	441	419	391	347	349	285	224
5 GRANT	6	38	38	9	16	23	28	28	26	18	15	15	32	21
6 PEND OREILLE	9	37	38	29	23	28	38	49	44	43	42	22	19	23
7 SEATTLE	334	334	334	334	334	334	334	334	334	334	334	334	334	334
8 SNOHOMISH	594	625	591	830	1031	1297	1405	1339	1419	1097	1101	1101	951	752
9 TACOMA	0	0	25	24	67	216	310	320	277	183	173	158	164	0
10 SM & NON GEN PUBLICS	4447	4434	4434	4547	5031	5584	6086	6355	5866	5435	5157	5165	5000	4638
11 TOTAL PURCHASES	6063	6172	6156	6555	7395	8479	9256	9462	8975	8102	7698	7673	7361	6457

TABLE A-23

PUBLIC AGENCIES PURCHASE FROM BPA

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PRIORITY FIRM														
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COWLITZ	544	554	546	583	630	702	732	727	717	726	652	651	696	581
3 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 EUGENE	274	297	291	358	438	517	547	545	519	488	438	440	373	304
5 GRANT	117	198	198	134	124	200	200	274	240	215	234	234	290	274
6 PEND OREILLE	2	28	28	14	15	24	42	54	46	36	33	14	10	10
7 SEATTLE	547	547	547	547	547	547	547	547	547	547	547	547	547	547
8 SNOHOMISH	721	752	718	996	1231	1539	1657	1603	1696	1318	1312	1312	1138	915
9 TACOMA	64	152	198	208	268	432	535	553	507	400	381	366	362	117
10 SM & NON GEN PUBLICS	5120	5108	5108	5224	5776	6414	6993	7218	6691	6226	5928	5936	5756	5335
11 TOTAL PURCHASES	7388	7635	7633	8063	9029	10375	11253	11521	10963	9956	9526	9501	9171	8082

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-24

PRIVATE UTILITIES ALLOCATION FROM BPA
EXHIBIT I SALES THROUGH 1994-95

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 IDAHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 MONTANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 PP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 PGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 PSP&L	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 WWP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-25

PURPA RESOURCES
1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 IDAHO	98	98	98	98	98	98	98	98	98	98	98	98	98	98
8 MONTANA REGIONAL	5	4	4	4	5	5	6	6	5	4	4	5	6	5
9 PP&L	102	102	102	102	102	102	102	102	102	102	102	102	102	102
10 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PGE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12 PSP&L	53	53	53	53	53	53	53	53	53	53	53	53	53	53
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SMALL & NON GEN PUBLICS	39	39	39	39	39	39	39	39	39	39	39	39	39	39
15 SNOHOMISH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 WWP	16	14	14	15	15	16	18	18	19	20	20	20	19	20
18 TOTAL PURPA RESOURCES	339	337	337	338	339	340	342	343	343	343	343	344	344	343
TOTAL PURPA RESOURCES														
19 PUBLIC AGENCIES	40	40	40	40	40	40	40	40	40	40	40	40	40	40
20 PRIVATE UTILITIES	299	297	297	298	298	300	302	303	303	303	303	304	304	303
21 TOTAL PURPA RESOURCES	339	337	337	338	339	340	342	343	343	343	343	344	344	343

SECTION XI - CAPACITY STUDY

DEDICATED AND NON-DEDICATED RESOURCES

TABLE A-25

PURPA RESOURCES
1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 IDAHO	104	104	104	104	104	104	104	104	104	104	104	104	104	104
8 MONTANA REGIONAL	5	5	5	5	6	6	7	7	6	5	5	5	7	7
9 PP&L	102	102	102	102	102	102	102	102	102	102	102	102	102	102
10 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PGE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12 PSP&L	53	51	51	51	51	51	51	51	51	51	51	51	51	51
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SMALL & NON GEN PUBLICS	39	40	40	40	40	40	40	40	40	40	40	40	40	40
15 SNOHOMISH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 WWP	16	14	14	15	15	16	18	18	19	20	20	20	19	20
18 TOTAL PURPA RESOURCES	346	342	342	343	344	345	347	349	348	348	348	348	350	350
TOTAL PURPA RESOURCES														
19 PUBLIC AGENCIES	40	41	41	41	41	41	41	41	41	41	41	41	41	41
20 PRIVATE UTILITIES	306	302	302	302	303	305	307	308	308	307	307	307	309	309
21 TOTAL PURPA RESOURCES	346	342	342	343	344	345	347	349	348	348	348	348	350	350

TABLE A-25

PURPA RESOURCES
2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 IDAHO	104	104	104	104	104	104	104	104	104	104	104	104	104	104
8 MONTANA REGIONAL	10	10	10	10	11	11	12	13	12	10	9	11	13	12
9 PP&L	102	102	102	102	102	102	102	102	102	102	102	102	102	102
10 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PGE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12 PSP&L	53	51	51	51	51	51	51	51	51	51	51	51	51	51
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SMALL & NON GEN PUBLICS	39	40	40	40	40	40	40	40	40	40	40	40	40	40
15 SNOHOMISH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 WWP	16	14	14	15	15	16	18	18	19	20	20	20	19	20
18 TOTAL PURPA RESOURCES	351	347	347	348	349	350	353	355	353	353	352	353	356	355
TOTAL PURPA RESOURCES														
19 PUBLIC AGENCIES	40	41	41	41	41	41	41	41	41	41	41	41	41	41
20 PRIVATE UTILITIES	311	306	306	307	308	310	312	314	313	312	311	313	315	315
21 TOTAL PURPA RESOURCES	351	347	347	348	349	350	353	355	353	353	352	353	356	355

TABLE A-25

PURPA RESOURCES
2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1 CHELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 COLOCKUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 COWLITZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 DOUGLAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 EUGENE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 GRANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 IDAHO	104	104	104	104	104	104	104	104	104	104	104	104	104	104
8 MONTANA REGIONAL	16	15	15	15	16	16	18	18	17	15	15	15	22	20
9 PP&L	95	95	95	95	95	95	95	95	95	95	95	95	95	95
10 PEND OREILLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PGE	25	25	25	25	25	25	25	25	25	25	25	25	25	25
12 PSP&L	53	51	51	51	51	51	51	51	51	51	51	51	51	51
13 SEATTLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 SMALL & NON GEN PUBLICS	39	40	40	40	40	40	40	40	40	40	38	38	38	38
15 SNOHOMISH	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16 TACOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 WWP	16	14	14	15	15	16	18	18	19	20	20	20	19	20
18 TOTAL PURPA RESOURCES	349	344	344	345	346	348	351	352	351	350	349	349	355	353
TOTAL PURPA RESOURCES														
19 PUBLIC AGENCIES	40	41	41	41	41	41	41	41	41	41	39	39	39	39
20 PRIVATE UTILITIES	309	304	304	305	306	307	310	312	311	310	310	310	316	315
21 TOTAL PURPA RESOURCES	349	344	344	345	346	348	351	352	351	350	349	349	355	353

TABLE A-26

DEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PUBLIC AGENCIES														
1 CHELAN	312	312	312	313	320	320	319	318	321	320	319	317	304	310
2 COWLITZ	156	155	147	151	144	137	131	129	132	85	147	145	69	152
3 DOUGLAS	230	230	230	230	230	230	230	230	230	230	229	229	229	229
4 EUGENE	163	152	150	148	150	150	156	153	153	154	156	156	184	184
5 GRANT	645	645	645	645	645	645	645	645	645	645	640	640	640	640
6 PEND OREILLE	39	42	42	41	39	40	42	42	42	42	42	36	38	40
7 SEATTLE	1807	2150	2147	1984	1943	2007	1973	1990	1989	2012	1868	2119	2046	2170
8 SNOHOMISH	236	236	236	236	236	236	236	236	236	236	184	184	184	235
9 TACOMA	1002	1003	1003	994	973	940	919	908	933	944	879	900	836	998
10 SM NON-GEN PUB AG (CL+GH)	408	408	408	425	423	424	425	425	425	432	418	418	417	396
11 TOTAL PUBLIC AGENCIES	4999	5334	5321	5169	5105	5129	5077	5077	5106	5101	4882	5145	4946	5354
PRIVATE UTILITIES														
12 IDAHO	2501	2445	2416	2201	2374	2359	2488	2513	2350	2511	2257	2270	2296	2377
13 MONTANA	375	366	366	355	380	394	417	445	406	366	333	323	342	375
14 PP&L	5062	5069	5046	4744	5007	4968	4930	4802	4849	4441	4321	4215	3916	4881
15 PGE	2528	2528	2528	2546	2549	2551	2553	2554	2552	2510	2496	1751	1749	2509
16 PSP&L	2705	2705	2705	2705	2705	3066	3061	3050	3029	2656	2393	2360	2339	2629
17 WWP	1488	1488	1488	1484	1484	1481	1481	1465	1423	1346	1184	1189	1299	1429
18 TOTAL PRIVATE UTILITIES	14658	14601	14548	14035	14498	14819	14929	14829	14610	13829	12983	12108	11942	14199
19 TOTAL DEDICATED RESOURCES	19658	19935	19870	19204	19602	19948	20006	19907	19716	18931	17865	17253	16888	19554

TABLE A-26

DEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PUBLIC AGENCIES														
1 CHELAN	363	363	363	363	363	361	359	358	360	360	359	357	350	310
2 COWLITZ	143	143	135	139	132	124	118	116	120	73	134	133	56	140
3 DOUGLAS	223	223	223	223	223	223	223	223	223	223	222	222	222	222
4 EUGENE	137	127	124	122	124	124	131	127	127	128	131	131	158	158
5 GRANT	622	622	622	622	622	622	622	622	622	622	617	617	617	617
6 PEND OREILLE	45	47	47	46	44	45	47	48	47	47	47	41	43	45
7 SEATTLE	1741	2084	2081	1918	1877	1941	1907	1925	1923	1946	1802	2053	1980	2104
8 SNOHOMISH	230	230	230	230	230	230	230	230	230	230	177	177	177	228
9 TACOMA	1000	1001	1001	992	971	938	917	905	931	942	877	898	834	996
10 SM NON-GEN PUB AG (CL+GH)	327	328	328	344	341	342	343	343	343	350	337	337	335	314
11 TOTAL PUBLIC AGENCIES	4831	5167	5154	4999	4927	4949	4896	4896	4925	4920	4702	4965	4772	5135
PRIVATE UTILITIES														
12 IDAHO	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
13 MONTANA	390	380	380	368	396	407	433	463	422	379	342	342	353	386
14 PP&L	3697	3768	3746	3754	3702	3658	3620	3552	3589	3402	2782	2676	2427	3612
15 PGE	2226	2226	2226	2245	2247	2250	2251	2252	2251	2208	2195	1449	1448	2208
16 PSP&L	2594	2592	2592	2592	2591	2953	2948	2938	2916	2543	2284	2234	2264	2505
17 WWP	1421	1421	1421	1418	1425	1424	1424	1414	1373	1294	1132	1137	1239	1419
18 TOTAL PRIVATE UTILITIES	12837	12840	12787	12756	12742	13058	13172	13140	12908	12173	10999	10116	10036	12511
19 TOTAL DEDICATED RESOURCES	17668	18006	17941	17755	17670	18007	18068	18036	17834	17093	15702	15082	14808	17646

TABLE A-26

DEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PUBLIC AGENCIES														
1 CHELAN	404	404	404	404	404	402	400	399	401	401	402	400	393	353
2 COWLITZ	130	130	122	126	119	111	105	103	106	60	124	122	45	129
3 DOUGLAS	208	208	208	208	208	208	208	208	208	208	208	208	208	208
4 EUGENE	113	103	100	98	100	100	106	103	103	104	111	111	139	139
5 GRANT	567	567	567	567	567	567	567	567	567	567	567	567	567	567
6 PEND OREILLE	52	55	55	53	51	52	54	55	54	54	54	48	50	53
7 SEATTLE	1680	2022	2020	1857	1816	1880	1846	1863	1862	1885	1752	2003	1930	2054
8 SNOHOMISH	224	224	224	224	224	224	224	224	224	224	173	173	173	224
9 TACOMA	995	995	995	987	966	933	912	900	925	937	872	893	829	991
10 SM NON-GEN PUB AG (CL+GH)	265	265	265	281	278	279	280	280	280	287	286	286	285	264
11 TOTAL PUBLIC AGENCIES	4637	4972	4959	4805	4733	4755	4702	4701	4731	4726	4548	4811	4618	4981
PRIVATE UTILITIES														
12 IDAHO	2509	2453	2423	2207	2382	2366	2496	2521	2357	2347	2265	2278	2304	2210
13 MONTANA	400	387	387	379	407	414	445	471	433	386	349	338	363	402
14 PP&L	3492	3534	3511	3469	3487	3442	3394	3321	3363	3171	2572	2466	2708	3147
15 PGE	2113	2113	2113	2132	2134	2137	2138	2139	2138	2095	2100	1355	1354	2114
16 PSP&L	2321	2319	2319	2319	2318	2680	2675	2665	2643	2270	2188	2141	1853	2095
17 WWP	1391	1391	1391	1388	1395	1395	1395	1380	1338	1260	1103	1108	1211	1390
18 TOTAL PRIVATE UTILITIES	12226	12196	12144	11893	12123	12434	12543	12498	12273	11529	10577	9686	9793	11358
19 TOTAL DEDICATED RESOURCES	16863	17169	17104	16698	16856	17189	17244	17199	17004	16255	15126	14497	14412	16339

TABLE A-26

DEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PUBLIC AGENCIES														
1 CHELAN	535	535	535	535	534	534	534	534	533	533	532	533	534	483
2 COWLITZ	106	106	98	102	95	65	60	58	61	14	78	77	0	84
3 DOUGLAS	197	197	197	197	197	197	197	197	197	197	197	197	197	197
4 EUGENE	89	79	76	74	76	61	67	64	64	65	73	73	100	100
5 GRANT	479	479	479	479	479	418	418	418	418	418	418	418	418	418
6 PEND OREILLE	75	78	78	77	75	76	77	78	78	78	78	72	74	76
7 SEATTLE	1562	1904	1902	1739	1698	1762	1728	1745	1744	1767	1634	1886	1812	1936
8 SNOHOMISH	221	221	221	221	221	221	221	221	221	221	170	170	170	221
9 TACOMA	907	908	908	899	878	845	824	813	838	849	785	806	742	904
10 SM NON-GEN PUB AG (CL+GH)	216	216	216	232	229	213	214	214	214	221	219	219	218	197
11 TOTAL PUBLIC AGENCIES	4387	4723	4710	4555	4483	4393	4340	4341	4367	4362	4184	4449	4265	4616
PRIVATE UTILITIES														
12 IDAHO	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
13 MONTANA	448	432	432	425	461	459	500	523	483	428	369	369	402	454
14 PP&L	3234	3261	3238	3256	3188	2992	2933	2859	2860	2711	2327	2292	1943	2887
15 PGE	1934	1934	1934	1953	1955	1806	1807	1808	1807	1764	1770	1025	1023	1783
16 PSP&L	2032	2030	2030	2030	2030	2301	2295	2284	2265	1892	1655	1664	1563	1815
17 WWP	1321	1321	1321	1318	1325	1258	1258	1244	1202	1123	967	972	1074	1254
18 TOTAL PRIVATE UTILITIES	11478	11431	11379	11361	11340	11182	11290	11239	10974	10264	9353	8599	8309	10576
19 TOTAL DEDICATED RESOURCES	15865	16154	16089	15917	15824	15575	15629	15580	15341	14627	13537	13049	12574	15192

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DSI NON ALUMINUM FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 POWER ADVANTAGE NON ALUM	*	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2 ALCOA ADDY	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP		13	13	13	13	13	13	13	13	13	13	13	13	13	13
INDUSTRIAL FIRM POWER PURCHASES															
4 DSI NON ALUM FIRM, IP RATE		260	268	268	267	267	267	235	245	267	267	269	269	269	269
TOTAL DSI NON ALUMINUM FIRM PURCHASES															
5 TOTAL DSI NON ALUM PURCHASE		273	281	281	280	280	280	248	258	280	280	282	282	282	282
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
6 POWER ADVANTAGE GEN PUB	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PRIORITY FIRM PURCHASES															
7 GEN PUB PURCHASE, PF RATE		1206	1289	1250	1460	1741	2152	2316	2374	2299	2083	1949	1918	1766	1360
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
8 TOTAL GEN PUBLIC PURCHASE		1208	1292	1253	1463	1744	2155	2319	2377	2302	2086	1952	1920	1769	1363
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
9 POWER ADVANTAGE NON GEN	*	13	13	13	13	13	13	13	13	13	13	13	13	13	13
10 STAYING POWER	*	27	27	27	27	27	27	27	27	27	27	27	27	27	27
11 ELECTRIC VENTURES	*	7	7	7	7	7	7	7	7	7	7	7	7	7	7
12 NON GEN PUBLIC PARTNERSHIP	*	48	48	48	48	48	48	48	48	48	48	48	48	48	48
NEW RESOURCE RATE PURCHASES															
13 DIASHOWA, NR RATE		0	0	0	0	0	0	0	0	0	0	49	49	49	49
PRIORITY FIRM PURCHASES															
14 NON GEN PUB PURCH, PF RATE		3758	3746	3746	3840	4265	4758	5227	5481	5012	4594	4307	4315	4164	3841
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
15 TOTAL NON GEN PUB PURCHASE		3806	3793	3793	3888	4312	4806	5275	5528	5059	4642	4404	4412	4260	3938
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	63	63	63	63	63	63	63	63	63	63	63	63	63	63

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DSI NON ALUMINUM FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 POWER ADVANTAGE NON ALUM	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 ALCOA ADDY	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP		0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDUSTRIAL FIRM POWER PURCHASES															
4 DSI NON ALUM FIRM, IP RATE		193	202	202	200	200	200	168	179	201	201	202	202	202	202
TOTAL DSI NON ALUMINUM FIRM PURCHASES															
5 TOTAL DSI NON ALUM PURCHASE		193	202	202	200	200	200	168	179	201	201	202	202	202	202
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
6 POWER ADVANTAGE GEN PUB	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PRIORITY FIRM PURCHASES															
7 GEN PUB PURCHASE, PF RATE		1376	1463	1423	1702	1997	2486	2756	2705	2677	2293	2188	2155	2010	1555
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
8 TOTAL GEN PUBLIC PURCHASE		1379	1466	1426	1704	1999	2489	2759	2708	2680	2296	2191	2158	2013	1558
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
9 POWER ADVANTAGE NON GEN	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 STAYING POWER	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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		76	76	76	76	76	76	76	76	76	76	76	76	76	76
PRIORITY FIRM PURCHASES															
14 NON GEN PUB PURCH, PF RATE		3989	3983	3983	4077	4523	5035	5507	5805	5340	4934	4686	4694	4535	4193
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
15 TOTAL NON GEN PUB PURCHASE		4065	4059	4059	4153	4599	5111	5582	5880	5416	5010	4762	4770	4611	4269
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DSI NON ALUMINUM FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 POWER ADVANTAGE NON ALUM	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 ALCOA ADDY	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP		0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDUSTRIAL FIRM POWER PURCHASES															
4 DSI NON ALUM FIRM, IP RATE		199	206	206	205	205	205	174	182	205	205	206	206	206	206
TOTAL DSI NON ALUMINUM FIRM PURCHASES															
5 TOTAL DSI NON ALUM PURCHASE		199	206	206	205	205	205	174	182	205	205	206	206	206	206
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
6 POWER ADVANTAGE GEN PUB	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PRIORITY FIRM PURCHASES															
7 GEN PUB PURCHASE, PF RATE		1613	1735	1719	2005	2362	2893	3167	3105	3106	2665	2539	2505	2358	1816
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
8 TOTAL GEN PUBLIC PURCHASE		1616	1738	1722	2008	2365	2896	3170	3108	3109	2668	2542	2508	2361	1819
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
9 POWER ADVANTAGE NON GEN	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 STAYING POWER	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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		76	76	76	76	76	76	76	76	76	76	76	76	76	76
PRIORITY FIRM PURCHASES															
14 NON GEN PUB PURCH, PF RATE		4372	4359	4359	4471	4955	5508	6010	6279	5790	5359	5081	5089	4924	4563
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
15 TOTAL NON GEN PUB PURCHASE		4447	4434	4434	4547	5031	5584	6086	6355	5866	5435	5157	5165	5000	4638
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3

TABLE A-27

PURCHASES FROM THE FEDERAL SYSTEM BY RATE CLASS

M E D I U M L O A D S

2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DSI NON ALUMINUM FIRM PURCHASES															
PARTNERSHIP PURCHASES															
1 POWER ADVANTAGE NON ALUM	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 ALCOA ADDY	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 DSI NON ALUM PARTNERSHIP		0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDUSTRIAL FIRM POWER PURCHASES															
4 DSI NON ALUM FIRM, IP RATE		201	207	207	206	206	206	177	184	206	206	207	207	207	207
TOTAL DSI NON ALUMINUM FIRM PURCHASES															
5 TOTAL DSI NON ALUM PURCHASE		201	207	207	206	206	206	177	184	206	206	207	207	207	207
GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
6 POWER ADVANTAGE GEN PUB	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PRIORITY FIRM PURCHASES															
7 GEN PUB PURCHASE, PF RATE		2265	2524	2522	2836	3250	3958	4256	4299	4269	3727	3595	3561	3412	2744
TOTAL GENERATING PUBLIC UTILITIES FIRM PURCHASES															
8 TOTAL GEN PUBLIC PURCHASE		2268	2527	2525	2839	3253	3961	4259	4302	4271	3730	3598	3564	3415	2747
SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
PARTNERSHIP PURCHASES															
9 POWER ADVANTAGE NON GEN	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 STAYING POWER	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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		76	76	76	76	76	76	76	76	76	76	76	76	76	76
PRIORITY FIRM PURCHASES															
14 NON GEN PUB PURCH, PF RATE		5045	5033	5033	5149	5701	6338	6918	7143	6616	6150	5853	5861	5681	5259
TOTAL SMALL AND NON GENERATING PUBLIC UTILITIES FIRM PURCHASES															
15 TOTAL NON GEN PUB PURCHASE		5120	5108	5108	5224	5776	6414	6993	7218	6691	6226	5928	5936	5756	5335
TOTAL PARTNERSHIP PURCHASES															
16 TOTAL PARTNERSHIP PURCHASE	*	3	3	3	3	3	3	3	3	3	3	3	3	3	3

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

1990-91 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
1 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 FED EXPORT SUBJ TO RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
4 BPA TO PGX, SUMM PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 FED PNW CONT 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS														
6 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 FED PNW CONT 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS														
8 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 FED XCHG NRG ADD FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES														
11 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	230	230	273	273	0	0	0
14 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	230	230	273	273	0	0	0
15 TOTAL RECALLABLE RESOURCES	0	0	0	0	0	0	0	230	230	273	273	0	0	0

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

1995-96 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
1 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 FED EXPORT SUBJ TO RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
4 BPA TO PGX, SUMM PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 FED PNW CONT 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS														
6 BPA TO PSP&L, PWR SALE	0	0	0	0	300	300	300	300	300	300	0	0	0	0
7 FED PNW CONT 5-YEAR RECALL	0	0	0	0	300	300	300	300	300	300	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS														
8 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 FED XCHG NRG ADD FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES														
11 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL RECALLABLE RESOURCES	0	0	0	0	300	300	300	300	300	300	0	0	0	0

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

2000- 1 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
1 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 FED EXPORT SUBJ TO RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
4 BPA TO PGX, SUMM PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 FED PNW CONT 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS														
6 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 FED PNW CONT 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS														
8 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 FED XCHG NRG ADD FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES														
11 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL RECALLABLE RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A-28

FEDERAL CONTRACTUALLY AVAILABLE RESOURCES

2009-10 LEVEL

PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
FEDERAL PSW EXPORTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
1 BPA TO BGP, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 BPA TO SCE, PWR S TO C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 FED EXPORT SUBJ TO RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 60-DAY RECALL PROVISIONS UNDER PUBLIC LAW 88-552														
4 BPA TO PGX, SUMM PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5 FED PNW CONT 60-DAY RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL PNW CONTRACTS SUBJECT TO 5-YEAR RECALL PROVISIONS														
6 BPA TO PSP&L, PWR SALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 FED PNW CONT 5-YEAR RECALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW EXCHANGE ENERGY RECOVERED FROM RECALLED PSW CONTRACTS														
8 BGP TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 SCE TO BPA, CAP/NRG XCHG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 FED XCHG NRG ADD FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEDERAL RESOURCE ADDITIONS FROM PSW OPTION PURCHASES														
11 BGP TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 SCE TO BPA, SUPPLMENTAL NRG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 SCE TO BPA, OPTION ENERGY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 FED RES ADDITIONS FROM PSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL RECALLABLE RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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SECTION XI - Dedicated and Nondedicated Resources
(OY 1990-91, 1995-96, 2000-01 and 2009-10)

CAPACITY ANALYSIS

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Douglas County PUD #1	D-9	TA-544
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TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IDAHO DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	87	81	55	37	12	9	20	0	0	31	51	64	53	77
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	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7 UPPER SALMON 3&4	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	26	27	28	28	30	31	31	30	30	27	28	28	27	26
10 TWIN FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 CASCADE	5B1A	13	14	10	6	6	0	0	5	0	0	0	0	0	0
MAIN HYDRO															
12 HELLS CANYON	5B1A	347	294	294	272	297	290	408	450	291	424	322	322	360	243
13 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
14 BROWNLEE	5B1A	675	675	675	675	675	675	675	675	675	675	675	675	675	675
15 TOTAL HYDRO		1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
LARGE THERMAL															
16 JIM BRIDGER SHARE	5B1A	686	686	686	516	686	686	686	686	686	686	514	514	514	688
17 TOTAL THERMAL		686	686	686	516	686	686	686	686	686	686	514	514	514	688
OTHER RESOURCES															
18 WOOD RIVER	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
19 PURPA	5B1B	98	98	98	98	98	98	98	98	98	98	98	98	98	98
20 TOTAL OTHER RESOURCES		148	148	148	148	148	148	148	148	148	148	148	148	148	148
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
21 RESOURCES USED 79-80	5B1A	2501	2445	2416	2201	2374	2359	2488	2513	2350	2511	2257	2270	2296	2377
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		2501	2445	2416	2201	2374	2359	2488	2513	2350	2511	2257	2270	2296	2377
NONDEDICATED RESOURCES															
24 LG THRM, VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
25 LG THRM, BOARDMAN SHARE		53	53	53	53	53	53	53	53	53	0	0	53	53	53
26 C.O.,ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		0	0	0	0	0	-50	-50	-50	-50	0	0	0	0	0
28 C.I.,SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 C.I.,MONT TO ID, C/N XCHG		75	75	75	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL NONDEDICATED RES		370	370	370	295	295	245	245	245	245	242	242	295	295	295
31 TOTAL RESOURCES		2871	2815	2786	2496	2669	2604	2733	2758	2595	2753	2499	2565	2591	2672

TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IDAHO															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	87	81	55	37	12	9	20	0	0	31	51	64	53	77
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	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7 UPPER SALMON 3&4	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	26	27	28	28	30	31	31	30	30	27	28	28	27	26
10 TWIN FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 CASCADE	5B1A	13	14	10	6	6	0	0	5	0	0	0	0	0	0
MAIN HYDRO															
12 HELLS CANYON	5B1A	347	294	294	272	297	290	408	450	291	424	322	322	360	243
13 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
14 BROWNLEE	5B1A	675	675	675	675	675	675	675	675	675	675	675	675	675	675
15 TOTAL HYDRO		1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
LARGE THERMAL															
16 JIM BRIDGER SHARE	5B1A	688	688	688	688	688	688	688	688	688	516	516	516	516	688
17 TOTAL THERMAL		688	688	688	688	688	688	688	688	688	516	516	516	516	688
OTHER RESOURCES															
18 WOOD RIVER	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
19 PURPA	5B1B	104	104	104	104	104	104	104	104	104	104	104	104	104	104
20 TOTAL OTHER RESOURCES		154	154	154	154	154	154	154	154	154	154	154	154	154	154
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
21 RESOURCES USED 79-80	5B1A	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
NONDEDICATED RESOURCES															
24 LG THRM, VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
25 LG THRM, BOARDMAN SHARE		53	53	53	53	53	53	53	53	53	0	0	53	53	53
26 C.O.,ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		0	0	0	0	0	-50	-50	-50	-50	0	0	0	0	0
28 C.I.,SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 C.I.,MONT TO ID, C/N XCHG		75	75	75	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL NONDEDICATED RES		370	370	370	295	295	245	245	245	245	242	242	295	295	295
31 TOTAL RESOURCES		2879	2823	2793	2674	2677	2611	2741	2766	2602	2589	2507	2573	2599	2677

TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IDAHO															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	87	81	55	37	12	9	20	0	0	31	51	64	53	77
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	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7 UPPER SALMON 3&4	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	26	27	28	28	30	31	31	30	30	27	28	28	27	26
10 TWIN FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 CASCADE	5B1A	13	14	10	6	6	0	0	5	0	0	0	0	0	0
MAIN HYDRO															
12 HELLS CANYON	5B1A	347	294	294	272	297	290	408	450	291	424	322	322	360	243
13 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
14 BROWNLEE	5B1A	675	675	675	675	675	675	675	675	675	675	675	675	675	675
15 TOTAL HYDRO		1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
LARGE THERMAL															
16 JIM BRIDGER SHARE	5B1A	688	688	688	516	688	688	688	688	688	516	516	516	516	516
17 TOTAL THERMAL		688	688	688	516	688	688	688	688	688	516	516	516	516	516
OTHER RESOURCES															
18 WOOD RIVER	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
19 PURPA	5B1B	104	104	104	104	104	104	104	104	104	104	104	104	104	104
20 TOTAL OTHER RESOURCES		154	154	154	154	154	154	154	154	154	154	154	154	154	154
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
21 RESOURCES USED 79-80	5B1A	2509	2453	2423	2207	2382	2366	2496	2521	2357	2347	2265	2278	2304	2210
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		2509	2453	2423	2207	2382	2366	2496	2521	2357	2347	2265	2278	2304	2210
NONDEDICATED RESOURCES															
24 LG THRM, VALMY		242	242	242	242	242	242	242	242	242	242	242	242	242	242
25 LG THRM, BOARDMAN SHARE		53	53	53	53	53	53	53	53	53	0	0	53	53	53
26 C.O.,ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 C.I.,SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 C.I.,MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL NONDEDICATED RES		295	295	295	295	295	295	295	295	295	242	242	295	295	295
31 TOTAL RESOURCES		2804	2748	2718	2502	2677	2661	2791	2816	2652	2589	2507	2573	2599	2505

TABLE D-1

IDAHO DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
IDAHO															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SWAN FALLS	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
2 C.J.STRIKE	5B1A	85	85	85	85	85	85	85	85	85	85	85	85	85	85
3 AMERICAN FALLS	5B1A	87	81	55	37	12	9	20	0	0	31	51	64	53	77
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	20	20	20	20	20	20	20	20	20	20	20	20	20	20
7 UPPER SALMON 3&4	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
8 SHOSHONE FALLS	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
9 SPRING PLANTS	5B1A	26	27	28	28	30	31	31	30	30	27	28	28	27	26
10 TWIN FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11 CASCADE	5B1A	13	14	10	6	6	0	0	5	0	0	0	0	0	0
MAIN HYDRO															
12 HELLS CANYON	5B1A	347	294	294	272	297	290	408	450	291	424	322	322	360	243
13 OXBOW	5B1A	220	220	220	220	220	220	220	220	220	220	220	220	220	220
14 BROWNLEE	5B1A	675	675	675	675	675	675	675	675	675	675	675	675	675	675
15 TOTAL HYDRO		1667	1611	1581	1537	1539	1524	1653	1679	1515	1676	1595	1608	1634	1540
LARGE THERMAL															
16 JIM BRIDGER SHARE	5B1A	688	688	688	688	688	688	688	688	688	516	516	516	516	688
17 TOTAL THERMAL		688	688	688	688	688	688	688	688	688	516	516	516	516	688
OTHER RESOURCES															
18 WOOD RIVER	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
19 PURPA	5B1B	104	104	104	104	104	104	104	104	104	104	104	104	104	104
20 TOTAL OTHER RESOURCES		154	154	154	154	154	154	154	154	154	154	154	154	154	154
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															

TABLE D-1 (CONTINUED)

IDAHO DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
21 RESOURCES USED 79-80	5B1A	2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
22 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL DEDICATED RESOURCES		2509	2453	2423	2379	2382	2366	2496	2521	2357	2347	2265	2278	2304	2382
NONDEDICATED RESOURCES															
24 LG THRM, VALMY		242	242	242	242	121	121	242	242	242	242	242	242	121	121
25 LG THRM, BOARDMAN SHARE		53	53	53	53	53	53	53	53	53	0	0	53	53	53
26 C.O.,ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 C.O.,ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 C.I.,SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 C.I.,MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL NONDEDICATED RES		295	295	295	295	174	174	295	295	295	242	242	295	174	174
31 TOTAL RESOURCES		2804	2748	2718	2674	2556	2540	2791	2816	2652	2589	2507	2573	2478	2556

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
MONTANA DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	3	3	2	2	2	2	3	2
2 BLACK EAGLE	5B1A	3	3	3	3	4	4	4	5	4	3	3	4	5	3
3 HOLTER	5B1A	9	9	9	8	10	10	12	13	11	9	9	11	12	9
4 HAUSER	5B1A	3	3	3	3	3	3	4	4	4	3	3	4	4	3
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 MADISON	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
7 RAINBOW	5B1A	7	6	6	6	7	7	8	9	8	7	6	8	9	7
8 COCHRANE	5B1A	10	9	9	9	10	11	12	13	11	9	9	11	13	10
9 RYAN	5B1A	8	7	7	7	8	8	9	11	9	7	6	7	8	8
10 MORONY	5B1A	9	9	9	8	9	10	11	12	11	9	9	11	12	9
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
12 KERR	5B1A	29	28	28	26	29	31	33	36	30	25	25	32	37	28
13 THOMPSON FALLS	5B1A	8	7	7	7	8	8	9	11	9	7	7	9	10	8
14 TOTAL HYDRO		89	85	85	80	92	98	108	119	102	84	81	102	115	89
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	61	58	58	55	62	67	75	84	72	59	29	36	41	61
16 COLSTRIP 3 SHARE	5B1B	40	38	38	36	41	44	49	55	47	39	38	0	0	40
17 TOTAL THERMAL		101	97	97	91	104	112	124	139	119	98	67	36	41	101
OTHER RESOURCES															
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	5	4	4	4	5	5	6	6	5	4	4	5	6	5
20 TOTAL OTHER RESOURCES		5	4	4	4	5	5	6	6	5	4	4	5	6	5
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MONT TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
24 BPA TO MONT,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
25 BPA TO MONT,C/N XCHG	5B1A	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26 TOTAL CONTRACTS IN		180	180	180	180	180	180	180	180	180	180	180	180	180	180

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
27 RESOURCES USED 79-80	5B1A	250	243	243	235	254	265	282	303	273	243	210	238	256	250
28 OTHER RESOURCES	5B1B	125	123	123	120	126	130	135	142	133	123	123	85	86	125
29 TOTAL DEDICATED RESOURCES		375	366	366	355	380	394	417	445	406	366	333	323	342	375
NONDEDICATED RESOURCES															
30 MAIN HYDRO, KERR		2	2	2	2	2	2	2	2	2	2	2	2	2	2
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		11	11	11	0	0	13	14	16	14	11	11	14	15	12
33 SM TH & MISC, CORRETTE		29	28	28	26	30	32	36	40	34	28	28	34	0	0
34 C.I., ID TO MONT, C/N XCHG		0	0	0	0	0	50	50	50	50	0	0	0	0	0
35 C.O., MONT TO ID, C/N XCHG		-75	-75	-75	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL NONDEDICATED RES		-33	-35	-35	28	32	97	102	108	100	41	40	50	18	13
37 TOTAL RESOURCES		342	332	332	382	412	491	519	553	505	407	373	373	360	388

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
MONTANA DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	2	2	2	2	2	2	3	3	3	2	2	2	3	3
2 BLACK EAGLE	5B1A	4	4	4	3	4	4	5	5	4	4	3	3	5	5
3 HOLTER	5B1A	10	10	10	9	10	11	12	14	12	10	9	9	13	12
4 HAUSER	5B1A	3	3	3	3	3	4	4	4	4	3	3	3	4	4
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6 MADISON	5B1A	2	2	2	2	2	2	2	3	2	2	2	2	2	2
7 RAINBOW	5B1A	7	7	7	6	7	8	9	10	8	7	7	7	9	9
8 COCHRANE	5B1A	10	10	10	9	11	11	13	14	12	10	10	10	14	13
9 RYAN	5B1A	8	8	8	7	8	9	10	11	10	8	6	6	9	10
10 MORONY	5B1A	10	9	9	9	10	11	12	13	11	9	9	9	13	12
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
12 KERR	5B1A	31	29	29	28	32	33	35	39	32	27	26	27	39	38
13 THOMPSON FALLS	5B1A	8	8	8	7	8	9	10	11	10	8	8	8	11	10
14 TOTAL HYDRO		96	91	91	86	98	103	115	127	109	90	86	86	123	118
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	65	62	62	59	67	71	79	89	77	63	31	30	43	81
16 COLSTRIP 3 SHARE	5B1B	43	41	41	39	45	47	53	59	51	42	41	40	0	0
17 TOTAL THERMAL		109	103	103	97	112	118	132	148	127	105	71	71	43	81
OTHER RESOURCES															
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	5	5	5	5	6	6	7	7	6	5	5	5	7	7
20 TOTAL OTHER RESOURCES		5	5	5	5	6	6	7	7	6	5	5	5	7	7
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MONT TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
24 BPA TO MONT,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
25 BPA TO MONT,C/N XCHG	5B1A	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26 TOTAL CONTRACTS IN		180	180	180	180	180	180	180	180	180	180	180	180	180	180

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
27 RESOURCES USED 79-80	5B1A	261	253	253	245	266	274	294	317	285	253	217	217	266	299
28 OTHER RESOURCES	5B1B	129	126	126	124	130	133	139	146	137	127	126	126	87	87
29 TOTAL DEDICATED RESOURCES		390	380	380	368	396	407	433	463	422	379	342	342	353	386
NONDEDICATED RESOURCES															
30 MAIN HYDRO, KERR		2	2	2	2	2	2	2	2	2	2	2	2	3	2
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		12	12	12	0	0	13	15	17	14	12	12	12	16	15
33 SM TH & MISC, CORRETTE		31	30	30	28	32	34	38	42	36	30	29	29	0	0
34 C.I., ID TO MONT, C/N XCHG		0	0	0	0	0	50	50	50	50	0	0	0	0	0
35 C.O., MONT TO ID, C/N XCHG		-75	-75	-75	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL NONDEDICATED RES		-29	-32	-32	30	34	99	105	112	103	44	42	42	19	18
37 TOTAL RESOURCES		361	348	348	398	430	507	538	575	525	423	384	384	372	403

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
MONTANA DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	3	3	3	3	3	3	4	4	4	3	3	3	4	4
2 BLACK EAGLE	5B1A	5	5	5	5	5	6	6	7	6	5	4	5	7	6
3 HOLTER	5B1A	14	14	14	13	15	15	17	18	16	14	12	15	18	17
4 HAUSER	5B1A	5	4	4	4	5	5	5	6	5	5	4	5	6	6
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6 MADISON	5B1A	3	3	3	2	3	3	3	3	3	3	2	3	3	3
7 RAINBOW	5B1A	10	10	10	9	10	11	12	13	11	10	9	10	13	12
8 COCHRANE	5B1A	15	14	14	14	15	15	17	18	16	14	12	15	19	17
9 RYAN	5B1A	12	11	11	11	12	12	14	15	13	11	8	10	12	14
10 MORONY	5B1A	14	13	13	13	14	14	16	17	15	13	12	14	18	16
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
12 KERR	5B1A	44	42	42	41	44	45	48	50	44	38	33	42	55	52
13 THOMPSON FALLS	5B1A	12	11	11	11	12	12	14	15	13	11	10	12	15	14
14 TOTAL HYDRO		136	130	130	126	139	142	155	166	148	127	110	133	171	162
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	92	88	88	86	95	97	107	116	104	89	78	94	0	56
16 COLSTRIP 3 SHARE	5B1B	61	59	59	57	63	64	71	77	69	59	52	0	79	73
17 TOTAL THERMAL		154	147	147	143	158	162	178	193	173	149	130	94	79	128
OTHER RESOURCES															
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	10	10	10	10	11	11	12	13	12	10	9	11	13	12
20 TOTAL OTHER RESOURCES		10	10	10	10	11	11	12	13	12	10	9	11	13	12
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MONT TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
24 BPA TO MONT,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 BPA TO MONT,C/N XCHG	5B1A	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26 TOTAL CONTRACTS IN		100	100	100	100	100	100	100	100	100	100	100	100	100	100

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
27 RESOURCES USED 79-80	5B1A	328	318	318	312	334	339	362	381	352	317	288	327	271	317
28 OTHER RESOURCES	5B1B	72	68	69	67	73	75	83	90	81	69	61	11	93	85
29 TOTAL DEDICATED RESOURCES		400	387	387	379	407	414	445	471	433	386	349	338	363	402
NONDEDICATED RESOURCES															
30 MAIN HYDRO, KERR		3	3	3	3	3	3	3	3	3	2	2	3	3	3
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		17	17	17	0	0	18	20	22	20	17	15	18	23	21
33 SM TH & MISC, CORRETTE		44	42	42	41	45	46	51	55	50	43	37	45	0	0
34 C.I., ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O., MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL NONDEDICATED RES		64	62	62	43	48	68	74	80	72	62	54	65	26	24
37 TOTAL RESOURCES		464	448	448	422	455	482	519	552	505	448	403	403	389	427

TABLE D-2

MONTANA DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
MONTANA DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MYSTIC LAKE	5B1A	5	5	5	5	5	5	5	6	5	5	5	5	7	6
2 BLACK EAGLE	5B1A	8	8	8	7	8	8	9	9	9	8	8	8	11	10
3 HOLTER	5B1A	21	21	21	20	22	22	24	25	23	21	21	21	30	27
4 HAUSER	5B1A	7	7	7	7	7	7	8	8	8	7	7	7	10	9
5 MILLTOWN & FLINTCREEK	5B1A	0	0	0	0	0	0	0	1	0	1	0	0	1	1
6 MADISON	5B1A	4	4	4	4	4	4	4	5	4	4	4	4	6	5
7 RAINBOW	5B1A	15	15	15	14	16	16	17	18	17	15	15	15	22	19
8 COCHRANE	5B1A	22	21	21	21	22	22	25	26	24	21	22	22	31	28
9 RYAN	5B1A	17	17	17	17	18	18	20	21	19	17	14	14	21	22
10 MORONY	5B1A	20	20	20	19	21	21	23	24	22	20	20	20	29	26
11 HEBGEN	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
12 KERR	5B1A	65	63	63	62	67	65	69	71	64	57	59	61	90	82
13 THOMPSON FALLS	5B1A	17	17	17	17	18	18	20	21	19	17	17	17	25	22
14 TOTAL HYDRO		203	196	196	193	209	207	224	233	215	190	193	194	282	258
LARGE THERMAL															
15 COLSTRIP 1&2 SHARE	5B1A	138	133	133	131	142	142	155	163	151	134	69	68	98	176
16 COLSTRIP 3 SHARE	5B1B	91	88	88	87	94	94	103	108	100	89	91	91	0	0
17 TOTAL THERMAL		229	221	221	218	236	236	258	272	251	222	160	159	98	176
OTHER RESOURCES															
18 SM TH&MSC,BIRD DED SHR	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 PURPA RESOURSES	5B1B	16	15	15	15	16	16	18	18	17	15	15	15	22	20
20 TOTAL OTHER RESOURCES		16	15	15	15	16	16	18	18	17	15	15	15	22	20
EXPORTS															
IMPORTS															
CONTRACTS OUT															
21 MONT TO BPA,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
24 BPA TO MONT,WNP1 OBL	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 BPA TO MONT,C/N XCHG	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-2 (CONTINUED)

MONTANA DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TOTAL DEDICATED RESOURCES															
27 RESOURCES USED 79-80	5B1A	341	329	329	324	351	349	380	397	366	324	262	262	380	434
28 OTHER RESOURCES	5B1B	107	103	103	102	110	110	120	127	117	104	107	106	22	20
29 TOTAL DEDICATED RESOURCES		448	432	432	425	461	459	500	523	483	428	369	369	402	454
NONDEDICATED RESOURCES															
30 MAIN HYDRO, KERR		4	4	4	4	4	4	4	5	4	4	4	4	6	5
MONTANA SHARE OF COLSTRIP 4 IS NOT CONSIDERED AVAILABLE TO SERVE REGIONAL LOADS															
31 LG THRM, COLSTRIP 4 SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 SM THRM & MISC, BIRD ND SHR		26	25	25	0	0	27	29	31	29	25	26	26	37	33
33 SM TH & MISC, CORRETTE		66	63	63	62	68	68	74	78	72	64	65	65	0	0
34 C.I., ID TO MONT, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 C.O., MONT TO ID, C/N XCHG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL NONDEDICATED RES		96	93	93	66	72	99	108	113	105	93	95	95	43	39
37 TOTAL RESOURCES		544	525	525	492	533	558	608	637	587	520	464	464	445	492

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PP&L 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	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	36	34	34	34	35	36	36	35	36	36	37	37	36	37
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MAIN HYDRO															
6 WELLS DED SHARE	5B1A	58	58	58	58	58	58	58	58	58	58	58	58	58	58
7 ROCKY REACH SHARE	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
8 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 PELTON REREG DED SHARE	5B1B	9	9	9	9	10	9	15	11	13	10	9	9	9	9
11 SWIFT 1 SHARE	5B1A	194	193	170	179	156	134	117	111	119	29	166	166	0	194
12 SWIFT 2 SHARE	5B1A	46	46	46	49	52	52	52	53	54	11	56	52	0	44
13 YALE	5B1A	129	129	130	127	124	124	124	122	121	112	105	101	133	132
14 MERWIN	5B1A	148	148	147	145	144	144	144	144	144	144	147	148	147	147
15 TOTAL HYDRO		1310	1297	1274	1277	1255	1230	1247	1224	1246	1099	1280	1272	1083	1311
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	608	608	608	608	608	608	608	608	608	608	304	304	304	608
17 TROJAN SHARE	5B1A	28	28	28	28	28	28	28	28	28	28	28	0	0	28
18 COLSTRIP 3 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	0	0	70
19 COLSTRIP 4 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	70	0	0
20 TOTAL LARGE THERMAL		776	776	776	776	776	776	776	776	776	776	472	374	304	706
OTHER RESOURCES															
21 PURPA RESOURCES DED SHR	5B1B	66	66	66	66	66	66	66	66	66	66	66	66	66	66
22 TOTAL OTHER RESOURCES		66	66	66	66	66	66	66	66	66	66	66	66	66	66
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1565	1585	1585	1280	1565	1550	1495	1390	1415	1155	1170	1170	1130	1465
24 TOTAL IMPORTS		1565	1585	1585	1280	1565	1550	1495	1390	1415	1155	1170	1170	1130	1465

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TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-26	-26	-26	-26
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 TOTAL CONTRACTS OUT		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-26	-26	-26	-26
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	102	102	102	102	102	102	102	102	102	102	93	93	93	93
30 SUPPLEMENTAL CAPACITY	5B1A	58	58	58	58	58	58	58	58	58	58	52	52	52	52
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,PEAK SALE	5B1A	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127	1127
33 BPA TO PP&L,WNP1 SET	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
34 WWP TO PP&L,SANDPOINT	5B1A	4	4	4	4	4	5	5	5	5	4	4	4	4	4
35 TOTAL CONTRACTS IN		1374	1374	1374	1374	1374	1375	1375	1375	1375	1374	1360	1360	1360	1360
TOTAL DEDICATED RESOURCES															
36 RESOURCES USED 79-80	5B1A	4767	4774	4751	4449	4711	4673	4629	4505	4550	4146	4026	3991	3761	4656
37 OTHER RESOURCES	5B1B	295	295	295	295	296	295	301	297	299	295	295	224	155	225
38 TOTAL DEDICATED RESOURCES		5062	5069	5046	4744	5007	4968	4930	4802	4849	4441	4321	4215	3916	4881
NONDEDICATED RESOURCES															
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PP&L TO PP&L N.CAL,PS		-28	-12	-12	50	39	27	7	5	27	32	34	34	25	17
42 EXP, PP&L TO PG&E,PWR SALE		-80	-80	-80	-80	-80	-100	-100	-100	-100	-100	-80	-80	-80	-80
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		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
45 EXP, PP&L TO UTAH,PWR SALE		-90	-90	-90	-90	0	0	0	0	0	0	0	0	0	-90
46 CONT OUT, PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT OUT, PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55
49 CONT OUT, PP&L TO PSP&L,PS2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
50 CONT IN, BPA TO PP&L,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 CONT IN, GRANT TO PP&L,PS		14	14	14	14	14	14	14	14	14	14	14	14	14	14
52 CONT IN, CHL TO PP&L,C/N X		103	103	103	103	103	103	103	103	103	103	103	103	103	103
53 CONT IN, WWP TO PP&L,WIDCO		8	8	8	8	8	8	8	8	8	8	8	8	8	8
54 PURPA RESOURCES		37	37	37	37	37	37	37	37	37	37	37	37	37	37
55 TOTAL NONDEDICATED RES		-492	-476	-476	-414	-335	-367	-387	-389	-367	-362	-340	-340	-349	-447
56 TOTAL RESOURCES		4570	4593	4570	4330	4672	4601	4543	4413	4483	4079	3981	3875	3568	4434

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PP&L 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	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	36	34	34	34	35	36	36	35	36	36	37	37	36	37
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MAIN HYDRO															
6 WELLS DED SHARE	5B1A	58	58	58	58	58	58	58	58	58	58	58	58	58	58
7 ROCKY REACH SHARE	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
8 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 PELTON REREG DED SHARE	5B1B	9	9	9	9	10	9	15	11	13	10	9	9	9	9
11 SWIFT 1 SHARE	5B1A	194	193	170	179	156	134	117	111	119	29	166	166	0	194
12 SWIFT 2 SHARE	5B1A	46	46	46	49	52	52	52	53	54	11	56	52	0	44
13 YALE	5B1A	129	129	130	127	124	124	124	122	121	112	105	101	133	132
14 MERWIN	5B1A	148	148	147	145	144	144	144	144	144	144	147	148	147	147
15 TOTAL HYDRO		1310	1297	1274	1277	1255	1230	1247	1224	1246	1099	1280	1272	1083	1311
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	608	608	608	608	608	608	608	608	608	608	304	304	304	608
17 TROJAN SHARE	5B1A	28	28	28	28	28	28	28	28	28	28	28	0	0	28
18 COLSTRIP 3 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	70	0	0
19 COLSTRIP 4 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	0	70	70
20 TOTAL LARGE THERMAL		776	776	776	776	776	776	776	776	776	776	472	374	374	706
OTHER RESOURCES															
21 PURPA RESOURCES DED SHR	5B1B	66	66	66	66	66	66	66	66	66	66	66	66	66	66
22 TOTAL OTHER RESOURCES		66	66	66	66	66	66	66	66	66	66	66	66	66	66
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1385	1470	1470	1475	1445	1425	1370	1330	1345	1305	820	820	760	1385
24 TOTAL IMPORTS		1385	1470	1470	1475	1445	1425	1370	1330	1345	1305	820	820	760	1385

TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-13	-13	-13	-13
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	-16	-13	-13	-13	-13
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	58	58	58	58	58	58	58	58	58	58	49	49	49	49
30 SUPPLEMENTAL CAPACITY	5B1A	31	31	31	31	31	31	31	31	31	31	26	26	26	26
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,PEAK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 SET	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
34 WWP TO PP&L,SANDPOINT	5B1A	4	4	4	4	4	5	5	0	0	0	0	0	0	0
35 TOTAL CONTRACTS IN		176	176	176	176	176	177	177	172	172	172	157	157	157	157
TOTAL DEDICATED RESOURCES															
36 RESOURCES USED 79-80	5B1A	3402	3474	3451	3459	3406	3363	3319	3255	3290	3107	2487	2452	2202	3387
37 OTHER RESOURCES	5B1B	295	295	295	295	296	295	301	297	299	295	295	224	225	225
38 TOTAL DEDICATED RESOURCES		3697	3768	3746	3754	3702	3658	3620	3552	3589	3402	2782	2676	2427	3612
NONDEDICATED RESOURCES															
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PP&L TO PP&L N.CAL,PS		-32	-15	-15	48	37	25	4	1	25	29	31	31	22	14
42 EXP, PP&L TO PG&E,PWR SALE		-80	-80	-80	-80	-80	-100	-100	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		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
45 EXP, PP&L TO UTAH,PWR SALE		-90	-90	-90	-90	0	0	0	0	0	0	0	0	0	-90
46 CONT OUT, PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT OUT, PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PP&L TO PSP&L,PS2		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
50 CONT IN, BPA TO PP&L,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, GRANT TO PP&L,PS		14	14	14	14	14	14	14	14	14	14	14	14	14	14
52 CONT IN, CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PURPA RESOURCES		37	37	37	37	37	37	37	37	37	37	37	37	37	37
55 TOTAL NONDEDICATED RES		-652	-635	-635	-572	-493	-361	-382	-285	-261	-339	-337	-337	-428	-526
56 TOTAL RESOURCES		3046	3134	3111	3182	3209	3297	3239	3267	3329	3064	2445	2340	2000	3086

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PP&L 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	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	36	34	34	34	35	36	36	35	36	36	37	37	36	37
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MAIN HYDRO															
6 WELLS DED SHARE	5B1A	58	58	58	58	58	58	58	58	58	58	58	58	58	58
7 ROCKY REACH SHARE	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
8 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
9 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
10 PELTON REREG DED SHARE	5B1B	9	9	9	9	10	9	15	11	13	10	9	9	9	9
11 SWIFT 1 SHARE	5B1A	194	193	170	179	156	134	117	111	119	29	166	166	0	194
12 SWIFT 2 SHARE	5B1A	46	46	46	49	52	52	52	53	54	11	56	52	0	44
13 YALE	5B1A	129	129	130	127	124	124	124	122	121	112	105	101	133	132
14 MERWIN	5B1A	148	148	147	145	144	144	144	144	144	144	147	148	147	147
15 TOTAL HYDRO		1310	1297	1274	1277	1255	1230	1247	1224	1246	1099	1280	1272	1083	1311
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	608	608	608	608	608	608	608	608	608	608	304	304	304	608
17 TROJAN SHARE	5B1A	28	28	28	28	28	28	28	28	28	28	28	0	0	28
18 COLSTRIP 3 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	0	70	70
19 COLSTRIP 4 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	70	0	0
20 TOTAL LARGE THERMAL		776	776	776	776	776	776	776	776	776	776	472	374	374	706
OTHER RESOURCES															
21 PURPA RESOURCES DED SHR	5B1B	66	66	66	66	66	66	66	66	66	66	66	66	66	66
22 TOTAL OTHER RESOURCES		66	66	66	66	66	66	66	66	66	66	66	66	66	66
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1335	1390	1390	1345	1385	1365	1300	1250	1270	1225	750	750	1180	1060
24 TOTAL IMPORTS		1335	1390	1390	1345	1385	1365	1300	1250	1270	1225	750	750	1180	1060

TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
26 CANADIAN ENTITL (CAN)	5B1A	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22
27 TOTAL CONTRACTS OUT		-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26
CONTRACTS IN															
28 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 CSPE PURCHASE	5B1A	19	19	19	19	19	19	19	19	19	19	19	19	19	19
30 SUPPLEMENTAL CAPACITY	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	9
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,PEAK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 SET	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL CONTRACTS IN		32	32	32	32	32	32	32	32	32	32	31	31	31	31
TOTAL DEDICATED RESOURCES															
36 RESOURCES USED 79-80	5B1A	3277	3319	3296	3254	3271	3227	3173	3104	3144	2956	2357	2322	2562	3002
37 OTHER RESOURCES	5B1B	215	215	215	215	216	215	221	217	219	215	215	144	145	145
38 TOTAL DEDICATED RESOURCES		3492	3534	3511	3469	3487	3442	3394	3321	3363	3171	2572	2466	2708	3147
NONDEDICATED RESOURCES															
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PP&L TO PP&L N.CAL,PS		-38	-21	-21	43	31	19	-2	-8	18	22	24	24	15	6
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		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
45 EXP, PP&L TO UTAH,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT OUT, PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT OUT, PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PP&L TO PSP&L,PS2		-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200	-200
50 CONT IN, BPA TO PP&L,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 CONT IN, CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PURPA RESOURCES		37	37	37	37	37	37	37	37	37	37	37	37	37	37
55 TOTAL NONDEDICATED RES		-502	-485	-485	-421	-433	-281	-302	-308	-282	-360	-358	-358	-449	-458
56 TOTAL RESOURCES		2991	3049	3026	3049	3055	3161	3093	3013	3082	2812	2215	2109	2259	2689

TABLE D-3

PP&L DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PP&L 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	40	30	30	26	27	24	52	41	52	51	51	51	50	39
3 KLAMATH	5B1A	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4 CNDT,SM PLTS & BIG FK	5B1A	36	34	34	34	35	36	36	35	36	36	37	37	36	37
5 USBR GREENSPRINGS	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
MAIN HYDRO															
6 WELLS DED SHARE	5B1A	58	58	58	58	58	58	58	58	58	58	58	58	58	58
7 ROCKY REACH SHARE	5B1A	68	68	68	68	68	68	68	68	68	68	68	68	68	68
8 WANAPUM SHARE	5B1A	170	170	170	170	170	0	0	0	0	0	0	0	0	0
9 PRIEST RAPIDS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 PELTON REREG DED SHARE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SWIFT 1 SHARE	5B1A	194	193	170	179	156	134	117	111	119	29	166	166	0	194
12 SWIFT 2 SHARE	5B1A	46	46	46	49	52	52	52	53	54	11	56	52	0	44
13 YALE	5b1A	129	129	130	127	124	124	124	122	121	112	105	101	133	132
14 MERWIN	5B1A	148	148	147	145	144	144	144	144	144	144	147	148	147	147
15 TOTAL HYDRO		1175	1162	1139	1142	1119	925	937	917	938	794	975	967	778	1006
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	608	608	608	608	608	608	608	608	608	608	304	304	304	608
17 TROJAN SHARE	5B1A	28	28	28	28	28	28	28	28	28	28	28	0	0	28
18 COLSTRIP 3 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	70	0	0
19 COLSTRIP 4 SHARE	5B1B	70	70	70	70	70	70	70	70	70	70	70	70	0	0
20 TOTAL LARGE THERMAL		776	776	776	776	776	776	776	776	776	776	472	444	304	636
OTHER RESOURCES															
21 PURPA RESOURCES DED SHR	5B1B	58	58	58	58	58	58	58	58	58	58	58	58	58	58
22 TOTAL OTHER RESOURCES		58	58	58	58	58	58	58	58	58	58	58	58	58	58
EXPORTS															
IMPORTS															
23 PP&L (WYO) TO PP&L	5B1A	1250	1290	1290	1305	1260	1240	1170	1115	1096	1090	830	830	810	1195
24 TOTAL IMPORTS		1250	1290	1290	1305	1260	1240	1170	1115	1096	1090	830	830	810	1195

TABLE D-3 (CONTINUED)

PP&L DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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	-28	-28	-28	-28	-28	-10	-10	-10	-10	-10	-10	-10	-10	-10
27 TOTAL CONTRACTS OUT		-28	-28	-28	-28	-28	-10	-10	-10	-10	-10	-10	-10	-10	-10
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,PEAK SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 BPA TO PP&L,WNP1 SET	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 TOTAL CONTRACTS IN		3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL DEDICATED RESOURCES															
36 RESOURCES USED 79-80	5B1A	3036	3063	3040	3058	2990	2794	2735	2661	2662	2512	2129	2094	1884	2829
37 OTHER RESOURCES	5B1B	198	198	198	198	198	198	198	198	198	198	198	198	58	58
38 TOTAL DEDICATED RESOURCES		3234	3261	3238	3256	3188	2992	2933	2859	2860	2711	2327	2292	1943	2887
NONDEDICATED RESOURCES															
39 M HYDRO, WELLS ND SHARE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 M HYDRO, PELTON REREG		9	9	9	9	10	9	15	11	13	10	9	9	9	9
41 EXP, PP&L TO PP&L N.CAL,PS		-53	-35	-35	32	19	5	-18	-25	-2	8	10	10	0	-9
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		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 EXP, PP&L TO UTAH,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT OUT, PP&L TO BPA,WP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT OUT, PP&L TO CHL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT OUT, PP&L TO PSP&L,PS1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 CONT IN, BPA TO PP&L,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 CONT IN, CHL TO PP&L,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 PURPA RESOURCES		37	37	37	37	37	37	37	37	37	37	37	37	37	37
55 TOTAL NONDEDICATED RES		-107	-90	-90	-22	-34	114	97	86	112	36	38	37	-54	-63
56 TOTAL RESOURCES		3127	3171	3148	3234	3154	3106	3031	2945	2971	2747	2365	2329	1889	2824

TABLE D-4

PGE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PGE 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	14
3 LAKE OSWEGO CORP	5B1A	1	1	1	1	1	1	1	1	1	0	1	1	1	1
MAIN HYDRO															
4 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
6 OAK GROVE	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
8 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
9 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
12 ROCKY REACH SHARE	5B1A	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 WELLS SHARE	5B1A	172	172	172	172	172	172	172	172	172	172	172	172	172	172
14 TOTAL HYDRO		1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235
LARGE THERMAL															
15 CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	32	16	16	16	32
16 TROJAN SHARE	5B1A	745	745	745	745	745	745	745	745	745	745	745	0	0	745
17 TOTAL THERMAL		777	777	777	777	777	777	777	777	777	777	761	16	16	777
OTHER RESOURCES															
18 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19 C.T., BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 C.T., BEAVER	5B1A	84	84	84	102	105	107	109	109	108	66	88	88	87	85
21 TOTAL OTHER RESOURCES		94	94	94	112	115	118	119	120	119	76	98	98	97	95
EXPORTS															
IMPORTS															
CONTRACTS OUT															
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	-41	-41	-41	-41	-41	-41	-41	-41	-41	-41	-37	-37	-37	-37
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-44	-44	-44	-44	-44	-44	-44	-44	-44	-44	-40	-40	-40	-40

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	179	179	179	179	179	179	179	179	179	179	163	163	163	163
28 SUPPLEMENTAL CAPACITY	5B1A	82	82	82	82	82	82	82	82	82	82	74	74	74	74
29 BPA TO PGE,PK S (82%)	5B1A	205	205	205	205	205	205	205	205	205	205	205	205	205	205
30 TOTAL CONTRACTS IN		465	465	465	465	465	465	465	465	465	465	442	442	442	442
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2528	2528	2528	2546	2549	2551	2553	2554	2552	2510	2496	1751	1749	2509
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		2528	2528	2528	2546	2549	2551	2553	2554	2552	2510	2496	1751	1749	2509
NONDEDICATED RESOURCES															
34 HYDRO IND, PRTLD HYDRO PROJ		2	1	1	1	1	1	15	7	27	12	8	8	10	3
35 LG THRM, BOARDMAN SHARE		349	349	349	349	349	349	349	349	349	0	0	349	349	349
36 LG THRM, COLSTRIP 3 SHARE		140	140	140	140	140	140	140	140	140	140	140	0	0	140
37 LG THRM, COLSTRIP 4 SHARE		140	140	140	140	140	140	140	140	140	140	140	140	0	0
38 C.T., BEAVER		327	327	327	398	406	417	421	425	421	256	340	340	336	331
39 C.T., BETHEL		99	99	99	101	105	109	111	112	111	109	106	106	103	101
40 EXP, PGE TO PG&E,PEAK SALE		-400	-400	-400	-400	-400	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-30	-30	-30	0	0	0	0	-30	-30	-30	-30	-30	-30	-30
42 EXP, PGE TO PGX,PWR SALE 2		0	0	0	-47	-47	-47	-47	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
44 EXP, PGE TO SCE,PWR SALE 2		-100	-100	-100	-100	-100	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	-225
46 EXP, PGE TO WAPA,PWR SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 IMP, SCE TO PGE,SEA PWR XCH		0	0	0	0	0	225	225	225	225	0	0	0	0	0
48 CONT OUT, PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 CONT IN, BPA TO PGE,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, BPA TO PGE,FALL PS		0	0	0	47	47	47	47	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		45	45	45	45	45	45	45	45	45	45	45	45	45	45
53 CONT IN, BPA TO PGE,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	80
54 CONT IN, CHEL TO PGE,C/N X		25	25	25	25	25	0	0	0	0	0	0	0	0	25
55 PURPA RESOURCES		25	25	25	25	25	25	25	25	25	25	25	25	25	25
56 TOTAL NONDEDICATED RES		627	626	626	729	741	1620	1640	1607	1621	784	862	1070	844	770
57 TOTAL RESOURCES		3154	3154	3154	3275	3290	4171	4193	4160	4174	3294	3357	2821	2593	3279

TABLE D-4

PGE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PGE															
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	14
3 LAKE OSWEGO CORP	5B1A	1	1	1	1	1	1	1	1	1	0	1	1	1	1
MAIN HYDRO															
4 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
6 OAK GROVE	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
8 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
9 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
12 ROCKY REACH SHARE	5B1A	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 WELLS SHARE	5B1A	172	172	172	172	172	172	172	172	172	172	172	172	172	172
14 TOTAL HYDRO		1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235
LARGE THERMAL															
15 CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	32	16	16	16	32
16 TROJAN SHARE	5B1A	745	745	745	745	745	745	745	745	745	745	745	0	0	745
17 TOTAL THERMAL		777	777	777	777	777	777	777	777	777	777	761	16	16	777
OTHER RESOURCES															
18 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19 C.T., BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 C.T., BEAVER	5B1A	84	84	84	102	105	107	109	109	108	66	88	88	87	85
21 TOTAL OTHER RESOURCES		94	94	94	112	115	118	119	120	119	76	98	98	97	95
EXPORTS															
IMPORTS															
CONTRACTS OUT															
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	-22	-22	-22	-22	-22	-22	-22	-22	-22	-22	-18	-18	-18	-18
24 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-21	-21	-21	-21

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	101	101	101	101	101	101	101	101	101	101	85	85	85	85
28 SUPPLEMENTAL CAPACITY	5B1A	44	44	44	44	44	44	44	44	44	44	37	37	37	37
29 BPA TO PGE,PK S (82%)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 TOTAL CONTRACTS IN		145	145	145	145	145	145	145	145	145	145	122	122	122	122
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2226	2226	2226	2245	2247	2250	2251	2252	2251	2208	2195	1449	1448	2208
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		2226	2226	2226	2245	2247	2250	2251	2252	2251	2208	2195	1449	1448	2208
NONDEDICATED RESOURCES															
34 HYDRO IND, PRTLD HYDRO PROJ		2	1	1	1	1	1	15	7	27	12	8	8	10	3
35 LG THRM, BOARDMAN SHARE		349	349	349	349	349	349	349	349	349	0	0	349	349	349
36 LG THRM, COLSTRIP 3 SHARE		140	140	140	140	140	140	140	140	140	140	140	140	0	0
37 LG THRM, COLSTRIP 4 SHARE		140	140	140	140	140	140	140	140	140	140	140	0	140	140
38 C.T., BEAVER		327	327	327	398	406	417	421	425	421	256	340	340	336	331
39 C.T., BETHEL		99	99	99	101	105	109	111	112	111	109	106	106	103	101
40 EXP, PGE TO PG&E,PEAK SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-30	-30	-30	0	0	0	0	-30	-30	-30	-30	-30	-30	-30
42 EXP, PGE TO PGX,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
44 EXP, PGE TO SCE,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		-225	-225	-225	-225	0	0	0	0	0	0	0	0	0	-225
46 EXP, PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
47 IMP, SCE TO PGE,SEA PWR XCH		0	0	0	0	0	225	225	225	225	0	0	0	0	0
48 CONT OUT, PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 CONT IN, BPA TO PGE,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, BPA TO PGE,FALL PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, BPA TO PGE,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	80
54 CONT IN, CHEL TO PGE,C/N X		50	50	50	50	50	0	0	0	0	0	0	0	0	50
55 PURPA RESOURCES		25	25	25	25	25	25	25	25	25	25	25	25	25	25
56 TOTAL NONDEDICATED RES		816	816	816	918	1156	1509	1530	1496	1511	674	751	960	873	684
57 TOTAL RESOURCES		3042	3042	3042	3163	3403	3759	3781	3748	3762	2882	2946	2409	2321	2892

TABLE D-4

PGE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PGE 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	14
3 LAKE OSWEGO CORP	5B1A	1	1	1	1	1	1	1	1	1	0	1	1	1	1
MAIN HYDRO															
4 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
6 OAK GROVE	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
8 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
9 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
10 PRIEST RAPIDS SHARE	5B1A	125	125	125	125	125	125	125	125	125	125	125	125	125	125
11 WANAPUM SHARE	5B1A	170	170	170	170	170	170	170	170	170	170	170	170	170	170
12 ROCKY REACH SHARE	5B1A	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 WELLS SHARE	5B1A	172	172	172	172	172	172	172	172	172	172	172	172	172	172
14 TOTAL HYDRO		1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235	1235
LARGE THERMAL															
15 CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	32	16	16	16	32
16 TROJAN SHARE	5B1A	745	745	745	745	745	745	745	745	745	745	745	0	0	745
17 TOTAL THERMAL		777	777	777	777	777	777	777	777	777	777	761	16	16	777
OTHER RESOURCES															
18 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19 C.T., BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 C.T., BEAVER	5B1A	84	84	84	102	105	107	109	109	108	66	88	88	87	85
21 TOTAL OTHER RESOURCES		94	94	94	112	115	118	119	120	119	76	98	98	97	95
EXPORTS															
IMPORTS															
CONTRACTS OUT															
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
24 CANADIAN ENTITL (CAN)	5B1A	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	34	34	34	34	34	34	34	34	34	34	33	33	33	33
28 SUPPLEMENTAL CAPACITY	5B1A	14	14	14	14	14	14	14	14	14	14	13	13	13	13
29 BPA TO PGE,PK S (82%)	5B1A	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	47	46	46	46	46
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2113	2113	2113	2132	2134	2137	2138	2139	2138	2095	2100	1355	1354	2114
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		2113	2113	2113	2132	2134	2137	2138	2139	2138	2095	2100	1355	1354	2114
NONDEDICATED RESOURCES															
34 HYDRO IND, PRTLD HYDRO PROJ		2	1	1	1	1	1	15	7	27	12	8	8	10	3
35 LG THRM, BOARDMAN SHARE		349	349	349	349	349	349	349	349	349	0	0	349	349	349
36 LG THRM, COLSTRIP 3 SHARE		140	140	140	140	140	140	140	140	140	140	140	0	140	140
37 LG THRM, COLSTRIP 4 SHARE		140	140	140	140	140	140	140	140	140	140	140	140	0	0
38 C.T., BEAVER		327	327	327	398	406	417	421	425	421	256	340	340	336	331
39 C.T., BETHEL		99	99	99	101	105	109	111	112	111	109	106	106	103	101
40 EXP, PGE TO PG&E,PEAK SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-30	-30	-30	0	0	0	0	-30	-30	-30	-30	-30	-30	-30
42 EXP, PGE TO PGX,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
44 EXP, PGE TO SCE,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		-225	-225	-225	-225	0	0	0	0	0	0	0	0	0	-225
46 EXP, PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
47 IMP, SCE TO PGE,SEA PWR XCH		0	0	0	0	0	225	225	225	225	0	0	0	0	0
48 CONT OUT, PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 CONT IN, BPA TO PGE,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, BPA TO PGE,FALL PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT IN, CHEL TO PGE,C/N X		50	50	50	50	50	0	0	0	0	0	0	0	0	50
55 PURPA RESOURCES		25	25	25	25	25	25	25	25	25	25	25	25	25	25
56 TOTAL NONDEDICATED RES		736	736	736	838	1076	1429	1450	1416	1431	594	671	880	793	604
57 TOTAL RESOURCES		2850	2849	2849	2970	3210	3566	3588	3555	3569	2689	2771	2235	2147	2718

TABLE D-4

PGE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PGE 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	14
3 LAKE OSWEGO CORP	5B1A	1	1	1	1	1	1	1	1	1	0	1	1	1	1
MAIN HYDRO															
4 ROUND BUTTE	5B1A	300	300	300	300	300	300	300	300	300	300	300	300	300	300
5 PELTON	5B1A	108	108	108	108	108	108	108	108	108	108	108	108	108	108
6 OAK GROVE	5B1A	50	50	50	50	50	50	50	50	50	50	50	50	50	50
7 NORTH FORK	5B1A	54	54	54	54	54	54	54	54	54	54	54	54	54	54
8 FARADAY	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
9 RIVER MILL	5B1A	23	23	23	23	23	23	23	23	23	23	23	23	23	23
10 PRIEST RAPIDS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 WANAPUM SHARE	5B1A	170	170	170	170	170	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	154	154	154	154	154	154	154	154	154	154	154	154	154	154
13 WELLS SHARE	5B1A	172	172	172	172	172	172	172	172	172	172	172	172	172	172
14 TOTAL HYDRO		1111	1111	1111	1111	1111	940	940	940	940	940	940	940	940	940
LARGE THERMAL															
15 CENTRALIA SHARE	5B1A	32	32	32	32	32	32	32	32	32	32	16	16	16	32
16 TROJAN SHARE	5B1A	745	745	745	745	745	745	745	745	745	745	745	0	0	745
17 TOTAL THERMAL		777	777	777	777	777	777	777	777	777	777	761	16	16	777
OTHER RESOURCES															
18 SM TH&MISC, SUMMIT 1&2	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
19 C.T., BETHEL	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 C.T., BEAVER	5B1A	84	84	84	102	105	107	109	109	108	66	88	88	87	85
21 TOTAL OTHER RESOURCES		94	94	94	112	115	118	119	120	119	76	98	98	97	95
EXPORTS															
IMPORTS															
CONTRACTS OUT															
22 PGE TO PP&L,COVE REP	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
23 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 CANADIAN ENTITL (CAN)	5B1A	-45	-45	-45	-45	-45	-27	-27	-27	-27	-27	-27	-27	-27	-27
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-48	-48	-48	-48	-48	-30	-30	-30	-30	-30	-30	-30	-30	-30

TABLE D-4 (CONTINUED)

PGE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 PGE,PK S (82%)	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 RESOURCES USED 79-80	5B1A	1934	1934	1934	1953	1955	1806	1807	1808	1807	1764	1770	1025	1023	1783
32 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL DEDICATED RESOURCES		1934	1934	1934	1953	1955	1806	1807	1808	1807	1764	1770	1025	1023	1783
NONDEDICATED RESOURCES															
34 HYDRO IND, PRTLD HYDRO PROJ		2	1	1	1	1	1	15	7	27	12	8	8	10	3
35 LG THRM, BOARDMAN SHARE		349	349	349	349	349	349	349	349	349	0	0	349	349	349
36 LG THRM, COLSTRIP 3 SHARE		140	140	140	140	140	140	140	140	140	140	140	140	0	0
37 LG THRM, COLSTRIP 4 SHARE		140	140	140	140	140	140	140	140	140	140	140	140	0	0
38 C.T., BEAVER		327	327	327	398	406	417	421	425	421	256	340	340	336	331
39 C.T., BETHEL		99	99	99	101	105	109	111	112	111	109	106	106	103	101
40 EXP, PGE TO PG&E,PEAK SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 EXP, PGE TO PGX,PWR SALE 1		-30	-30	-30	0	0	0	0	-30	-30	-30	-30	-30	-30	-30
42 EXP, PGE TO PGX,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 EXP, PGE TO SCE,PWR SALE 1		-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75	-75
44 EXP, PGE TO SCE,PWR SALE 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 EXP, PGE TO SCE,SEA PWR XCH		-225	-225	-225	-225	0	0	0	0	0	0	0	0	0	0
46 EXP, PGE TO WAPA,PWR SALE		-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
47 IMP, SCE TO PGE,SEA PWR XCH		0	0	0	0	0	225	225	225	225	0	0	0	0	0
48 CONT OUT, PGE TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 CONT OUT, PGE TO CHEL,C/N X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 CONT IN, BPA TO PGE,WNP3 S		0	0	0	0	0	164	164	164	164	82	82	82	0	0
51 CONT IN, BPA TO PGE,FALL PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
52 CONT IN, BPA TO PGE,PKS 18%		0	0	0	0	0	0	0	0	0	0	0	0	0	0
53 CONT IN, BPA TO PGE,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT IN, CHEL TO PGE,C/N X		50	50	50	50	50	0	0	0	0	0	0	0	0	50
55 PURPA RESOURCES		25	25	25	25	25	25	25	25	25	25	25	25	25	25
56 TOTAL NONDEDICATED RES		736	736	736	838	1076	1429	1450	1416	1431	594	671	1020	653	689
57 TOTAL RESOURCES		2671	2670	2670	2791	3031	3235	3257	3224	3238	2358	2441	2045	1677	2473

TABLE D-5

PSP&L DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PSP&L DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
MAIN HYDRO															
2 WHITE	5B1A	64	64	64	64	64	64	64	60	49	49	45	48	54	62
3 UPPER BAKER	5B1A	101	101	101	101	100	98	95	92	89	84	80	85	93	100
4 LOWER BAKER	5B1A	71	71	71	71	71	71	67	63	58	52	51	54	61	69
5 WELLS SHARE	5B1A	266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 ROCKY REACH SHARE	5B1A	500	500	500	500	500	500	500	500	500	500	500	500	500	500
7 ROCK ISLAND SHARE	5B1A	536	536	536	536	536	538	539	540	537	537	536	539	545	536
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		1780	1780	1780	1780	1779	1777	1772	1762	1741	1730	1720	1734	1761	1775
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	141	141	141	141	141	141	141	141	141	141	70	70	70	141
12 COLSTRIP 1&2 SHARE	5B1A	317	317	317	317	317	317	317	317	317	317	157	160	160	317
13 COLSTRIP 3 DED SHARE	5B1B	49	49	49	49	49	49	49	49	49	49	49	0	0	49
14 COLSTRIP 4 DED SHARE	5B1B	49	49	49	49	49	49	49	49	49	49	49	49	0	0
15 TOTAL LARGE THERMAL		556	556	556	556	556	556	556	556	556	556	325	279	230	507
OTHER RESOURCES															
16 C.T., WHIDBEY ISLAND	5B1A	0	0	0	0	0	29	29	29	29	0	0	0	0	0
17 C.T., WHITEHORN 1	5B1A	0	0	0	0	0	67	67	67	67	0	0	0	0	0
18 C.T., WHITEHORN 2 & 3	5B1B	0	0	0	0	0	178	178	178	178	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	0	86	86	86	86	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	3	3	3	3	0	0	0	0	0
21 PURPA DED SHARE	5B1B	49	49	49	49	49	49	49	49	49	49	49	49	49	49
22 TOTAL OTHER RESOURCES		49	49	49	49	49	412	412	412	412	49	49	49	49	49
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	-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-55	-55	-55	-55
25 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-62	-62	-62	-62	-62	-62	-62	-62	-62	-62	-55	-55	-55	-55

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	179	179	179	179	179	179	179	179	179	179	163	163	163	163
28 SUPPLEMENTAL CAPACITY	5B1A	124	124	124	124	124	124	124	124	124	124	110	110	110	110
29 BPA TO PSP&L,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
30 TOTAL CONTRACTS IN		383	383	383	383	383	383	383	383	383	383	353	353	353	353
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2478	2478	2478	2478	2478	2661	2656	2645	2624	2429	2166	2182	2210	2451
32 OTHER RESOURCES	5B1B	227	227	227	227	227	405	405	405	405	227	227	178	129	178
33 TOTAL DEDICATED RESOURCES		2705	2705	2705	2705	2705	3066	3061	3050	3029	2656	2393	2360	2339	2629
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		126	126	126	126	126	126	126	126	126	126	126	0	0	126
35 LG THRM, COLSTRIP 4 ND SHR		126	126	126	126	126	126	126	126	126	126	126	126	0	0
36 C.T., FREDRICKSON		0	0	0	0	0	178	178	178	178	0	0	0	0	0
37 C.T., FREDONIA		0	0	0	0	0	247	247	247	247	0	0	0	0	0
38 CONT OUT, PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 CONT OUT,PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 CONT IN, BPA TO PSP&L,WNP3		0	0	0	0	0	82	82	82	82	82	82	82	0	0
41 CONT IN, PP&L TO PSP&L,PS2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
42 CONT IN,BPA TO PSP&L,BK HD		0	0	0	0	0	7	7	7	7	0	0	0	0	0
43 CONT IN,BPA TO PSP&L,PS/PXC		0	0	0	0	300	300	300	300	300	300	0	0	0	0
44 CONT IN,PP&L TO PSP&L,P S		55	55	55	55	55	55	55	55	55	55	55	55	55	55
45 CONT IN,WWP TO PSP&L, PS 1		55	55	55	55	55	55	55	55	55	55	55	55	55	55
46 CONT IN,WWP TO PSP&L, PS 2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
47 CONT IN,N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
48 PURPA		4	4	4	4	4	4	4	4	4	4	4	4	4	4
49 TOTAL NONDEDICATED RES		570	570	570	570	870	1384	1384	1384	1384	952	652	526	318	444
50 TOTAL RESOURCES		3275	3275	3275	3275	3575	4450	4445	4434	4413	3608	3045	2886	2657	3073

TABLE D-5

PSP&L DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PSP&L DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
MAIN HYDRO															
2 WHITE	5B1A	64	64	64	64	64	64	64	60	49	49	45	48	54	62
3 UPPER BAKER	5B1A	101	101	101	101	100	98	95	92	89	84	80	85	93	100
4 LOWER BAKER	5B1A	71	71	71	71	71	71	67	63	58	52	51	54	61	69
5 WELLS SHARE	5B1A	266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 ROCKY REACH SHARE	5B1A	500	500	500	500	500	500	500	500	500	500	500	500	500	500
7 ROCK ISLAND SHARE	5B1A	509	509	509	509	509	511	512	513	510	510	509	512	520	509
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		1752	1752	1752	1752	1751	1750	1746	1736	1713	1703	1692	1707	1736	1747
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	141	141	141	141	141	141	141	141	141	141	70	70	70	141
12 COLSTRIP 1&2 SHARE	5B1A	317	317	317	317	317	317	317	317	317	317	160	157	157	317
13 COLSTRIP 3 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	61	0	0
14 COLSTRIP 4 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	0	61	61
15 TOTAL LARGE THERMAL		580	580	580	580	580	580	580	580	580	580	353	289	289	519
OTHER RESOURCES															
16 C.T., WHIDBEY ISLAND	5B1A	0	0	0	0	0	29	29	29	29	0	0	0	0	0
17 C.T., WHITEHORN 1	5B1A	0	0	0	0	0	67	67	67	67	0	0	0	0	0
18 C.T., WHITEHORN 2 & 3	5B1B	0	0	0	0	0	178	178	178	178	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	0	86	86	86	86	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	3	3	3	3	0	0	0	0	0
21 PURPA DED SHARE	5B1B	49	47	47	47	47	47	47	47	47	47	47	47	47	47
22 TOTAL OTHER RESOURCES		49	47	47	47	47	410	410	410	410	47	47	47	47	47
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	-32	-27	-27	-27	-27
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	-32	-27	-27	-27	-27

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	101	101	101	101	101	101	101	101	101	101	85	85	85	85
28 SUPPLEMENTAL CAPACITY	5B1A	63	63	63	63	63	63	63	63	63	63	53	53	53	53
29 BPA TO PSP&L,WNP1 OBL	5B1B	80	80	80	80	80	80	80	80	80	80	80	80	80	80
30 TOTAL CONTRACTS IN		244	244	244	244	244	244	244	244	244	244	218	218	218	218
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2342	2342	2342	2342	2342	2525	2520	2510	2488	2293	2034	2046	2075	2316
32 OTHER RESOURCES	5B1B	251	249	249	249	249	428	428	428	428	249	249	188	188	188
33 TOTAL DEDICATED RESOURCES		2594	2592	2592	2592	2591	2953	2948	2938	2916	2543	2284	2234	2264	2505
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		114	114	114	114	114	114	114	114	114	114	114	114	0	0
35 LG THRM, COLSTRIP 4 ND SHR		114	114	114	114	114	114	114	114	114	114	114	0	114	114
36 C.T., FREDRICKSON		0	0	0	0	0	178	178	178	178	0	0	0	0	0
37 C.T., FREDONIA		0	0	0	0	0	247	247	247	247	0	0	0	0	0
38 CONT OUT, PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 CONT OUT,PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 CONT IN, BPA TO PSP&L,WNP3		0	0	0	0	0	82	82	82	82	82	82	82	0	0
41 CONT IN, PP&L TO PSP&L,PS2		200	200	200	200	200	200	200	200	200	200	200	200	200	200
42 CONT IN,BPA TO PSP&L,BK HD		0	0	0	0	0	7	7	7	7	0	0	0	0	0
43 CONT IN,BPA TO PSP&L,PS/PXC		0	0	0	0	300	300	300	300	300	300	0	0	0	0
44 CONT IN,PP&L TO PSP&L,P S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT IN,WWP TO PSP&L, PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT IN,WWP TO PSP&L, PS 2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
47 CONT IN,N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
48 PURPA		4	4	4	4	4	4	4	4	4	4	4	4	4	4
49 TOTAL NONDEDICATED RES		535	535	535	535	835	1349	1349	1349	1349	917	617	504	422	422
50 TOTAL RESOURCES		3129	3127	3127	3127	3427	4302	4297	4288	4265	3460	2901	2738	2685	2926

TABLE D-5

PSP&L DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PSP&L DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
MAIN HYDRO															
2 WHITE	5B1A	64	64	64	64	64	64	64	60	49	49	45	48	54	62
3 UPPER BAKER	5B1A	101	101	101	101	100	98	95	92	89	84	80	85	93	100
4 LOWER BAKER	5B1A	71	71	71	71	71	71	67	63	58	52	51	54	61	69
5 WELLS SHARE	5B1A	266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 ROCKY REACH SHARE	5B1A	500	500	500	500	500	500	500	500	500	500	500	500	500	500
7 ROCK ISLAND SHARE	5B1A	449	449	449	449	449	452	453	454	451	451	449	452	461	449
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		1693	1693	1693	1693	1692	1691	1686	1676	1654	1644	1633	1648	1677	1688
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	141	141	141	141	141	141	141	141	141	141	70	70	70	141
12 COLSTRIP 1&2 SHARE	5B1A	317	317	317	317	317	317	317	317	317	317	317	317	0	160
13 COLSTRIP 3 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	0	61	61
14 COLSTRIP 4 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	61	0	0
15 TOTAL LARGE THERMAL		580	580	580	580	580	580	580	580	580	580	510	449	132	362
OTHER RESOURCES															
16 C.T., WHIDBEY ISLAND	5B1A	0	0	0	0	0	29	29	29	29	0	0	0	0	0
17 C.T., WHITEHORN 1	5B1A	0	0	0	0	0	67	67	67	67	0	0	0	0	0
18 C.T., WHITEHORN 2 & 3	5B1B	0	0	0	0	0	178	178	178	178	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	0	86	86	86	86	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	3	3	3	3	0	0	0	0	0
21 PURPA DED SHARE	5B1B	49	47	47	47	47	47	47	47	47	47	47	47	47	47
22 TOTAL OTHER RESOURCES		49	47	47	47	47	410	410	410	410	47	47	47	47	47
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	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
25 CANADIAN ENTITL (CAN)	5B1A	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45	-45
26 TOTAL CONTRACTS OUT		-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-54	-54	-54	-54

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	34	34	34	34	34	34	34	34	34	34	33	33	33	33
28 SUPPLEMENTAL CAPACITY	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	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		54	54	54	54	54	54	54	54	54	54	52	52	52	52
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	2149	2150	2150	2150	2149	2333	2328	2318	2296	2101	2018	2033	1745	1986
32 OTHER RESOURCES	5B1B	171	169	169	169	169	348	348	348	348	169	169	108	108	108
33 TOTAL DEDICATED RESOURCES		2321	2319	2319	2319	2318	2680	2675	2665	2643	2270	2188	2141	1853	2095
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		114	114	114	114	114	114	114	114	114	114	114	0	114	114
35 LG THRM, COLSTRIP 4 ND SHR		114	114	114	114	114	114	114	114	114	114	114	114	0	0
36 C.T., FREDRICKSON		0	0	0	0	0	178	178	178	178	0	0	0	0	0
37 C.T., FREDONIA		0	0	0	0	0	247	247	247	247	0	0	0	0	0
38 CONT OUT, PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 CONT OUT,PSP&L TO BPA,P XCH		-300	-300	-300	-300	-300	0	0	0	0	0	0	0	0	0
40 CONT IN, BPA TO PSP&L,WNP3		0	0	0	0	0	82	82	82	82	82	82	82	0	0
41 CONT IN, PP&L TO PSP&L,PS2		200	200	200	200	200	200	200	200	200	200	200	200	200	200
42 CONT IN,BPA TO PSP&L,BK HD		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 CONT IN,BPA TO PSP&L,PS/PXC		0	0	0	0	0	300	300	300	300	0	0	0	0	0
44 CONT IN,PP&L TO PSP&L,P S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT IN,WWP TO PSP&L, PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT IN,WWP TO PSP&L, PS 2		100	100	100	100	100	100	100	100	100	100	100	100	100	100
47 CONT IN,N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
48 PURPA		4	4	4	4	4	4	4	4	4	4	4	4	4	4
49 TOTAL NONDEDICATED RES		235	235	235	235	235	1342	1342	1342	1342	617	617	504	422	422
50 TOTAL RESOURCES		2556	2555	2555	2555	2554	4023	4018	4008	3986	2887	2805	2645	2275	2516

TABLE D-5

PSP&L DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PSP&L DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SNOQUALMIE, ELCT & NK	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
MAIN HYDRO															
2 WHITE	5B1A	64	64	64	64	64	64	64	60	49	49	45	48	54	62
3 UPPER BAKER	5B1A	101	101	101	101	100	98	95	92	89	84	80	85	93	100
4 LOWER BAKER	5B1A	71	71	71	71	71	71	67	63	58	52	51	54	61	69
5 WELLS SHARE	5B1A	266	266	266	266	266	266	266	266	266	266	266	266	266	266
6 ROCKY REACH SHARE	5B1A	500	500	500	500	500	500	500	500	500	500	500	500	500	500
7 ROCK ISLAND SHARE	5B1A	307	307	307	307	307	307	307	307	307	307	307	307	307	307
8 WANAPUM SHARE	5B1A	98	98	98	98	98	0	0	0	0	0	0	0	0	0
9 PRIEST SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO		1478	1478	1478	1478	1477	1376	1370	1359	1340	1329	1320	1332	1353	1375
LARGE THERMAL															
11 CENTRALIA SHARE	5B1A	141	141	141	141	141	141	141	141	141	141	70	70	70	141
12 COLSTRIP 1&2 SHARE	5B1A	317	317	317	317	317	317	317	317	317	317	160	157	157	317
13 COLSTRIP 3 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	61	0	0
14 COLSTRIP 4 DED SHARE	5B1B	61	61	61	61	61	61	61	61	61	61	61	61	0	0
15 TOTAL LARGE THERMAL		580	580	580	580	580	580	580	580	580	580	353	350	227	458
OTHER RESOURCES															
16 C.T., WHIDBEY ISLAND	5B1A	0	0	0	0	0	29	29	29	29	0	0	0	0	0
17 C.T., WHITEHORN 1	5B1A	0	0	0	0	0	67	67	67	67	0	0	0	0	0
18 C.T., WHITEHORN 2 & 3	5B1B	0	0	0	0	0	178	178	178	178	0	0	0	0	0
19 SM TH&MISC, SHUFFLETN	5B1A	0	0	0	0	0	86	86	86	86	0	0	0	0	0
20 SM TH&MISC, CRYSTL MT	5B1A	0	0	0	0	0	3	3	3	3	0	0	0	0	0
21 PURPA DED SHARE	5B1B	49	47	47	47	47	47	47	47	47	47	47	47	47	47
22 TOTAL OTHER RESOURCES		49	47	47	47	47	410	410	410	410	47	47	47	47	47
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	-75	-75	-75	-75	-75	-65	-65	-65	-65	-65	-65	-65	-65	-65
26 TOTAL CONTRACTS OUT		-75	-75	-75	-75	-75	-65	-65	-65	-65	-65	-65	-65	-65	-65

TABLE D-5 (CONTINUED)

PSP&L DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 RESOURCES USED 79-80	5B1A	1861	1861	1861	1861	1860	1954	1948	1937	1918	1723	1486	1495	1516	1768
32 OTHER RESOURCES	5B1B	171	169	169	169	169	348	348	348	348	169	169	169	47	47
33 TOTAL DEDICATED RESOURCES		2032	2030	2030	2030	2030	2301	2295	2284	2265	1892	1655	1664	1563	1815
NONDEDICATED RESOURCES															
34 LG THRM, COLSTRIP 3 ND SHR		114	114	114	114	114	114	114	114	114	114	114	114	0	0
35 LG THRM, COLSTRIP 4 ND SHR		114	114	114	114	114	114	114	114	114	114	114	114	0	0
36 C.T., FREDRICKSON		0	0	0	0	0	178	178	178	178	0	0	0	0	0
37 C.T., FREDONIA		0	0	0	0	0	247	247	247	247	0	0	0	0	0
38 CONT OUT, PSP&L TO BPA,WP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 CONT OUT,PSP&L TO BPA,P XCH		0	0	0	0	0	0	0	0	0	0	0	0	0	0
40 CONT IN, BPA TO PSP&L,WNP3		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 CONT IN, PP&L TO PSP&L,PS2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 CONT IN,BPA TO PSP&L,BK HD		0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 CONT IN,BPA TO PSP&L,PS/PXC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 CONT IN,PP&L TO PSP&L,P S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT IN,WWP TO PSP&L, PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT IN,WWP TO PSP&L, PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT IN,N WASCO TO PSP&L		4	4	4	4	4	4	4	4	4	4	4	4	4	4
48 PURPA		4	4	4	4	4	4	4	4	4	4	4	4	4	4
49 TOTAL NONDEDICATED RES		235	235	235	235	235	660	660	660	660	235	235	235	8	8
50 TOTAL RESOURCES		2268	2266	2266	2266	2265	2962	2956	2945	2926	2127	1891	1900	1571	1823

TABLE D-6

WWP DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
WWP DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 NOXON	5B1A	554	554	554	551	549	549	549	536	500	429	373	373	474	554
3 CABINET GORGE	5B1A	230	230	230	230	230	230	230	230	230	230	230	230	230	230
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	16	15	15	15	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	10
6 MONROE STREET	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7 NINE MILE	5B1A	18	18	18	18	18	18	18	18	18	17	16	16	16	18
8 LONG LAKE	5B1A	73	73	73	72	72	72	72	71	65	59	66	73	73	73
9 LITTLE FALLS	5B1A	34	34	34	34	34	34	34	34	34	34	34	33	34	34
10 WELLS SHARE	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 CHELAN SHARE	5B1A	35	35	35	33	26	25	24	24	23	23	23	23	32	-18
12 ROCKY REACH SHARE	5B1A	37	37	37	37	37	37	37	37	37	37	37	37	37	37
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		1173	1173	1173	1169	1159	1158	1157	1142	1100	1021	970	975	1086	1120
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	192	192	192	192	192	192	192	192	192	192	96	96	96	192
17 TOTAL LARGE THERMAL		192	192	192	192	192	192	192	192	192	192	96	96	96	192
OTHER RESOURCES															
18 C.T., NORTHEAST UNITS	5B1A	59	59	59	59	68	68	68	68	68	68	59	59	59	59
19 PURPA RESOURCES	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 TOTAL OTHER RESOURCES		59	59	59	59	68	68	68	68	68	68	59	59	59	59
EXPORTS															
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-12	-12
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WWP TO PP&L,SANDPOINT	5B1A	-4	-4	-4	-4	-4	-5	-5	-5	-5	-4	-4	-4	-4	-4
28 TOTAL CONTRACTS OUT		-17	-17	-17	-17	-17	-18	-18	-18	-18	-17	-16	-16	-16	-16
CONTRACTS IN															
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	51	51	51	51	51	51	51	51	51	51	47	47	47	47
31 SUPPLEMENTAL CAPACITY	5B1A	27	27	27	27	27	27	27	27	27	27	24	24	24	24
32 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL CONTRACTS IN		78	78	78	78	78	78	78	78	78	78	71	71	71	71
TOTAL DEDICATED RESOURCES															
34 RESOURCES USED 79-80	5B1A	1484	1484	1484	1480	1480	1477	1477	1461	1419	1342	1180	1185	1295	1425
35 OTHER RESOURCES	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4
36 TOTAL DEDICATED RESOURCES		1488	1488	1488	1484	1484	1481	1481	1465	1423	1346	1184	1189	1299	1429
NONDEDICATED RESOURCES															
37 LG THRM, COLSTRIP 3 SHARE		105	105	105	105	105	105	105	105	105	105	105	0	0	105
38 LG THRM, COLSTRIP 4 SHARE		105	105	105	105	105	105	105	105	105	105	105	105	0	0
39 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	47	0	47
40 IMP, BC HYDRO TO WWP, PWR S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 EXP, WWP TO PG&E,SEA PWR XC		0	0	0	0	0	0	0	0	0	0	0	0	-150	-150
43 CONT OUT, WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 CONT OUT, WWP TO PP&L,WIDCO		-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
45 CONT OUT, WWP TO PSP&L,PS 1		-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55	-55
46 CONT OUT, WWP TO PSP&L,PS 2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
47 CONT IN, BPA TO WWP,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	80
48 CONT IN, BPA TO WWP, WNP3 S		0	0	0	0	0	82	82	82	82	41	41	41	0	0
49 PURPA RESOURCES		12	10	10	11	11	12	14	14	15	16	16	16	15	16
50 NONDEDICATED RESOURCES		186	183	183	184	184	268	269	270	270	230	230	125	-218	-66
51 TOTAL RESOURCES		1673	1671	1671	1668	1668	1749	1750	1735	1694	1576	1414	1314	1081	1364

TABLE D-6

WWP DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
WWP DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 NOXON	5B1A	554	554	554	551	549	549	549	536	500	429	373	373	474	554
3 CABINET GORGE	5B1A	230	230	230	230	230	230	230	230	230	230	230	230	230	230
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	16	15	15	15	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	10
6 MONROE STREET	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7 NINE MILE	5B1A	18	18	18	18	18	18	18	18	18	17	16	16	16	18
8 LONG LAKE	5B1A	73	73	73	72	72	72	72	71	65	59	66	73	73	73
9 LITTLE FALLS	5B1A	34	34	34	34	34	34	34	34	34	34	34	33	34	34
10 WELLS SHARE	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	37	37	37	37	37	37	37	37	37	37	37	37	37	37
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		1138	1138	1138	1135	1133	1133	1133	1118	1077	998	947	952	1054	1138
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	192	192	192	192	192	192	192	192	192	192	96	96	96	192
17 TOTAL LARGE THERMAL		192	192	192	192	192	192	192	192	192	192	96	96	96	192
OTHER RESOURCES															
18 C.T., NORTHEAST UNITS	5B1A	59	59	59	59	68	68	68	68	68	68	59	59	59	59
19 PURPA RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL OTHER RESOURCES		59	59	59	59	68	68	68	68	68	68	59	59	59	59
EXPORTS															
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6
26 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WWP TO PP&L,SANDPOINT	5B1A	-4	-4	-4	-4	-4	-5	-5	0	0	0	0	0	0	0
28 TOTAL CONTRACTS OUT		-11	-11	-11	-11	-11	-12	-12	-7	-7	-7	-6	-6	-6	-6
CONTRACTS IN															
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	29	29	29	29	29	29	29	29	29	29	24	24	24	24
31 SUPPLEMENTAL CAPACITY	5B1A	14	14	14	14	14	14	14	14	14	14	12	12	12	12
32 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL CONTRACTS IN		43	43	43	43	43	43	43	43	43	43	36	36	36	36
TOTAL DEDICATED RESOURCES															
34 RESOURCES USED 79-80	5B1A	1421	1421	1421	1418	1425	1424	1424	1414	1373	1294	1132	1137	1239	1419
35 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		1421	1421	1421	1418	1425	1424	1424	1414	1373	1294	1132	1137	1239	1419
NONDEDICATED RESOURCES															
37 LG THRM, COLSTRIP 3 SHARE		105	105	105	105	105	105	105	105	105	105	105	105	0	0
38 LG THRM, COLSTRIP 4 SHARE		105	105	105	105	105	105	105	105	105	105	105	0	105	105
39 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	47	0	47
40 IMP, BC HYDRO TO WWP, PWR S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		0	0	0	0	0	150	150	150	150	150	0	0	0	0
42 EXP, WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
43 CONT OUT, WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 CONT OUT, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT OUT, WWP TO PSP&L,PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT OUT, WWP TO PSP&L,PS 2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
47 CONT IN, BPA TO WWP,WNP1 OB		80	80	80	80	80	80	80	80	80	80	80	80	80	80
48 CONT IN, BPA TO WWP, WNP3 S		0	0	0	0	0	82	82	82	82	41	41	41	0	0
49 PURPA RESOURCES		16	14	14	15	15	16	18	18	19	20	20	20	19	20
50 NONDEDICATED RESOURCES		103	100	100	101	251	485	486	487	487	447	297	192	-46	1
51 TOTAL RESOURCES		1523	1521	1521	1519	1676	1908	1910	1901	1860	1741	1429	1329	1193	1420

TABLE D-6

WWP DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
WWP DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 NOXON	5B1A	554	554	554	551	549	549	549	536	500	429	373	373	474	554
3 CABINET GORGE	5B1A	230	230	230	230	230	230	230	230	230	230	230	230	230	230
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	16	15	15	15	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	10
6 MONROE STREET	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7 NINE MILE	5B1A	18	18	18	18	18	18	18	18	18	17	16	16	16	18
8 LONG LAKE	5B1A	73	73	73	72	72	72	72	71	65	59	66	73	73	73
9 LITTLE FALLS	5B1A	34	34	34	34	34	34	34	34	34	34	34	33	34	34
10 WELLS SHARE	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	37	37	37	37	37	37	37	37	37	37	37	37	37	37
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		1138	1138	1138	1135	1133	1133	1133	1118	1077	998	947	952	1054	1138
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	192	192	192	192	192	192	192	192	192	192	96	96	96	192
17 TOTAL LARGE THERMAL		192	192	192	192	192	192	192	192	192	192	96	96	96	192
OTHER RESOURCES															
18 C.T., NORTHEAST UNITS	5B1A	59	59	59	59	68	68	68	68	68	68	59	59	59	59
19 PURPA RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL OTHER RESOURCES		59	59	59	59	68	68	68	68	68	68	59	59	59	59
EXPORTS															
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT															
25 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
26 CANADIAN ENTITL (CAN)	5B1A	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
27 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
CONTRACTS IN															
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	9
31 SUPPLEMENTAL CAPACITY	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
32 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL CONTRACTS IN		14	14	14	14	14	14	14	14	14	14	14	14	14	14
TOTAL DEDICATED RESOURCES															
34 RESOURCES USED 79-80	5B1A	1391	1391	1391	1388	1395	1395	1395	1380	1338	1260	1103	1108	1211	1390
35 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		1391	1391	1391	1388	1395	1395	1395	1380	1338	1260	1103	1108	1211	1390
NONDEDICATED RESOURCES															
37 LG THRM, COLSTRIP 3 SHARE		105	105	105	105	105	105	105	105	105	105	105	0	105	105
38 LG THRM, COLSTRIP 4 SHARE		105	105	105	105	105	105	105	105	105	105	105	105	0	0
39 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	47	0	47
40 IMP, BC HYDRO TO WWP, PWR S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		0	0	0	0	0	150	150	150	150	150	0	0	0	0
42 EXP, WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
43 CONT OUT, WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 CONT OUT, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT OUT, WWP TO PSP&L,PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT OUT, WWP TO PSP&L,PS 2		-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100
47 CONT IN, BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT IN, BPA TO WWP, WNP3 S		0	0	0	0	0	82	82	82	82	41	41	41	0	0
49 PURPA RESOURCES		16	14	14	15	15	16	18	18	19	20	20	20	19	20
50 NONDEDICATED RESOURCES		23	20	20	21	171	405	406	407	407	367	217	112	-126	-79
51 TOTAL RESOURCES		1413	1411	1411	1409	1566	1799	1801	1787	1746	1627	1321	1220	1085	1311

TABLE D-6

WWP DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
WWP DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MEYERS FALLS	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 NOXON	5B1A	554	554	554	551	549	549	549	536	500	429	373	373	474	554
3 CABINET GORGE	5B1A	230	230	230	230	230	230	230	230	230	230	230	230	230	230
4 POST FALLS	5B1A	16	16	16	16	16	16	16	16	16	16	15	15	15	16
5 UPPER FALLS	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	10
6 MONROE STREET	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7 NINE MILE	5B1A	18	18	18	18	18	18	18	18	18	17	16	16	16	18
8 LONG LAKE	5B1A	73	73	73	72	72	72	72	71	65	59	66	73	73	73
9 LITTLE FALLS	5B1A	34	34	34	34	34	34	34	34	34	34	34	33	34	34
10 WELLS SHARE	5B1A	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11 CHELAN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 ROCKY REACH SHARE	5B1A	37	37	37	37	37	37	37	37	37	37	37	37	37	37
13 WANAPUM SHARE	5B1A	75	75	75	75	75	0	0	0	0	0	0	0	0	0
14 PRIEST RAPIDS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL HYDRO		1083	1083	1083	1081	1078	1004	1004	989	947	869	818	823	925	1009
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	192	192	192	192	192	192	192	192	192	192	96	96	96	192
17 TOTAL LARGE THERMAL		192	192	192	192	192	192	192	192	192	192	96	96	96	192
OTHER RESOURCES															
18 C.T., NORTHEAST UNITS	5B1A	59	59	59	59	68	68	68	68	68	68	59	59	59	59
19 PURPA RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL OTHER RESOURCES		59	59	59	59	68	68	68	68	68	68	59	59	59	59
EXPORTS															
21 WWP TO SCE,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL EXPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
IMPORTS															
23 SCE TO WWP,SEA PWR XCH	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL IMPORTS		0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-6 (CONTINUED)

WWP DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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	-13	-13	-13	-13	-13	-5	-5	-5	-5	-5	-5	-5	-5	-5
27 WWP TO PP&L,SANDPOINT	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS OUT		-13	-13	-13	-13	-13	-5	-5	-5	-5	-5	-5	-5	-5	-5
CONTRACTS IN															
29 GRANT TO WWP,PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
34 RESOURCES USED 79-80	5B1A	1321	1321	1321	1318	1325	1258	1258	1244	1202	1123	967	972	1074	1254
35 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 TOTAL DEDICATED RESOURCES		1321	1321	1321	1318	1325	1258	1258	1244	1202	1123	967	972	1074	1254
NONDEDICATED RESOURCES															
37 LG THRM, COLSTRIP 3 SHARE		105	105	105	105	105	105	105	105	105	105	105	105	0	0
38 LG THRM, COLSTRIP 4 SHARE		105	105	105	105	105	105	105	105	105	105	105	105	0	0
39 RENEW, KETTLE FALLS		47	47	47	47	47	47	47	47	47	47	47	47	0	47
40 IMP, BC HYDRO TO WWP, PWR S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 IMP, PG&E TO WWP,SEA PWR XC		0	0	0	0	0	150	150	150	150	150	0	0	0	0
42 EXP, WWP TO PG&E,SEA PWR XC		-150	-150	-150	-150	0	0	0	0	0	0	0	0	-150	-150
43 CONT OUT, WWP TO BPA,WNP3 S		0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 CONT OUT, WWP TO PP&L,WIDCO		0	0	0	0	0	0	0	0	0	0	0	0	0	0
45 CONT OUT, WWP TO PSP&L,PS 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0
46 CONT OUT, WWP TO PSP&L,PS 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 CONT IN, BPA TO WWP,WNP1 OB		0	0	0	0	0	0	0	0	0	0	0	0	0	0
48 CONT IN, BPA TO WWP, WNP3 S		0	0	0	0	0	82	82	82	82	41	41	41	0	0
49 PURPA RESOURCES		16	14	14	15	15	16	18	18	19	20	20	20	19	20
50 NONDEDICATED RESOURCES		123	120	120	121	271	505	506	507	507	467	317	317	-131	-84
51 TOTAL RESOURCES		1443	1441	1441	1439	1596	1763	1764	1750	1709	1591	1284	1289	943	1170

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CHELAN DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 ROCKY REACH SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
2 ROCKY REACH SHARE	5B1B	96	96	96	96	96	96	96	96	96	96	96	96	96	96
3 ROCK ISLAND SHARE	5B1A	33	33	33	33	33	32	32	32	33	33	33	32	29	33
4 ROCK ISLAND SHARE	5B1B	33	33	33	33	33	32	32	31	32	32	33	32	29	33
5 CHELAN SHR, PROJ+CONT	5B1A	19	19	19	20	25	26	26	26	26	26	26	26	20	19
6 CHELAN CONTRACT	5B1B	4	4	4	4	6	6	6	6	6	6	6	6	4	4
7 TOTAL HYDRO		283	283	283	284	291	291	290	289	291	291	292	290	277	283
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	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-11	-11	-11	-11
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		-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-11	-11	-11	-11
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	10	10	10	10	10	10	10	10	10	10	9	9	9	9
14 SUPPLEMENTAL CAPACITY	5B1A	26	26	26	26	26	26	26	26	26	26	23	23	23	23
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		42	42	42	42	42	42	42	42	42	42	38	38	38	38
TOTAL DEDICATED RESOURCES															
18 RESOURCE USED 79-80,	5B1A	179	179	179	180	186	186	185	185	186	186	184	183	174	177
19 OTHER RESOURCES	5B1B	133	133	133	133	135	134	134	133	134	134	135	134	130	133
20 TOTAL DEDICATED RESOURCES		312	312	312	313	320	320	319	318	321	320	319	317	304	310

TABLE D-7 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	11	11	11	11	11	11	10	11
22 CONT OUT, CHL TO PGE,C/N X	-25	-25	-25	-25	-25	0	0	0	0	0	0	0	0	-25
23 CONT IN, PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-16	-16	-16	-16	-16	8	8	8	8	8	9	8	7	-16
25 TOTAL RESOURCES	296	295	295	297	304	328	327	326	329	329	327	325	311	294

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CHELAN DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 ROCKY REACH SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
2 ROCKY REACH SHARE	5B1B	96	96	96	96	96	96	96	96	96	96	96	96	96	96
3 ROCK ISLAND SHARE	5B1A	33	33	33	33	33	32	32	32	33	33	33	32	29	33
4 ROCK ISLAND SHARE	5B1B	60	60	60	60	60	59	58	58	60	60	60	59	54	60
5 CHELAN SHR, PROJ+CONT	5B1A	57	57	57	57	57	57	56	56	55	55	55	55	56	6
6 CHELAN CONTRACT	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL HYDRO		345	345	345	345	345	342	341	339	342	342	343	340	333	293
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	-7	-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		-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	6	6	6	6	6	6	6	6	6	6	5	5	5	5
14 SUPPLEMENTAL CAPACITY	5B1A	13	13	13	13	13	13	13	13	13	13	11	11	11	11
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		25	25	25	25	25	25	25	25	25	25	22	22	22	22
TOTAL DEDICATED RESOURCES															
18 RESOURCE USED 79-80,	5B1A	207	207	207	207	206	205	205	204	204	204	203	202	200	153
19 OTHER RESOURCES	5B1B	157	157	157	157	157	155	155	154	156	156	157	155	150	157
20 TOTAL DEDICATED RESOURCES		363	363	363	363	363	361	359	358	360	360	359	357	350	310

TABLE D-7 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	11	11	11	11	11	11	10	11
22 CONT OUT, CHL TO PGE,C/N X	-50	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50
23 CONT IN, PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-41	-41	-41	-41	-41	8	8	8	8	8	9	8	7	-41
25 TOTAL RESOURCES	322	322	322	322	322	369	368	366	369	368	368	365	357	269

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CHELAN DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 ROCKY REACH SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
2 ROCKY REACH SHARE	5B1B	96	96	96	96	96	96	96	96	96	96	96	96	96	96
3 ROCK ISLAND SHARE	5B1A	69	69	69	69	69	69	69	68	69	69	69	69	68	69
4 ROCK ISLAND SHARE	5B1B	84	84	84	84	84	82	81	80	83	83	84	82	75	84
5 CHELAN SHR, PROJ+CONT	5B1A	57	57	57	57	57	57	56	56	55	55	55	55	56	6
6 CHELAN CONTRACT	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL HYDRO		404	404	404	404	404	402	400	399	401	401	402	400	393	353
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	-2
10 CANADIAN ENTITL (CAN)	5B1A	-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
12 TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 SUPPLEMENTAL CAPACITY	5B1A	5	5	5	5	5	5	5	5	5	5	5	5	5	5
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		13	13	13	13	13	13	13	13	13	13	13	13	13	13
TOTAL DEDICATED RESOURCES															
18 RESOURCE USED 79-80,	5B1A	214	214	214	214	214	213	213	212	212	212	212	212	211	162
19 OTHER RESOURCES	5B1B	180	180	180	180	180	178	178	177	179	179	180	178	171	180
20 TOTAL DEDICATED RESOURCES		404	404	404	404	404	402	400	399	401	401	402	400	393	353

TABLE D-7 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	11	11	11	11	11	11	10	11
22 CONT OUT, CHL TO PGE,C/N X	-50	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50
23 CONT IN, PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-41	-41	-41	-41	-41	8	8	8	8	8	9	8	7	-41
25 TOTAL RESOURCES	363	363	363	363	363	410	409	407	410	409	411	408	400	311

TABLE D-7

CHELAN DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CHELAN DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 ROCKY REACH SHARE	5B1A	98	98	98	98	98	98	98	98	98	98	98	98	98	98
2 ROCKY REACH SHARE	5B1B	96	96	96	96	96	96	96	96	96	96	96	96	96	96
3 ROCK ISLAND SHARE	5B1A	212	212	212	212	212	214	215	216	213	213	212	214	222	212
4 ROCK ISLAND SHARE	5B1B	84	84	84	84	84	82	81	80	83	83	84	82	75	84
5 CHELAN SHR, PROJ+CONT	5B1A	57	57	57	57	57	57	56	56	55	55	55	55	56	6
6 CHELAN CONTRACT	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL HYDRO		547	547	547	547	547	547	547	546	545	545	545	546	547	496
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	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
11 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOTAL CONTRACTS OUT		-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19	-19
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 RESOURCE USED 79-80,	5B1A	336	336	336	336	336	337	338	339	335	335	334	337	345	284
19 OTHER RESOURCES	5B1B	180	180	180	180	180	178	178	177	179	179	180	178	171	180
20 TOTAL DEDICATED RESOURCES		535	535	535	535	534	534	534	534	533	533	532	533	534	483

TABLE D-7 (CONTINUED)

CHELAN DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
21 M HYDRO, ROCK ISLAND SHARE	11	11	11	11	11	11	11	11	11	11	11	11	10	11
22 CONT OUT, CHL TO PGE,C/N X	-50	-50	-50	-50	-50	0	0	0	0	0	0	0	0	-50
23 CONT IN, PGE TO CHL,C/N X	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL NONDEDICATED RES	-41	-41	-41	-41	-41	8	8	8	8	8	9	8	7	-41
25 TOTAL RESOURCES	493	493	493	493	493	543	542	542	541	541	541	541	542	442

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COWLITZ															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN 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	68	68	60	63	55	47	41	39	42	10	58	58	0	68
4 SWIFT 2 SHARE	5B1B	16	16	16	17	18	18	18	19	19	4	20	18	0	15
5 TOTAL HYDRO		127	127	119	123	116	108	102	100	103	57	121	119	43	126
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
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		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	26	26	26	26	26	26	26	26	26	26	23	23	23	23
11 SUPPLEMENTAL CAPACITY	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
12 TOTAL CONTRACTS IN		32	32	32	32	32	32	32	32	32	32	29	29	29	29
TOTAL DEDICATED RESOURCES															
13 RESOURCE USED 79-80,	5B1A	71	71	71	71	71	71	71	71	71	71	69	69	69	69
14 OTHER RESOURCES	5B1B	84	84	76	80	73	65	60	58	61	14	78	77	0	84
15 TOTAL DEDICATED RESOURCES		156	155	147	151	144	137	131	129	132	85	147	145	69	152
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		156	155	147	151	144	137	131	129	132	85	147	145	69	152

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COWLITZ															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN 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	68	68	60	63	55	47	41	39	42	10	58	58	0	68
4 SWIFT 2 SHARE	5B1B	16	16	16	17	18	18	18	19	19	4	20	18	0	15
5 TOTAL HYDRO		127	127	119	123	116	108	102	100	103	57	121	119	43	126
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-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		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-1
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	14	14	14	14	14	14	14	14	14	14	12	12	12	12
11 SUPPLEMENTAL CAPACITY	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
12 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	18	18	15	15	15	15
TOTAL DEDICATED RESOURCES															
13 RESOURCE USED 79-80,	5B1A	59	59	59	59	59	59	59	59	59	59	56	56	56	56
14 OTHER RESOURCES	5B1B	84	84	76	80	73	65	60	58	61	14	78	77	0	84
15 TOTAL DEDICATED RESOURCES		143	143	135	139	132	124	118	116	120	73	134	133	56	140
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		143	143	135	139	132	124	118	116	120	73	134	133	56	140

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COWLITZ DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN 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	68	68	60	63	55	47	41	39	42	10	58	58	0	68
4 SWIFT 2 SHARE	5B1B	16	16	16	17	18	18	18	19	19	4	20	18	0	15
5 TOTAL HYDRO		127	127	119	123	116	108	102	100	103	57	121	119	43	126
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
7 CANADIAN ENTITL (CAN)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL CONTRACTS OUT		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11 SUPPLEMENTAL CAPACITY	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 TOTAL CONTRACTS IN		6	6	6	6	6	6	6	6	6	6	6	6	6	6
TOTAL DEDICATED RESOURCES															
13 RESOURCE USED 79-80,	5B1A	43	43	43	43	43	43	43	43	43	43	43	43	43	43
14 OTHER RESOURCES	5B1B	84	84	76	80	73	65	60	58	61	14	78	77	0	84
15 TOTAL DEDICATED RESOURCES		130	130	122	126	119	111	105	103	106	60	124	122	45	129
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		130	130	122	126	119	111	105	103	106	60	124	122	45	129

TABLE D-8

COWLITZ DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
COWLITZ															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WANAPUM SHARE	5B1A	25	25	25	25	25	0	0	0	0	0	0	0	0	0
2 PRIEST RAPIDS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 SWIFT 1 SHARE	5B1B	68	68	60	63	55	47	41	39	42	10	58	58	0	68
4 SWIFT 2 SHARE	5B1B	16	16	16	17	18	18	18	19	19	4	20	18	0	15
5 TOTAL HYDRO		109	109	101	105	98	65	60	58	61	14	78	77	0	84
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	-3	-3	-3	-3	-3	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		-3	-3	-3	-3	-3	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 RESOURCE USED 79-80,	5B1A	19	19	19	19	19	0	0	0	0	0	0	0	0	0
14 OTHER RESOURCES	5B1B	84	84	76	80	73	65	60	58	61	14	78	77	0	84
15 TOTAL DEDICATED RESOURCES		106	106	98	102	95	65	60	58	61	14	78	77	0	84
NONDEDICATED RESOURCES															
16 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 TOTAL RESOURCES		106	106	98	102	95	65	60	58	61	14	78	77	0	84

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DOUGLAS															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WELLS SHARE	5B1A	34	34	34	57	57	57	57	57	57	57	57	57	57	57
2 WELLS SHARE	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		213	213	213	213	213	213	213	213	213	213	213	213	213	213
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
5 CANADIAN ENTIT (CSPE)	5B1A	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-12	-12
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		-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-12	-12
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
11 SUPPLEMENTAL CAPACITY	5B1A	26	26	26	26	26	26	26	26	26	26	24	24	24	24
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		31	31	31	31	31	31	31	31	31	31	28	28	28	28
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	87	87	87	110	110	110	110	110	110	110	108	108	108	108
15 OTHER RESOURCES	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
16 TOTAL DEDICATED RESOURCES		230	230	230	230	230	230	230	230	230	230	229	229	229	229
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	229	229	229	229

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DOUGLAS															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WELLS SHARE	5B1A	34	34	34	57	57	57	57	57	57	57	57	57	57	57
2 WELLS SHARE	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		213	213	213	213	213	213	213	213	213	213	213	213	213	213
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
5 CANADIAN ENTIT (CSPE)	5B1A	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-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		-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-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	14	14	14	14	14	14	14	14	14	14	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		18	18	18	18	18	18	18	18	18	18	15	15	15	15
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	80	80	80	103	103	103	103	103	103	103	101	101	101	101
15 OTHER RESOURCES	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
16 TOTAL DEDICATED RESOURCES		223	223	223	223	223	223	223	223	223	223	222	222	222	222
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		223	223	223	223	223	223	223	223	223	223	222	222	222	222

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DOUGLAS															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WELLS SHARE	5B1A	34	34	34	57	57	57	57	57	57	57	57	57	57	57
2 WELLS SHARE	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		213	213	213	213	213	213	213	213	213	213	213	213	213	213
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	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
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		-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
CONTRACTS IN															
10 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SUPPLEMENTAL CAPACITY	5B1A	5	5	5	5	5	5	5	5	5	5	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		7	7	7	7	7	7	7	7	7	7	7	7	7	7
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	55	55	55	78	78	78	78	78	78	78	77	77	77	77
15 OTHER RESOURCES	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
16 TOTAL DEDICATED RESOURCES		208	208	208	208	208	208	208	208	208	208	208	208	208	208
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		208	208	208	208	208	208	208	208	208	208	208	208	208	208

TABLE D-9

DOUGLAS DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
DOUGLAS															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WELLS SHARE	5B1A	34	34	34	57	57	57	57	57	57	57	57	57	57	57
2 WELLS SHARE	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
3 ROCKY REACH SHARE	5B1A	36	36	36	36	36	36	36	36	36	36	36	36	36	36
4 TOTAL HYDRO		213	213	213	213	213	213	213	213	213	213	213	213	213	213
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	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
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		-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18	-18
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 RESOURCES USED 79-80	5B1A	36	36	36	59	59	59	59	59	59	59	59	59	59	59
15 OTHER RESOURCES	5B1B	144	144	144	121	121	121	121	121	121	121	121	121	121	121
16 TOTAL DEDICATED RESOURCES		197	197	197	197	197	197	197	197	197	197	197	197	197	197
NONDEDICATED RESOURCES															
17 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 TOTAL RESOURCES		197	197	197	197	197	197	197	197	197	197	197	197	197	197

TABLE D-10

EUGENE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
EUGENE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SMITH CREEK	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
MAIN HYDRO															
2 CARMEN-SMITH	5B1A	41	41	39	37	34	33	41	41	41	41	41	41	41	41
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 WATERVILLE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7 PRIEST RAPIDS DED SHR	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
8 TOTAL HYDRO		104	94	91	89	91	91	97	94	94	95	103	103	130	130
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
9 CANADIAN ENTIT (CSPE)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2
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		-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	56	56	56	56	56	56	56	56	56	56	51	51	51	51
14 SUPPLEMENTAL CAPACITY	5B1A	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15 TOTAL CONTRACTS IN		61	61	61	61	61	61	61	61	61	61	56	56	56	56
TOTAL DEDICATED RESOURCES															
16 RESOURCES USED 79-80	5B1A	152	152	150	148	145	144	152	152	152	152	147	147	147	147
17 OTHER RESOURCES	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
18 TOTAL DEDICATED RESOURCES		163	152	150	148	150	150	156	153	153	154	156	156	184	184

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21 COGEN, WEYCO ENERGY CTR	0	20	20	20	20	20	0	20	20	20	20	20	20	20
22 COGEN, WILL STEAM PLT	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23 TOTAL NONDEDICATED RES	31	51	51	51	51	51	31	51	51	51	51	51	51	51
24 TOTAL RESOURCES	194	204	201	199	201	201	187	204	204	205	208	208	235	235

TABLE D-10

EUGENE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
EUGENE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SMITH CREEK	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
MAIN HYDRO															
2 CARMEN-SMITH	5B1A	41	41	39	37	34	33	41	41	41	41	41	41	41	41
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 WATERVILLE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7 PRIEST RAPIDS DED SHR	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
8 TOTAL HYDRO		104	94	91	89	91	91	97	94	94	95	103	103	130	130
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
9 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
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		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CONTRACTS IN															
13 CSPE PURCHASE	5B1A	32	32	32	32	32	32	32	32	32	32	27	27	27	27
14 SUPPLEMENTAL CAPACITY	5B1A	3	3	3	3	3	3	3	3	3	3	2	2	2	2
15 TOTAL CONTRACTS IN		35	35	35	35	35	35	35	35	35	35	29	29	29	29
TOTAL DEDICATED RESOURCES															
16 RESOURCES USED 79-80	5B1A	127	127	124	122	119	118	127	127	127	127	121	121	121	121
17 OTHER RESOURCES	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
18 TOTAL DEDICATED RESOURCES		137	127	124	122	124	124	131	127	127	128	131	131	158	158

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21 COGEN, WEYCO ENERGY CTR	0	20	20	20	20	20	0	20	20	20	20	20	20	20
22 COGEN, WILL STEAM PLT	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23 TOTAL NONDEDICATED RES	31	51	51	51	51	51	31	51	51	51	51	51	51	51
24 TOTAL RESOURCES	169	178	176	173	176	175	162	178	179	179	182	182	209	209

TABLE D-10

EUGENE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
EUGENE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SMITH CREEK	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
MAIN HYDRO															
2 CARMEN-SMITH	5B1A	41	41	39	37	34	33	41	41	41	41	41	41	41	41
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 WATERVILLE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 WANAPUM DED SHARE	5B1A	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7 PRIEST RAPIDS DED SHR	5B1A	13	13	13	13	13	13	13	13	13	13	13	13	13	13
8 TOTAL HYDRO		104	94	91	89	91	91	97	94	94	95	103	103	130	130
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
9 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CANADIAN ENTITL (CAN)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
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	11	11	11	11	11	11	11	11	11	11	10	10	10	10
14 SUPPLEMENTAL CAPACITY	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15 TOTAL CONTRACTS IN		11	11	11	11	11	11	11	11	11	11	11	11	11	11
TOTAL DEDICATED RESOURCES															
16 RESOURCES USED 79-80	5B1A	103	103	100	98	95	94	103	103	103	103	102	102	102	102
17 OTHER RESOURCES	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
18 TOTAL DEDICATED RESOURCES		113	103	100	98	100	100	106	103	103	104	111	111	139	139

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	4	4	4	4	4	4	4	4	4	4	4	4	4	4
20 M HYDRO,PRIEST RAPIDS SHARE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
21 COGEN, WEYCO ENERGY CTR	0	20	20	20	20	20	0	20	20	20	20	20	20	20
22 COGEN, WILL STEAM PLT	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23 TOTAL NONDEDICATED RES	31	51	51	51	51	51	31	51	51	51	51	51	51	51
24 TOTAL RESOURCES	145	154	151	149	151	151	138	154	155	155	163	163	190	190

TABLE D-10

EUGENE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
EUGENE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 SMITH CREEK	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
MAIN HYDRO															
2 CARMEN-SMITH	5B1A	41	41	39	37	34	33	41	41	41	41	41	41	41	41
3 TRAIL BRIDGE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 LEABURG	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5 WATERVILLE	5B1A	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6 WANAPUM DED SHARE	5B1A	17	17	17	17	17	0	0	0	0	0	0	0	0	0
7 PRIEST RAPIDS DED SHR	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 TOTAL HYDRO		92	81	79	77	79	61	67	64	64	65	73	73	100	100
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
9 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 CANADIAN ENTITL (CAN)	5B1A	-2	-2	-2	-2	-2	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	0	0	0	0	0	0	0	0	0
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 RESOURCES USED 79-80	5B1A	79	79	76	74	71	55	63	63	63	63	63	63	63	63
17 OTHER RESOURCES	5B1B	11	0	0	0	5	5	4	0	1	2	9	9	37	37
18 TOTAL DEDICATED RESOURCES		89	79	76	74	76	61	67	64	64	65	73	73	100	100

TABLE D-10 (CONTINUED)

EUGENE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
19 M HYDRO, WANAPUM SHARE	4	4	4	4	4	0	0	0	0	0	0	0	0	0
20 M HYDRO,PRIEST RAPIDS SHARE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 COGEN, WEYCO ENERGY CTR	0	20	20	20	20	20	0	20	20	20	20	20	20	20
22 COGEN, WILL STEAM PLT	25	25	25	25	25	25	25	25	25	25	25	25	25	25
23 TOTAL NONDEDICATED RES	29	49	49	49	49	45	25	45	45	45	45	45	45	45
24 TOTAL RESOURCES	118	127	125	123	125	106	92	109	109	110	118	118	145	145

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
GRANT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WANAPUM SHARE	5B1A	154	154	154	167	167	167	167	167	167	167	167	167	167	167
2 WANAPUM SHARE	5B1B	145	145	145	132	132	132	132	132	132	132	132	132	132	132
3 PRIEST RAPIDS SHARE	5B1A	152	152	152	177	177	177	177	177	177	177	177	177	177	177
4 PRIEST RAPIDS DED SHR	5B1B	143	143	143	118	118	118	118	118	118	118	118	118	118	118
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-43	-43	-43	-43
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 GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL CONTRACTS OUT		-47	-47	-47	-47	-47	-47	-47	-47	-47	-47	-43	-43	-43	-43
CONTRACTS IN															
11 CSPE PURCHASE	5B1A	5	5	5	5	5	5	5	5	5	5	4	4	4	4
12 SUPPLEMENTAL CAPACITY	5B1A	94	94	94	94	94	94	94	94	94	94	85	85	85	85
13 TOTAL CONTRACTS IN		99	99	99	99	99	99	99	99	99	99	90	90	90	90
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	357	357	357	396	396	396	396	396	396	396	391	391	391	391
15 OTHER RESOURCES	5B1B	288	288	288	250	250	250	250	250	250	250	250	250	250	250
16 TOTAL DEDICATED RESOURCES		645	645	645	645	645	645	645	645	645	645	640	640	640	640
NONDEDICATED RESOURCES															
17 HYDRO IND, QUINCY CHUTE		8	7	7	4	2	0	0	0	0	1	5	5	6	8
18 HYDRO IND, PEC HEADWORKS		8	8	8	8	8	0	0	0	0	8	8	8	8	8
19 M HYDRO, WANAPUM SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS		33	33	33	33	33	33	33	33	33	33	33	33	33	33
21 CONT OUT, GRANT TO PP&L,PS		-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
22 TOTAL NONDEDICATED RES		67	66	66	63	61	52	52	52	52	60	64	64	66	67
23 TOTAL RESOURCES		712	712	712	708	707	697	697	697	697	705	705	705	706	707

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
GRANT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WANAPUM SHARE	5B1A	154	154	154	167	167	167	167	167	167	167	167	167	167	167
2 WANAPUM SHARE	5B1B	145	145	145	132	132	132	132	132	132	132	132	132	132	132
3 PRIEST RAPIDS SHARE	5B1A	152	152	152	177	177	177	177	177	177	177	177	177	177	177
4 PRIEST RAPIDS DED SHR	5B1B	143	143	143	118	118	118	118	118	118	118	118	118	118	118
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-21	-21	-21	-21
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 GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL CONTRACTS OUT		-26	-26	-26	-26	-26	-26	-26	-26	-26	-26	-21	-21	-21	-21
CONTRACTS IN															
11 CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	3	3	3	2	2	2	2
12 SUPPLEMENTAL CAPACITY	5B1A	51	51	51	51	51	51	51	51	51	51	42	42	42	42
13 TOTAL CONTRACTS IN		54	54	54	54	54	54	54	54	54	54	45	45	45	45
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	333	333	333	372	372	372	372	372	372	372	367	367	367	367
15 OTHER RESOURCES	5B1B	288	288	288	250	250	250	250	250	250	250	250	250	250	250
16 TOTAL DEDICATED RESOURCES		622	622	622	622	622	622	622	622	622	622	617	617	617	617
NONDEDICATED RESOURCES															
17 HYDRO IND, QUINCY CHUTE		8	7	7	4	2	0	0	0	0	1	5	5	6	8
18 HYDRO IND, PEC HEADWORKS		8	8	8	8	8	0	0	0	0	8	8	8	8	8
19 M HYDRO, WANAPUM SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS		33	33	33	33	33	33	33	33	33	33	33	33	33	33
21 CONT OUT, GRANT TO PP&L,PS		-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14
22 TOTAL NONDEDICATED RES		67	66	66	63	61	52	52	52	52	60	64	64	66	67
23 TOTAL RESOURCES		689	688	688	685	683	674	674	674	674	682	681	681	683	684

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
GRANT DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 WANAPUM SHARE	5B1A	154	154	154	167	167	167	167	167	167	167	167	167	167	167
2 WANAPUM SHARE	5B1B	145	145	145	132	132	132	132	132	132	132	132	132	132	132
3 PRIEST RAPIDS SHARE	5B1A	152	152	152	177	177	177	177	177	177	177	177	177	177	177
4 PRIEST RAPIDS DED SHR	5B1B	143	143	143	118	118	118	118	118	118	118	118	118	118	118
5 TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
LARGE THERMAL															
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
6 CANADIAN ENTIT (CSPE)	5B1A	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
7 CANADIAN ENTITL (CAN)	5B1A	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35
8 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL CONTRACTS OUT		-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43	-43
CONTRACTS IN															
11 CSPE PURCHASE	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 SUPPLEMENTAL CAPACITY	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
13 TOTAL CONTRACTS IN		16	16	16	16	16	16	16	16	16	16	16	16	16	16
TOTAL DEDICATED RESOURCES															
14 RESOURCES USED 79-80	5B1A	243	243	243	282	282	282	282	282	282	282	282	282	282	282
15 OTHER RESOURCES	5B1B	288	288	288	250	250	250	250	250	250	250	250	250	250	250
16 TOTAL DEDICATED RESOURCES		567	567	567	567	567	567	567	567	567	567	567	567	567	567
NONDEDICATED RESOURCES															
17 HYDRO IND, QUINCY CHUTE		8	7	7	4	2	0	0	0	0	1	5	5	6	8
18 HYDRO IND, PEC HEADWORKS		8	8	8	8	8	0	0	0	0	8	8	8	8	8
19 M HYDRO, WANAPUM SHARE		33	33	33	33	33	33	33	33	33	33	33	33	33	33
20 M HYDRO, PRIEST RAPIDS		33	33	33	33	33	33	33	33	33	33	33	33	33	33
21 CONT OUT, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 TOTAL NONDEDICATED RES		81	80	80	77	75	66	66	66	66	74	78	78	80	81
23 TOTAL RESOURCES		648	647	647	644	642	633	633	633	633	641	645	645	647	648

TABLE D-11

GRANT DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL
PEAK IN MEGAWATTS

			JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
GRANT DEDICATED RESOURCES																
HYDRO INDEPENDENTS																
MAIN HYDRO																
1	WANAPUM SHARE	5B1A	154	154	154	167	167	167	167	167	167	167	167	167	167	167
2	WANAPUM SHARE	5B1B	145	145	145	132	132	132	132	132	132	132	132	132	132	132
3	PRIEST RAPIDS SHARE	5B1A	152	152	152	177	177	177	177	177	177	177	177	177	177	177
4	PRIEST RAPIDS DED SHR	5B1B	143	143	143	118	118	118	118	118	118	118	118	118	118	118
5	TOTAL HYDRO		594	594	594	594	594	594	594	594	594	594	594	594	594	594
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	-115	-115	-115	-115	-115	-176	-176	-176	-176	-176	-176	-176	-176	-176
8	RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GRANT TO WWP, PWR SALE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TOTAL CONTRACTS OUT		-115	-115	-115	-115	-115	-176	-176	-176	-176	-176	-176	-176	-176	-176
CONTRACTS IN																
11	CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	SUPPLEMENTAL CAPACITY	5B1A	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
TOTAL DEDICATED RESOURCES																
14	RESOURCES USED 79-80	5B1A	76	76	76	114	114	-8	-8	-8	-8	-8	-8	-8	-8	-8
15	OTHER RESOURCES	5B1B	288	288	288	250	250	250	250	250	250	250	250	250	250	250
16	TOTAL DEDICATED RESOURCES		479	479	479	479	479	418	418	418	418	418	418	418	418	418
NONDEDICATED RESOURCES																
17	HYDRO IND, QUINCY CHUTE		8	7	7	4	2	0	0	0	0	1	5	5	6	8
18	HYDRO IND, PEC HEADWORKS		8	8	8	8	8	0	0	0	0	8	8	8	8	8
19	M HYDRO, WANAPUM SHARE		33	33	33	33	33	611	611	611	611	611	611	611	611	611
20	M HYDRO, PRIEST RAPIDS		602	602	602	602	602	602	602	602	602	602	602	602	602	602
21	CONT OUT, GRANT TO PP&L,PS		0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	TOTAL NONDEDICATED RES		650	650	650	646	645	1213	1213	1213	1213	1222	1226	1226	1227	1228
23	TOTAL RESOURCES		1129	1128	1128	1125	1123	1631	1631	1631	1631	1639	1643	1643	1645	1646

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PEND OREILLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 BOX CANYON DED SHARE	5B1A	56	59	59	58	56	57	58	59	59	59	59	53	55	57
3 TOTAL HYDRO		57	60	60	59	57	58	59	60	60	60	60	54	56	58
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	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
6 TOTAL CONTRACTS OUT		-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20	-20
CONTRACTS IN															
7 CSPE PURCHASE	5B1A	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
TOTAL DEDICATED RESOURCES															
9 RESOURCES USED 79-80	5B1A	39	42	42	41	39	40	42	42	42	42	42	36	38	40
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		39	42	42	41	39	40	42	42	42	42	42	36	38	40
NONDEDICATED RESOURCES															
12 M.HYD.,BOX CANYON AF ENC.PD		23	23	23	23	23	23	23	23	23	23	23	23	23	23
13 C.I., SCL TO PEND O ,PWR SA		28	28	28	28	28	28	28	28	28	28	28	28	28	28
14 TOTAL NONDEDICATED RES		51	51	51	51	51	51	51	51	51	51	51	51	51	51
15 TOTAL RESOURCES		90	93	93	92	90	91	92	93	93	93	93	87	89	91

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PEND OREILLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 BOX CANYON DED SHARE	5B1A	58	61	61	60	58	59	60	61	61	61	61	55	57	59
3 TOTAL HYDRO		59	62	62	61	59	60	61	62	62	62	62	56	58	60
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 RESOURCES USED 79-80	5B1A	45	47	47	46	44	45	47	48	47	47	47	41	43	45
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		45	47	47	46	44	45	47	48	47	47	47	41	43	45
NONDEDICATED RESOURCES															
12 M.HYD.,BOX CANYON AF ENC.PD		21	21	21	21	21	21	21	21	21	21	21	21	21	21
13 C.I., SCL TO PEND O ,PWR SA		32	32	32	32	32	32	32	32	32	32	32	32	32	32
14 TOTAL NONDEDICATED RES		53	53	53	53	53	53	53	53	53	53	53	53	53	53
15 TOTAL RESOURCES		97	100	100	99	97	98	100	100	100	100	100	94	96	98

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PEND OREILLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 BOX CANYON DED SHARE	5B1A	62	65	65	64	62	63	64	65	65	65	65	59	61	63
3 TOTAL HYDRO		63	66	66	65	63	64	65	66	66	66	66	60	62	64
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 RESOURCES USED 79-80	5B1A	52	55	55	53	51	52	54	55	54	54	54	48	50	53
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		52	55	55	53	51	52	54	55	54	54	54	48	50	53
NONDEDICATED RESOURCES															
12 M.HYD.,BOX CANYON AF ENC.PD		17	17	17	17	17	17	17	17	17	17	17	17	17	17
13 C.I., SCL TO PEND O ,PWR SA		36	36	36	36	36	36	36	36	36	36	36	36	36	36
14 TOTAL NONDEDICATED RES		53	53	53	53	53	53	53	53	53	53	53	53	53	53
15 TOTAL RESOURCES		105	107	107	106	104	105	107	108	107	107	107	101	103	106

SECTION XII

CAPACITY SURPLUS/DEFICIT SENSITIVITY

SECTION XIII

WATER YEAR SELECTION

SECTION XIV

NON-FIRM SURPLUS ENERGY

TABLE D-12

PEND OREILLE DEDICATED AND NONDEDICATAED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
PEND OREILLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CALISPEL CREEK	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MAIN HYDRO															
2 BOX CANYON DED SHARE	5B1A	74	77	77	76	74	75	76	77	77	77	77	71	73	75
3 TOTAL HYDRO		75	78	78	77	75	76	77	78	78	78	78	72	74	76
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
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 RESOURCES USED 79-80	5B1A	75	78	78	77	75	76	77	78	78	78	78	72	74	76
10 OTHER RESOURCES	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL DEDICATED RESOURCES		75	78	78	77	75	76	77	78	78	78	78	72	74	76
NONDEDICATED RESOURCES															
12 M.HYD.,BOX CANYON AF ENC.PD		5	5	5	5	5	5	5	5	5	5	5	5	5	5
13 C.I., SCL TO PEND O ,PWR SA		48	48	48	48	48	48	48	48	48	48	48	48	48	48
14 TOTAL NONDEDICATED RES		53	53	53	53	53	53	53	53	53	53	53	53	53	53
15 TOTAL RESOURCES		128	131	131	130	128	129	130	131	131	131	131	125	127	129

TABLE D-13

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SEATTLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	0	30	30	30	30	30	3	30	30	30	30	30	30	30
2 R.D. SMITH SHARE	5B1B	2	2	2	1	0	0	0	0	0	0	1	1	2	2
3 PEC 66.0 SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
5 SUMMER FALLS SHARE	5B1B	44	39	39	24	11	0	0	0	0	2	25	25	36	41
6 MAIN CANAL HDWKS SHR	5B1B	12	10	10	6	0	0	0	0	0	0	7	7	9	11
7 LUCKY PEAK	5B1B	54	23	23	5	2	0	0	0	0	0	4	4	54	64
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
9 ROSS	5B1A	71	420	418	294	278	393	371	340	307	290	239	330	195	409
10 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
11 GORGE	5B1A	177	177	177	177	177	177	177	177	177	177	177	177	177	177
12 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
13 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	210	370	368	210
14 PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
15 TOTAL HYDRO		1436	1779	1777	1614	1573	1675	1626	1622	1589	1575	1560	1812	1738	1811
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	102	102	102	102	102	102	102	102	102	102	51	51	51	102
17 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
18 COGEN, METRO WESTPT	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
20 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	143	105	119	141	172	209	143	143	143	143
21 TOTAL IMPORTS		143	143	143	143	143	105	119	141	172	209	143	143	143	143
CONTRACTS OUT															
22 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
23 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCL TO PEND O, PS	5B1A	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28	-28
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-33	-33	-33	-33	-33	-33	-33	-33	-33	-33	-32	-32	-32	-32

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	128	128	128	128	128	128	128	128	128	128	116	116	116	116
28 SUPPLEMENTAL CAPACITY	5B1A	9	9	9	9	9	9	9	9	9	9	8	8	8	8
29 PEND O TO SCL,PWR SALE	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	21
30 TOTAL CONTRACTS IN		157	157	157	157	157	157	157	157	157	157	145	145	145	145
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	1340	1719	1717	1593	1577	1691	1643	1639	1606	1589	1476	1567	1431	1696
32 OTHER RESOURCES	5B1B	467	430	430	392	366	316	330	352	383	423	392	552	614	473
33 TOTAL DEDICATED RESOURCES		1807	2150	2147	1984	1943	2007	1973	1990	1989	2012	1868	2119	2046	2170
NONDEDICATED RESOURCES															
34 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 IMP, PG&E TO SCL,CAP/NRG X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 EXP, SCL TO PG&E,CAP/NRG X		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 C.O., SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I., ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 TOTAL NONDEDICATED RES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
38 TOTAL RESOURCES		1808	2150	2148	1985	1944	2008	1974	1991	1990	2013	1869	2120	2046	2170

TABLE D-13

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SEATTLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	0	30	30	30	30	30	3	30	30	30	30	30	30	30
2 R.D. SMITH SHARE	5B1B	2	2	2	1	0	0	0	0	0	0	1	1	2	2
3 PEC 66.0 SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
5 SUMMER FALLS SHARE	5B1B	44	39	39	24	11	0	0	0	0	2	25	25	36	41
6 MAIN CANAL HDWKS SHR	5B1B	12	10	10	6	0	0	0	0	0	0	7	7	9	11
7 LUCKY PEAK	5B1B	54	23	23	5	2	0	0	0	0	0	4	4	54	64
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
9 ROSS	5B1A	71	420	418	294	278	393	371	340	307	290	239	330	195	409
10 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
11 GORGE	5B1A	177	177	177	177	177	177	177	177	177	177	177	177	177	177
12 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
13 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	210	370	368	210
14 PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
15 TOTAL HYDRO		1436	1779	1777	1614	1573	1675	1626	1622	1589	1575	1560	1812	1738	1811
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	102	102	102	102	102	102	102	102	102	102	51	51	51	102
17 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
18 COGEN, METRO WESTPT	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
20 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	143	105	119	141	172	209	143	143	143	143
21 TOTAL IMPORTS		143	143	143	143	143	105	119	141	172	209	143	143	143	143
CONTRACTS OUT															
22 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
23 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCL TO PEND O, PS	5B1A	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32	-32
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34	-34

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	72	72	72	72	72	72	72	72	72	72	61	61	61	61
28 SUPPLEMENTAL CAPACITY	5B1A	5	5	5	5	5	5	5	5	5	5	4	4	4	4
29 PEND O TO SCL,PWR SALE	5B1A	16	16	16	16	16	16	16	16	16	16	16	16	16	16
30 TOTAL CONTRACTS IN		93	93	93	93	93	93	93	93	93	93	81	81	81	81
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	1274	1653	1651	1527	1511	1626	1577	1573	1540	1523	1410	1501	1365	1630
32 OTHER RESOURCES	5B1B	467	430	430	392	366	316	330	352	383	423	392	552	614	473
33 TOTAL DEDICATED RESOURCES		1741	2084	2081	1918	1877	1941	1907	1925	1923	1946	1802	2053	1980	2104
NONDEDICATED RESOURCES															
34 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 IMP, PG&E TO SCL,CAP/NRG X		0	0	0	0	0	0	180	200	200	200	0	0	0	0
36 EXP, SCL TO PG&E,CAP/NRG X		-200	-200	-200	-174	0	0	0	0	0	0	0	0	0	-180
37 C.O., SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I., ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 TOTAL NONDEDICATED RES		-199	-199	-199	-173	1	1	181	201	201	201	1	1	1	-179
38 TOTAL RESOURCES		1542	1884	1882	1746	1878	1942	2088	2125	2124	2147	1803	2054	1981	1925

TABLE D-13

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SEATTLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	0	30	30	30	30	30	3	30	30	30	30	30	30	30
2 R.D. SMITH SHARE	5B1B	2	2	2	1	0	0	0	0	0	0	1	1	2	2
3 PEC 66.0 SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
5 SUMMER FALLS SHARE	5B1B	44	39	39	24	11	0	0	0	0	2	25	25	36	41
6 MAIN CANAL HDWKS SHR	5B1B	12	10	10	6	0	0	0	0	0	0	7	7	9	11
7 LUCKY PEAK	5B1B	54	23	23	5	2	0	0	0	0	0	4	4	54	64
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
9 ROSS	5B1A	71	420	418	294	278	393	371	340	307	290	239	330	195	409
10 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
11 GORGE	5B1A	177	177	177	177	177	177	177	177	177	177	177	177	177	177
12 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
13 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	210	370	368	210
14 PRIEST RADIPS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
15 TOTAL HYDRO		1436	1779	1777	1614	1573	1675	1626	1622	1589	1575	1560	1812	1738	1811
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	102	102	102	102	102	102	102	102	102	102	51	51	51	102
17 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
18 COGEN, METRO WESTPT	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
20 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	143	105	119	141	172	209	143	143	143	143
21 TOTAL IMPORTS		143	143	143	143	143	105	119	141	172	209	143	143	143	143
CONTRACTS OUT															
22 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
23 CANADIAN ENTITL (CAN)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
24 SCL TO PEND O, PS	5B1A	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36	-36
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40	-40

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS IN															
27 CSPE PURCHASE	5B1A	24	24	24	24	24	24	24	24	24	24	23	23	23	23
28 SUPPLEMENTAL CAPACITY	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29 PEND O TO SCL,PWR SALE	5B1A	12	12	12	12	12	12	12	12	12	12	12	12	12	12
30 TOTAL CONTRACTS IN		37	37	37	37	37	37	37	37	37	37	37	37	37	37
TOTAL DEDICATED RESOURCES															
31 RESOURCES USED 79-80	5B1A	1212	1592	1589	1466	1450	1564	1516	1511	1478	1462	1359	1451	1315	1580
32 OTHER RESOURCES	5B1B	467	430	430	392	366	316	330	352	383	423	392	552	614	473
33 TOTAL DEDICATED RESOURCES		1680	2022	2020	1857	1816	1880	1846	1863	1862	1885	1752	2003	1930	2054
NONDEDICATED RESOURCES															
34 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 IMP, PG&E TO SCL,CAP/NRG X		0	0	0	0	0	0	180	200	200	200	0	0	0	0
36 EXP, SCL TO PG&E,CAP/NRG X		-200	-200	-200	-174	0	0	0	0	0	0	0	0	0	-180
37 C.O., SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I., ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 TOTAL NONDEDICATED RES		-199	-199	-199	-173	1	1	181	201	201	201	1	1	1	-179
38 TOTAL RESOURCES		1480	1823	1821	1684	1817	1881	2027	2064	2063	2085	1752	2004	1930	1874

TABLE D-13

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SEATTLE DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 CEDAR FALLS,NEWHALEM	5B1A	0	30	30	30	30	30	3	30	30	30	30	30	30	30
2 R.D. SMITH SHARE	5B1B	2	2	2	1	0	0	0	0	0	0	1	1	2	2
3 PEC 66.0 SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
4 ELTOPIA BR.CAN. SHARE	5B1B	1	1	1	1	0	0	0	0	0	0	1	1	1	1
5 SUMMER FALLS SHARE	5B1B	44	39	39	24	11	0	0	0	0	2	25	25	36	41
6 MAIN CANAL HDWKS SHR	5B1B	12	10	10	6	0	0	0	0	0	0	7	7	9	11
7 LUCKY PEAK	5B1B	54	23	23	5	2	0	0	0	0	0	4	4	54	64
8 ROCKY BROOK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAIN HYDRO															
9 ROSS	5B1A	71	420	418	294	278	393	371	340	307	290	239	330	195	409
10 DIABLO	5B1A	159	159	159	159	159	159	159	159	159	159	159	159	159	159
11 GORGE	5B1A	177	177	177	177	177	177	177	177	177	177	177	177	177	177
12 BOUNDARY	5B1A	635	635	635	635	635	635	635	635	635	635	635	635	635	635
13 BOUNDARY EXPANSION	5B1B	210	210	210	210	210	210	210	210	210	210	210	370	368	210
14 PRIEST RADIPS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 TOTAL HYDRO		1365	1707	1705	1542	1501	1603	1554	1550	1517	1503	1488	1740	1666	1739
LARGE THERMAL															
16 CENTRALIA SHARE	5B1A	102	102	102	102	102	102	102	102	102	102	51	51	51	102
17 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
18 COGEN, METRO WESTPT	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 TOTAL OTHER RESOURCES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXPORTS															
IMPORTS															
20 BC TO SCL,ROSS RPLC	5B1B	143	143	143	143	143	105	119	141	172	209	143	143	143	143
21 TOTAL IMPORTS		143	143	143	143	143	105	119	141	172	209	143	143	143	143
CONTRACTS OUT															
22 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 SCL TO PEND O, PS	5B1A	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48
25 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 TOTAL CONTRACTS OUT		-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48	-48

TABLE D-13 (CONTINUED)

SEATTLE DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
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 PEND O TO SCL,PWR SALE	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 RESOURCES USED 79-80	5B1A	1095	1475	1473	1349	1333	1447	1399	1394	1361	1345	1243	1334	1199	1464
32 OTHER RESOURCES	5B1B	466	429	429	390	365	315	329	351	382	421	391	551	613	472
33 TOTAL DEDICATED RESOURCES		1562	1904	1902	1739	1698	1762	1728	1745	1744	1767	1634	1886	1812	1936
NONDEDICATED RESOURCES															
34 SM THRM & MISC, BOUNDARY		1	1	1	1	1	1	1	1	1	1	1	1	1	1
35 IMP, PG&E TO SCL,CAP/NRG X		0	0	0	0	0	0	180	200	200	200	0	0	0	0
36 EXP, SCL TO PG&E,CAP/NRG X		-200	-200	-200	-174	0	0	0	0	0	0	0	0	0	-180
37 C.O., SCL TO ID, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 C.I., ID TO SCL, NRG SALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 TOTAL NONDEDICATED RES		-199	-199	-199	-173	1	1	181	201	201	201	1	1	1	-179
38 TOTAL RESOURCES		1362	1705	1702	1566	1699	1763	1908	1946	1944	1967	1635	1886	1813	1757

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SNOHOMISH DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
MAIN HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
3 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
4 PURPA RESOURCES	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
6 CSPE PURCHASE	5B1A	15	15	15	15	15	15	15	15	15	15	14	14	14	14
7 BPA TO SNOH,PKWD LAKE	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8 TOTAL CONTRACTS IN		30	30	30	30	30	30	30	30	30	30	29	29	29	29
TOTAL DEDICATED RESOURCES															
9 RESOURCES USED 79-80	5B1A	30	30	30	30	30	30	30	30	30	30	29	29	29	29
10 OTHER RESOURCES	5B1B	206	206	206	206	206	206	206	206	206	206	155	155	155	206
11 TOTAL DEDICATED RESOURCES		236	236	236	236	236	236	236	236	236	236	184	184	184	235
NONDEDICATED RESOURCES															
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		236	236	236	236	236	236	236	236	236	236	184	184	184	235

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SNOHOMISH DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
MAIN HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
3 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
4 PURPA RESOURCES	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
6 CSPE PURCHASE	5B1A	9	9	9	9	9	9	9	9	9	9	7	7	7	7
7 BPA TO SNOH,PKWD LAKE	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8 TOTAL CONTRACTS IN		24	24	24	24	24	24	24	24	24	24	22	22	22	22
TOTAL DEDICATED RESOURCES															
9 RESOURCES USED 79-80	5B1A	24	24	24	24	24	24	24	24	24	24	22	22	22	22
10 OTHER RESOURCES	5B1B	206	206	206	206	206	206	206	206	206	206	155	155	155	206
11 TOTAL DEDICATED RESOURCES		230	230	230	230	230	230	230	230	230	230	177	177	177	228
NONDEDICATED RESOURCES															
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		230	230	230	230	230	230	230	230	230	230	177	177	177	228

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SNOHOMISH DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
MAIN HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
3 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
4 PURPA RESOURCES	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
6 CSPE PURCHASE	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
7 BPA TO SNOH,PKWD LAKE	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8 TOTAL CONTRACTS IN		18	18	18	18	18	18	18	18	18	18	18	18	18	18
TOTAL DEDICATED RESOURCES															
9 RESOURCES USED 79-80	5B1A	18	18	18	18	18	18	18	18	18	18	18	18	18	18
10 OTHER RESOURCES	5B1B	206	206	206	206	206	206	206	206	206	206	155	155	155	206
11 TOTAL DEDICATED RESOURCES		224	224	224	224	224	224	224	224	224	224	173	173	173	224
NONDEDICATED RESOURCES															
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		224	224	224	224	224	224	224	224	224	224	173	173	173	224

TABLE D-14

SNOHOMISH DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SNOHOMISH DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 JACKSON	5B1B	103	103	103	103	103	103	103	103	103	103	103	103	103	103
MAIN HYDRO															
TOTAL HYDRO		103	103	103	103	103	103	103	103	103	103	103	103	103	103
LARGE THERMAL															
2 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
3 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
4 PURPA RESOURCES	5B1B	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5 TOTAL OTHER RESOURCES		1	1	1	1	1	1	1	1	1	1	1	1	1	1
EXPORTS															
IMPORTS															
CONTRACTS OUT															
CONTRACTS IN															
6 CSPE PURCHASE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 BPA TO SNOH,PKWD LAKE	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
8 TOTAL CONTRACTS IN		15	15	15	15	15	15	15	15	15	15	15	15	15	15
TOTAL DEDICATED RESOURCES															
9 RESOURCES USED 79-80	5B1A	15	15	15	15	15	15	15	15	15	15	15	15	15	15
10 OTHER RESOURCES	5B1B	206	206	206	206	206	206	206	206	206	206	155	155	155	206
11 TOTAL DEDICATED RESOURCES		221	221	221	221	221	221	221	221	221	221	170	170	170	221
NONDEDICATED RESOURCES															
12 TOTAL NONDEDICATED RES		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL RESOURCES		221	221	221	221	221	221	221	221	221	221	170	170	170	221

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TACOMA DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 CUSHMAN 1	5B1A	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2 CUSHMAN 2	5B1A	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3 ALDER	5B1A	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5 MOSSYROCK	5B1A	384	384	384	378	365	341	323	315	337	340	322	340	274	384
6 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
7 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
8 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9 TOTAL HYDRO		877	877	877	869	848	815	793	782	807	819	805	826	762	873
LARGE THERMAL															
10 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
12 CANADIAN ENTIT (CSPE)	5B1A	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
13 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL CONTRACTS OUT		-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
CONTRACTS IN															
15 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19
16 SUPPLEMENTAL CAPACITY	5B1A	9	9	9	9	9	9	9	9	9	9	8	8	8	8
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		28	28	28	28	28	28	28	28	28	28	27	27	27	27
TOTAL DEDICATED RESOURCES															
19 RESOURCES USED 79-80	5B1A	881	882	882	873	852	819	798	787	812	823	810	831	767	877
20 OTHER RESOURCES	5B1B	160	160	160	160	160	160	160	160	160	160	108	108	108	160
21 TOTAL DEDICATED RESOURCES		1002	1003	1003	994	973	940	919	908	933	944	879	900	836	998

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
22 HY IND, R.D.SMITH SHARE	2	2	2	1	0	0	0	0	0	0	1	1	2	2
23 HY IND, PEC 66.0 SHARE	1	1	1	1	0	0	0	0	0	0	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	1	1	1	1	0	0	0	0	0	0	1	1	1	1
25 HY IND, SUMMER FALLS SHR	44	39	39	24	11	0	0	0	0	2	25	25	36	41
26 HY IND, MAIN CANAL HEAD	12	10	10	6	0	0	0	0	0	0	7	7	9	11
27 HY IND, HOOD STREET	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-41	-74	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
29 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	38	38	38
30 CSPE PURCHASE	109	109	109	109	109	109	109	109	109	109	98	98	98	98
31 TOTAL NONDEDICATED RES	166	127	127	106	85	107	107	107	107	109	130	130	144	151
32 TOTAL RESOURCES	1168	1129	1129	1101	1058	1047	1026	1015	1040	1054	1010	1031	981	1149

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TACOMA															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 CUSHMAN 1	5B1A	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2 CUSHMAN 2	5B1A	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3 ALDER	5B1A	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5 MOSSYROCK	5B1A	384	384	384	378	365	341	323	315	337	340	322	340	274	384
6 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
7 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
8 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9 TOTAL HYDRO		877	877	877	869	848	815	793	782	807	819	805	826	762	873
LARGE THERMAL															
10 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
12 CANADIAN ENTIT (CSPE)	5B1A	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
13 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL CONTRACTS OUT		-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
CONTRACTS IN															
15 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19
16 SUPPLEMENTAL CAPACITY	5B1A	5	5	5	5	5	5	5	5	5	5	4	4	4	4
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		23	23	23	23	23	23	23	23	23	23	23	23	23	23
TOTAL DEDICATED RESOURCES															
19 RESOURCES USED 79-80	5B1A	879	880	880	871	850	817	796	785	810	821	807	828	764	875
20 OTHER RESOURCES	5B1B	160	160	160	160	160	160	160	160	160	160	108	108	108	160
21 TOTAL DEDICATED RESOURCES		1000	1001	1001	992	971	938	917	905	931	942	877	898	834	996

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
22 HY IND, R.D.SMITH SHARE	2	2	2	1	0	0	0	0	0	0	1	1	2	2
23 HY IND, PEC 66.0 SHARE	1	1	1	1	0	0	0	0	0	0	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	1	1	1	1	0	0	0	0	0	0	1	1	1	1
25 HY IND, SUMMER FALLS SHR	44	39	39	24	11	0	0	0	0	2	25	25	36	41
26 HY IND, MAIN CANAL HEAD	12	10	10	6	0	0	0	0	0	0	7	7	9	11
27 HY IND, HOOD STREET	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-41	-74	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
29 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	38	38	38
30 CSPE PURCHASE	53	53	53	53	53	53	53	53	53	53	42	42	42	42
31 TOTAL NONDEDICATED RES	110	71	71	51	29	51	51	51	51	54	75	75	89	95
32 TOTAL RESOURCES	1110	1071	1071	1043	1000	989	968	957	982	996	952	973	923	1091

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TACOMA															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 CUSHMAN 1	5B1A	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2 CUSHMAN 2	5B1A	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3 ALDER	5B1A	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5 MOSSYROCK	5B1A	384	384	384	378	365	341	323	315	337	340	322	340	274	384
6 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
7 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
8 PRIEST RAPIDS SHARE	5B1A	72	72	72	72	72	72	72	72	72	72	72	72	72	72
9 TOTAL HYDRO		877	877	877	869	848	815	793	782	807	819	805	826	762	873
LARGE THERMAL															
10 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
12 CANADIAN ENTIT (CSPE)	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
13 CANADIAN ENTITL (CAN)	5B1A	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
14 TOTAL CONTRACTS OUT		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
CONTRACTS IN															
15 CSPE PURCHASE	5B1B	19	19	19	19	19	19	19	19	19	19	19	19	19	19
16 SUPPLEMENTAL CAPACITY	5B1A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		20	20	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL DEDICATED RESOURCES															
19 RESOURCES USED 79-80	5B1A	874	874	874	866	845	812	791	779	804	816	803	824	760	870
20 OTHER RESOURCES	5B1B	160	160	160	160	160	160	160	160	160	160	108	108	108	160
21 TOTAL DEDICATED RESOURCES		995	995	995	987	966	933	912	900	925	937	872	893	829	991

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
22 HY IND, R.D.SMITH SHARE	2	2	2	1	0	0	0	0	0	0	1	1	2	2
23 HY IND, PEC 66.0 SHARE	1	1	1	1	0	0	0	0	0	0	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	1	1	1	1	0	0	0	0	0	0	1	1	1	1
25 HY IND, SUMMER FALLS SHR	44	39	39	24	11	0	0	0	0	2	25	25	36	41
26 HY IND, MAIN CANAL HEAD	12	10	10	6	0	0	0	0	0	0	7	7	9	11
27 HY IND, HOOD STREET	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-41	-74	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
29 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	38	38	38
30 CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31 TOTAL NONDEDICATED RES	62	23	23	3	-19	3	3	3	3	6	37	37	51	58
32 TOTAL RESOURCES	1057	1018	1018	989	947	936	915	903	929	943	910	931	881	1049

TABLE D-15

TACOMA DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
TACOMA															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
MAIN HYDRO															
1 CUSHMAN 1	5B1A	44	45	45	43	37	31	29	29	32	37	40	42	43	45
2 CUSHMAN 2	5B1A	88	88	88	88	88	88	88	88	88	88	88	88	88	88
3 ALDER	5B1A	52	52	51	51	49	46	45	41	41	45	47	48	48	48
4 LA GRANDE	5B1A	65	65	65	65	65	65	65	65	65	65	65	65	65	65
5 MOSSYROCK	5B1A	384	384	384	378	365	341	323	315	337	340	322	340	274	384
6 MAYFIELD	5B1A	133	133	133	133	133	133	133	133	133	133	133	133	133	133
7 MAYFIELD	5B1B	39	39	39	39	39	39	39	39	39	39	39	39	39	39
8 PRIEST RAPIDS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 TOTAL HYDRO		805	805	805	797	776	743	722	710	736	747	734	755	691	801
LARGE THERMAL															
10 CENTRALIA SHARE	5B1B	102	102	102	102	102	102	102	102	102	102	51	51	51	102
11 TOTAL LARGE THERMAL		102	102	102	102	102	102	102	102	102	102	51	51	51	102
OTHER RESOURCES															
EXPORTS															
IMPORTS															
CONTRACTS OUT															
12 CANADIAN ENTIT (CSPE)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CANADIAN ENTITL (CAN)	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL CONTRACTS OUT		0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONTRACTS IN															
15 CSPE PURCHASE	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 RESTORATION	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 TOTAL CONTRACTS IN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DEDICATED RESOURCES															
19 RESOURCES USED 79-80	5B1A	805	805	805	797	776	743	722	710	736	747	734	755	691	801
20 OTHER RESOURCES	5B1B	141	141	141	141	141	141	141	141	141	141	90	90	90	141
21 TOTAL DEDICATED RESOURCES		907	908	908	899	878	845	824	813	838	849	785	806	742	904

TABLE D-15 (CONTINUED)

TACOMA DEDICATED AND NONDEDICATED RESOURCES
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
NONDEDICATED RESOURCES														
22 HY IND, R.D.SMITH SHARE	2	2	2	1	0	0	0	0	0	0	1	1	2	2
23 HY IND, PEC 66.0 SHARE	1	1	1	1	0	0	0	0	0	0	1	1	1	1
24 HY IND, ELTOPIA BR. CAN SHR	1	1	1	1	0	0	0	0	0	0	1	1	1	1
25 HY IND, SUMMER FALLS SHR	44	39	39	24	11	0	0	0	0	2	25	25	36	41
26 HY IND, MAIN CANAL HEAD	12	10	10	6	0	0	0	0	0	0	7	7	9	11
27 HY IND, HOOD STREET	0	0	0	0	1	1	1	1	1	1	1	1	1	1
28 EXP, TCL TO WAPA,PWR SALE	-41	-74	-74	-74	-74	-41	-41	-41	-41	-41	-41	-41	-41	-41
29 COGEN, STEAM PLANT 2	38	38	38	38	38	38	38	38	38	38	38	38	38	38
30 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 TOTAL NONDEDICATED RES	57	17	17	-3	-24	-2	-2	-2	-2	0	33	33	46	53
32 TOTAL RESOURCES	964	925	925	896	854	843	822	810	836	850	817	838	788	957

TABLE D-16

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SMALL & NONGEN PUBLIC UTILITIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 STRAWBERRY LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 GEM STATE HYDRO CIDFL	5B1B	22	20	20	16	13	14	15	15	15	22	22	22	21	21
MAIN HYDRO															
5 WELLS OKANOGAN SHARE	5B1A	11	11	11	15	15	15	15	15	15	15	15	15	15	15
6 WELLS OKANOGAN SHARE	5B1B	106	106	106	102	102	102	102	102	102	102	102	102	102	102
7 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 WANAPUM M FREE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10 PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11 PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12 PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 TOTAL HYDRO		189	187	187	183	180	181	182	182	182	189	189	189	188	188
LARGE THERMAL															
OTHER RESOURCES															
15 COGEN, G WEST MLT CLRK	5B1B	16	16	16	16	17	17	17	17	17	17	17	17	16	16
16 RENEW, SHORT MT EMRLD	5B1B	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17 PURPA RESOURCES	5B1B	20	20	20	20	20	20	20	20	20	20	20	20	20	20
18 TOTAL OTHER RESOURCES		38	38	38	39	39	40	40	40	40	40	39	39	39	39
EXPORTS															
19 CIDFL TO UTAH,GEM ST HY	5B1B	-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
20 TOTAL EXPORTS		-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
21 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
1990-91 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT (CONTINUED)															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
28 WELLS OKANOG CER	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
29 WELLS OKANOG CER	5B1B	-7	-7	-7	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6
CANADIAN ENTITLEMENT RETURN TO CANADA															
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 TOTAL CONTRACTS OUT		-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-9	-9	-9	-9
CONTRACTS IN															
40 CSPE PURCHSE	5B1A	140	140	140	140	140	140	140	140	140	140	127	127	127	127
41 SUPPLEMENTAL CAPACITY	5B1A	20	20	20	20	20	20	20	20	20	20	18	18	18	18
42 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
43 BPA TO CLK,PKWD LAKE	5B1B	34	34	34	34	34	34	34	34	34	34	34	34	34	34
44 TOTAL CONTRACTS IN		213	213	213	213	213	213	213	213	213	213	199	199	199	199
TOTAL DEDICATED RESOURCES															
45 RESOURCES USED 79-80	5B1A	238	238	238	241	241	241	241	241	241	241	227	227	227	227
46 OTHER RESOURCES	5B1B	170	171	171	185	182	183	184	184	184	191	192	192	190	169
47 TOTAL DEDICATED RESOURCES		408	408	408	425	423	424	425	425	425	432	418	418	417	396
NONDEDICATED RESOURCES															
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	53	53	53	53	53	53	53	53	53	0	0	53	53	53
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO	PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
55 PURPA RESOURCES	N WAS	19	19	19	19	19	19	19	19	19	19	19	19	19	19
56 TOTAL NONDEDICATED RES		71	71	71	71	71	71	71	71	71	18	18	71	71	71
57 TOTAL RESOURCES		479	479	479	496	493	494	496	496	496	450	436	489	487	466

TABLE D-16

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SMALL & NONGEN PUBLIC UTILITIES															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 STRAWBERRY LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 GEM STATE HYDRO CIDFL	5B1B	22	20	20	16	13	14	15	15	15	22	22	22	21	21
MAIN HYDRO															
5 WELLS OKANOGAN SHARE	5B1A	11	11	11	15	15	15	15	15	15	15	15	15	15	15
6 WELLS OKANOGAN SHARE	5B1B	106	106	106	102	102	102	102	102	102	102	102	102	102	102
7 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 WANAPUM M FREE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10 PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11 PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12 PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 TOTAL HYDRO		189	187	187	183	180	181	182	182	182	189	189	189	188	188
LARGE THERMAL															
OTHER RESOURCES															
15 COGEN, G WEST MLT CLRK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEW, SHORT MT EMRLD	5B1B	2	2	2	2	2	2	2	2	2	2	2	2	2	2
17 PURPA RESOURCES	5B1B	20	21	21	21	21	21	21	21	21	21	21	21	21	21
18 TOTAL OTHER RESOURCES		23	23	23	23	23	23	23	23	23	23	23	23	23	23
EXPORTS															
19 CIDFL TO UTAH,GEM ST HY	5B1B	-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
20 TOTAL EXPORTS		-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
21 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
1995-96 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT (CONTINUED)															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
28 WELLS OKANOG CER	5B1A	0	0	0	-1	-1	-1	-1	-1	-1	-1	0	0	0	0
29 WELLS OKANOG CER	5B1B	-4	-4	-4	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
CANADIAN ENTITLEMENT RETURN TO CANADA															
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 TOTAL CONTRACTS OUT		-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-4	-4
CONTRACTS IN															
40 CSPE PURCHSE	5B1A	79	79	79	79	79	79	79	79	79	79	66	66	66	66
41 SUPPLEMENTAL CAPACITY	5B1A	11	11	11	11	11	11	11	11	11	11	9	9	9	9
42 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
43 BPA TO CLK,PKWD LAKE	5B1B	34	34	34	34	34	34	34	34	34	34	34	34	34	34
44 TOTAL CONTRACTS IN		143	143	143	143	143	143	143	143	143	143	129	129	129	129
TOTAL DEDICATED RESOURCES															
45 RESOURCES USED 79-80	5B1A	169	169	169	172	172	172	172	172	172	172	158	158	158	158
46 OTHER RESOURCES	5B1B	158	159	159	172	169	169	170	170	170	178	178	178	177	156
47 TOTAL DEDICATED RESOURCES		327	328	328	344	341	342	343	343	343	350	337	337	335	314
NONDEDICATED RESOURCES															
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	53	53	53	53	53	53	53	53	53	0	0	53	53	53
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO	PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
55 PURPA RESOURCES	N WAS	19	19	19	19	19	19	19	19	19	19	19	19	19	19
56 TOTAL NONDEDICATED RES		71	71	71	71	71	71	71	71	71	18	18	71	71	71
57 TOTAL RESOURCES		398	398	398	414	412	412	413	413	413	367	354	407	406	385

TABLE D-16

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SMALL & NONGEN PUBLIC UTILITIES DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 STRAWBERRY LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 GEM STATE HYDRO CIDFL	5B1B	22	20	20	16	13	14	15	15	15	22	22	22	21	21
MAIN HYDRO															
5 WELLS OKANOGAN SHARE	5B1A	11	11	11	15	15	15	15	15	15	15	15	15	15	15
6 WELLS OKANOGAN SHARE	5B1B	106	106	106	102	102	102	102	102	102	102	102	102	102	102
7 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
8 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
9 WANAPUM M FREE SHARE	5B1A	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10 PRIEST R. F GROVE SHR	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11 PRIEST R. MCMINN SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
12 PRIEST R. M FREE SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
13 PRIEST R. KITATS SHARE	5B1A	4	4	4	4	4	4	4	4	4	4	4	4	4	4
14 TOTAL HYDRO		189	187	187	183	180	181	182	182	182	189	189	189	188	188
LARGE THERMAL															
OTHER RESOURCES															
15 COGEN, G WEST MLT CLRK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEW, SHORT MT EMRLD	5B1B	3	3	3	3	3	3	3	3	3	3	3	3	3	3
17 PURPA RESOURCES	5B1B	20	21	21	21	21	21	21	21	21	21	21	21	21	21
18 TOTAL OTHER RESOURCES		23	24	24	24	24	24	24	24	24	24	24	24	24	24
EXPORTS															
19 CIDFL TO UTAH,GEM ST HY	5B1B	-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
20 TOTAL EXPORTS		-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
21 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
2000- 1 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT (CONTINUED)															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
28 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 WELLS OKANOG CER	5B1B	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
CANADIAN ENTITLEMENT RETURN TO CANADA															
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
38 WELLS OKANOG CER	5B1B	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
39 TOTAL CONTRACTS OUT		-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
CONTRACTS IN															
40 CSPE PURCHSE	5B1A	26	26	26	26	26	26	26	26	26	26	26	26	26	26
41 SUPPLEMENTAL CAPACITY	5B1A	3	3	3	3	3	3	3	3	3	3	3	3	3	3
42 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
43 BPA TO CLK,PKWD LAKE	5B1B	34	34	34	34	34	34	34	34	34	34	34	34	34	34
44 TOTAL CONTRACTS IN		84	84	84	84	84	84	84	84	84	84	83	83	83	83
TOTAL DEDICATED RESOURCES															
45 RESOURCES USED 79-80	5B1A	108	108	108	111	111	111	111	111	111	111	110	110	110	110
46 OTHER RESOURCES	5B1B	157	157	157	170	167	168	169	169	169	176	176	176	175	154
47 TOTAL DEDICATED RESOURCES		265	265	265	281	278	279	280	280	280	287	286	286	285	264
NONDEDICATED RESOURCES															
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	53	53	53	53	53	53	53	53	53	0	0	53	53	53
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO	PSP&L	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
55 PURPA RESOURCES	N WAS	19	19	19	19	19	19	19	19	19	19	19	19	19	19
56 TOTAL NONDEDICATED RES		71	71	71	71	71	71	71	71	71	18	18	71	71	71
57 TOTAL RESOURCES		335	335	335	352	349	349	350	350	350	305	304	357	355	335

TABLE D-16

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
SMALL & NONGEN PUBLIC UTILITIES															
DEDICATED RESOURCES															
HYDRO INDEPENDENTS															
1 MOYIE SPRINGS BONNFY	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 YELM CENTRAL	5B1A	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3 STRAWBERRY LOW VAL	5B1A	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4 GEM STATE HYDRO CIDFL	5B1B	22	20	20	16	13	14	15	15	15	22	22	22	21	21
MAIN HYDRO															
5 WELLS OKANOGAN SHARE	5B1A	11	11	11	15	15	15	15	15	15	15	15	15	15	15
6 WELLS OKANOGAN SHARE	5B1B	106	106	106	102	102	102	102	102	102	102	102	102	102	102
7 WANAPUM F GROVE SHARE	5B1A	6	6	6	6	6	0	0	0	0	0	0	0	0	0
8 WANAPUM MCMINN SHARE	5B1A	6	6	6	6	6	0	0	0	0	0	0	0	0	0
9 WANAPUM M FREE SHARE	5B1A	6	6	6	6	6	0	0	0	0	0	0	0	0	0
10 PRIEST R. F GROVE SHR	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 PRIEST R. MCMINN SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 PRIEST R. M FREE SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 PRIEST R. KITATS SHARE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 TOTAL HYDRO		172	169	169	166	163	145	146	146	146	153	153	153	151	151
LARGE THERMAL															
OTHER RESOURCES															
15 COGEN, G WEST MLT CLRK	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 RENEW, SHORT MT EMRLD	5B1B	4	4	4	4	4	4	4	4	4	4	4	4	4	4
17 PURPA RESOURCES	5B1B	20	21	21	21	21	21	21	21	21	21	19	19	19	19
18 TOTAL OTHER RESOURCES		24	24	24	24	24	24	24	24	24	24	22	22	22	22
EXPORTS															
19 CIDFL TO UTAH,GEM ST HY	5B1B	-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
20 TOTAL EXPORTS		-22	-20	-20	0	0	0	0	0	0	0	0	0	0	-21
IMPORTS															
CONTRACTS OUT															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
21 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 WANAPUM F GROV CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 WANAPUM MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 WANAPUM M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE D-16 (CONTINUED)

SMALL & NONGENERATING DEDICATED AND NONDEDICATED RESOURCES
INCLUDING CLARK AND GRAYS HARBOR
2009-10 LEVEL

1930 WATER LEVEL PEAK IN MEGAWATTS		JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
CONTRACTS OUT (CONTINUED)															
CANADIAN ENTITLEMENT RETURN FOR CSPE															
28 WELLS OKANOG CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 WELLS OKANOG CER	5B1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANADIAN ENTITLEMENT RETURN TO CANADA															
30 PRIEST R. F GROVE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 PRIEST R. MCMINN CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 PRIEST R. M FREE CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 PRIEST R. KITITS CER	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 WANAPUM F GROV CER	5B1A	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0
35 WANAPUM MCMINN CER	5B1A	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0
36 WANAPUM M FREE CER	5B1A	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	0
37 WELLS OKANOG CER	5B1A	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
38 WELLS OKANOG CER	5B1B	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9
39 TOTAL CONTRACTS OUT		-12	-12	-12	-12	-12	-10	-10	-10	-10	-10	-10	-10	-10	-10
CONTRACTS IN															
40 CSPE PURCHSE	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41 SUPPLEMENTAL CAPACITY	5B1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42 BPA TO OTHER PUB,PKWD	5B1A	20	20	20	20	20	20	20	20	20	20	20	20	20	20
43 BPA TO CLK,PKWD LAKE	5B1B	34	34	34	34	34	34	34	34	34	34	34	34	34	34
44 TOTAL CONTRACTS IN		54	54	54	54	54	54	54	54	54	54	54	54	54	54
TOTAL DEDICATED RESOURCES															
45 RESOURCES USED 79-80	5B1A	61	61	61	64	64	47	47	47	47	47	47	47	47	47
46 OTHER RESOURCES	5B1B	154	155	155	168	165	166	166	166	166	174	172	172	170	150
47 TOTAL DEDICATED RESOURCES		216	216	216	232	229	213	214	214	214	221	219	219	218	197
NONDEDICATED RESOURCES															
48 EXP,PNGC TO SC MUNI,BRDMAN		0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 LG THM, BOARDMAN	PNGC	53	53	53	53	53	53	53	53	53	0	0	53	53	53
50 SM TH & MISC, NONAME	BONNFY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51 SM TH&MISC, DIESEL1	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52 SM TH&MISC, DIESEL2	BONNFY	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53 SM TH & MISC, DIESEL	CIDFL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 CONT OUT, N WASCO TO PSP&L		-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
55 PURPA RESOURCES	N WAS	19	19	19	19	19	19	19	19	19	19	19	19	19	19
56 TOTAL NONDEDICATED RES		71	71	71	71	71	71	71	71	71	18	18	71	71	71
57 TOTAL RESOURCES		286	287	287	303	300	283	284	284	284	239	237	290	288	268

TA-591/592

SECTION XII - Capacity Surplus/Deficit Sensitivities

CAPACITY ANALYSIS

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Northwest Regional 20-Year Peak Summary		
Existing Regional Resources and Existing Regional Contracts		
30 Hour - Medium Load	S-1A	TA-594
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Federal 20-Year Summary		
Existing Federal Resources and Existing Federal Contracts		
30 Hour - Medium Load	S-2A	TA-596
70 Hour - Medium Load	S-2B	TA-597

TABLE S-1A MEDIUM BPA FORECAST

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING REGIONAL CONTRACTS AND NO RESOURCE ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	8653	9686	8445	7866	7244	9590	9536	8568	7702	9039	7980	8042	8918	10401
1991-92	8362	9594	8353	7616	7387	9373	9370	8457	7665	8494	7633	7687	9041	9911
1992-93	8261	9320	8079	7700	7215	9192	9194	8165	7244	8222	7808	7867	8885	9356
1993-94	7984	9048	7807	7656	6961	8924	9105	8076	7213	8230	7163	7217	8584	8907
1994-95	7756	8832	7591	7195	6768	8608	8727	7755	6778	8320	7331	7393	7971	8921
1995-96	7726	8827	7586	7379	6810	8350	8344	7493	6590	8109	6580	6634	8007	9442
1996-97	7666	8729	7488	7277	6664	8205	8181	7209	6259	7851	6648	6708	7867	9102
1997-98	7371	8453	7212	6820	6361	7866	7813	6805	5892	7305	6674	6728	7684	8140
1998-99	7016	8073	6832	6345	5917	7388	7307	6256	5329	6824	5445	5509	6505	7609
1999-00	6197	7240	6002	5737	4792	6514	6508	5494	4660	6073	5076	5130	7144	7632
2000-01	5903	6970	5732	5262	4588	6274	6135	5129	4228	5953	4697	4757	6403	6949
2001-02	5711	6790	5553	5271	4355	6002	5823	4898	3945	5505	4424	4478	5772	7091
2002-03	5475	6504	5267	4592	4022	5635	5433	4424	3564	5137	4132	4198	4822	6319
2003-04	4382	5588	4352	3622	3034	4622	4400	3275	2484	4063	3699	3752	4888	5369
2004-05	4179	5233	3997	3448	2530	4048	3886	2738	1879	3609	3162	3223	4462	5022
2005-06	3845	4892	3656	3311	2206	3682	3366	2272	1438	3214	2317	2371	4695	5301
2006-07	3500	4576	3339	2776	2030	3442	3090	1964	1146	3175	1900	1966	3467	4718
2007-08	3348	4443	3206	2829	1628	2975	2585	1460	702	2753	1502	1582	3365	4853
2008-09	3107	4162	2926	2533	1275	3001	2663	890	20	2275	1232	1703	2730	4309
2009-10	3045	4099	2863	2451	1043	2712	2477	188	-684	1679	674	1144	2120	3963

NOVEMBER 16, 1989

TABLE S-1B MEDIUM BPA FORECAST

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 70-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING REGIONAL CONTRACTS AND
NO RESOURCE ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	7062	7714	6901	6295	5512	7064	7627	6672	5417	6882	5486	5327	7512	8138
1991-92	6770	7622	6810	6045	5655	6847	7461	6561	5380	6337	5139	4972	7635	7648
1992-93	6670	7348	6536	6129	5484	6666	7285	6269	4959	6065	5314	5152	7479	7093
1993-94	6393	7076	6264	6085	5230	6398	7196	6180	4928	6073	4669	4502	7178	6644
1994-95	6165	6860	6047	5623	5037	6082	6818	5860	4493	6163	4837	4678	6565	6658
1995-96	6134	6855	6043	5808	5079	5824	6435	5597	4305	5952	4086	3918	6601	7179
1996-97	6074	6757	5944	5706	4933	5678	6272	5313	3974	5695	4154	3993	6461	6839
1997-98	5780	6481	5669	5249	4630	5340	5905	4909	3607	5148	4179	4012	6278	5877
1998-99	5424	6101	5289	4774	4186	4861	5399	4360	3044	4667	2951	2794	5099	5346
1999-00	4605	5268	4458	4166	3060	3987	4599	3598	2375	3916	2581	2414	5738	5369
2000-01	4312	4998	4189	3691	2856	3748	4226	3233	1943	3796	2203	2042	4997	4686
2001-02	4120	4818	4010	3700	2623	3475	3914	3002	1660	3348	1930	1763	4366	4828
2002-03	3883	4531	3724	3021	2291	3109	3524	2528	1279	2980	1638	1482	3416	4056
2003-04	2791	3616	2808	2051	1303	2095	2491	1379	199	1906	1204	1037	3482	3107
2004-05	2588	3261	2454	1877	799	1521	1978	842	-406	1452	667	508	3056	2759
2005-06	2254	2920	2113	1740	475	1156	1457	376	-847	1058	-178	-345	3289	3038
2006-07	1909	2604	1796	1205	298	915	1181	68	-1139	1018	-594	-750	2061	2455
2007-08	1756	2471	1663	1258	-103	448	677	-436	-1583	596	-992	-1133	1959	2590
2008-09	1516	2190	1383	962	-456	475	754	-1006	-2265	118	-1262	-1013	1324	2046
2009-10	1454	2127	1319	880	-688	185	568	-1708	-2969	-478	-1820	-1571	714	1700

NOVEMBER 16, 1989

TABLE S-2A MEDIUM BPA FORECAST

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING FEDERAL CONTRACTS AND NO FEDERAL SYSTEM ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	3710	4781	3581	3467	3049	4774	5737	5484	4401	6248	5605	6089	6994	5672
1991-92	3843	4927	3727	4608	4198	6008	7020	6806	5744	7558	6898	7381	8332	7031
1992-93	5254	6315	5115	5033	4564	6141	7143	6874	5749	7602	7029	7512	8382	7106
1993-94	5263	6333	5133	5036	4600	6188	7191	6920	5827	7701	7062	7544	8505	7193
1994-95	5461	6520	5320	5199	4751	6286	7181	6956	5795	7834	7241	7724	8580	7298
1995-96	5732	6789	5589	5459	4987	6248	7136	6883	5736	7758	7093	7577	8525	7539
1996-97	6092	7163	5963	5825	5335	6585	7472	7225	6070	8107	7385	7869	8816	7832
1997-98	6018	7076	5876	5726	5209	6441	7308	7066	5923	7990	7293	7777	8651	7646
1998-99	5882	6945	5740	5582	5044	6262	7117	6872	5729	7813	6870	7353	8217	7283
1999-00	5804	6840	5624	5476	5195	6084	6919	6686	5569	7917	6942	7425	8464	7209
2000-01	5730	6764	5544	5388	5093	5972	6823	6614	5459	7825	6840	7325	8289	7121
2001-02	5734	6759	5532	5379	5077	5940	6779	6575	5421	7806	6832	7317	8202	7132
2002-03	5668	6688	5455	5298	4982	5826	6652	6464	5312	7708	6440	6924	7783	6666
2003-04	5225	6192	4960	4820	4501	5327	6148	5927	4800	7194	6280	6764	7631	6426
2004-05	5113	6069	4837	4689	4358	5164	5963	5732	4603	7035	6121	6604	7481	6412
2005-06	4966	5920	4687	4534	4183	4828	5605	5355	4242	6715	5708	6192	7243	6112
2006-07	4715	5632	4399	4239	3874	4659	5421	5174	4070	6557	5558	6043	7026	5981
2007-08	4598	5513	4281	4114	3735	4571	5316	5083	3979	6487	5496	6007	6948	5926
2008-09	4236	5149	3916	3743	3343	4708	5444	5202	4109	6355	5372	5858	6808	6062
2009-10	4369	5280	4047	3866	3448	4408	5121	4855	3771	6042	5071	5556	6520	5789

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TABLE S-2B MEDIUM BPA FORECAST

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 70-HOUR CAPACITY SURPLUS/DEFICIT

20 YEAR MONTHLY SUMMARY

ASSUMING EXISTING FEDERAL CONTRACTS AND
NO FEDERAL SYSTEM ACQUISITIONS

M E D I U M L O A D S

1930 WATER LEVEL

PEAK IN MEGAWATTS

	JUL	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN
1990-91	2119	2809	2038	1896	1317	2247	3828	3588	2116	4091	3111	3373	5588	3409
1991-92	2251	2955	2184	3037	2466	3481	5111	4910	3459	5401	4404	4666	6926	4768
1992-93	3662	4343	3572	3462	2833	3614	5234	4978	3464	5445	4535	4796	6976	4843
1993-94	3672	4361	3589	3465	2869	3661	5283	5025	3542	5544	4568	4829	7099	4930
1994-95	3869	4547	3776	3628	3019	3759	5272	5061	3510	5677	4747	5008	7174	5035
1995-96	4140	4817	4046	3888	3255	3722	5228	4987	3451	5601	4598	4861	7119	5276
1996-97	4500	5191	4420	4254	3604	4058	5563	5329	3785	5950	4891	5154	7410	5569
1997-98	4426	5104	4333	4155	3478	3914	5399	5171	3638	5833	4799	5062	7245	5383
1998-99	4290	4973	4197	4011	3313	3735	5208	4977	3444	5656	4375	4637	6811	5020
1999-00	4212	4868	4081	3905	3464	3558	5010	4790	3284	5760	4447	4709	7058	4946
2000-01	4138	4792	4001	3817	3362	3445	4915	4719	3174	5669	4346	4610	6883	4858
2001-02	4143	4787	3988	3808	3346	3413	4871	4679	3136	5649	4338	4601	6796	4869
2002-03	4076	4716	3912	3727	3251	3299	4743	4568	3027	5551	3945	4208	6377	4404
2003-04	3633	4220	3417	3249	2769	2800	4239	4031	2515	5037	3786	4049	6225	4163
2004-05	3522	4097	3294	3118	2626	2637	4054	3836	2318	4878	3627	3889	6075	4149
2005-06	3374	3948	3144	2963	2452	2301	3696	3459	1957	4558	3213	3477	5837	3849
2006-07	3124	3660	2856	2668	2142	2132	3512	3278	1785	4401	3064	3328	5620	3718
2007-08	3007	3541	2738	2543	2004	2044	3407	3187	1694	4331	3002	3292	5542	3663
2008-09	2645	3177	2373	2172	1612	2182	3536	3307	1824	4198	2878	3142	5402	3799
2009-10	2777	3308	2504	2295	1716	1881	3212	2959	1486	3885	2577	2841	5114	3526

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SECTION XIII - Water Year Selection TA-600

TECHNICAL SUPPORT

40 Correlated Water Years
1945 Base Water
Instantaneous Peak TA-602
Adjusted Sustained Peak TA-603
1930 Base Water
Instantaneous Peak TA-604
Adjusted Sustained Peak TA-605

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 the implementation of the Northwest Power Planning Act, the determination of the sustained peaking capability of the Federal hydro projects, and new hydrogeneration restrictions from the U.S. Army Corps of Engineers and Bureau of Reclamation (USBR).

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 levels 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 levels 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 annual historical water levels meeting the FPLCC of the base water levels.
- All 40 water levels were ranked by their annual probability of peaking load loss.
- 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 1-4. They illustrate that, for hydroregulation purposes, the base water levels 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 1929-30 water levels provides a 50-hour sustained hydro capability which 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.

TMisley:jmp:3942 (VS5-RPSE-1123k)

CHART 1

INSTANTANEOUS PEAK
40 CORRELATED WATER YEARS
1945 BASE WATER

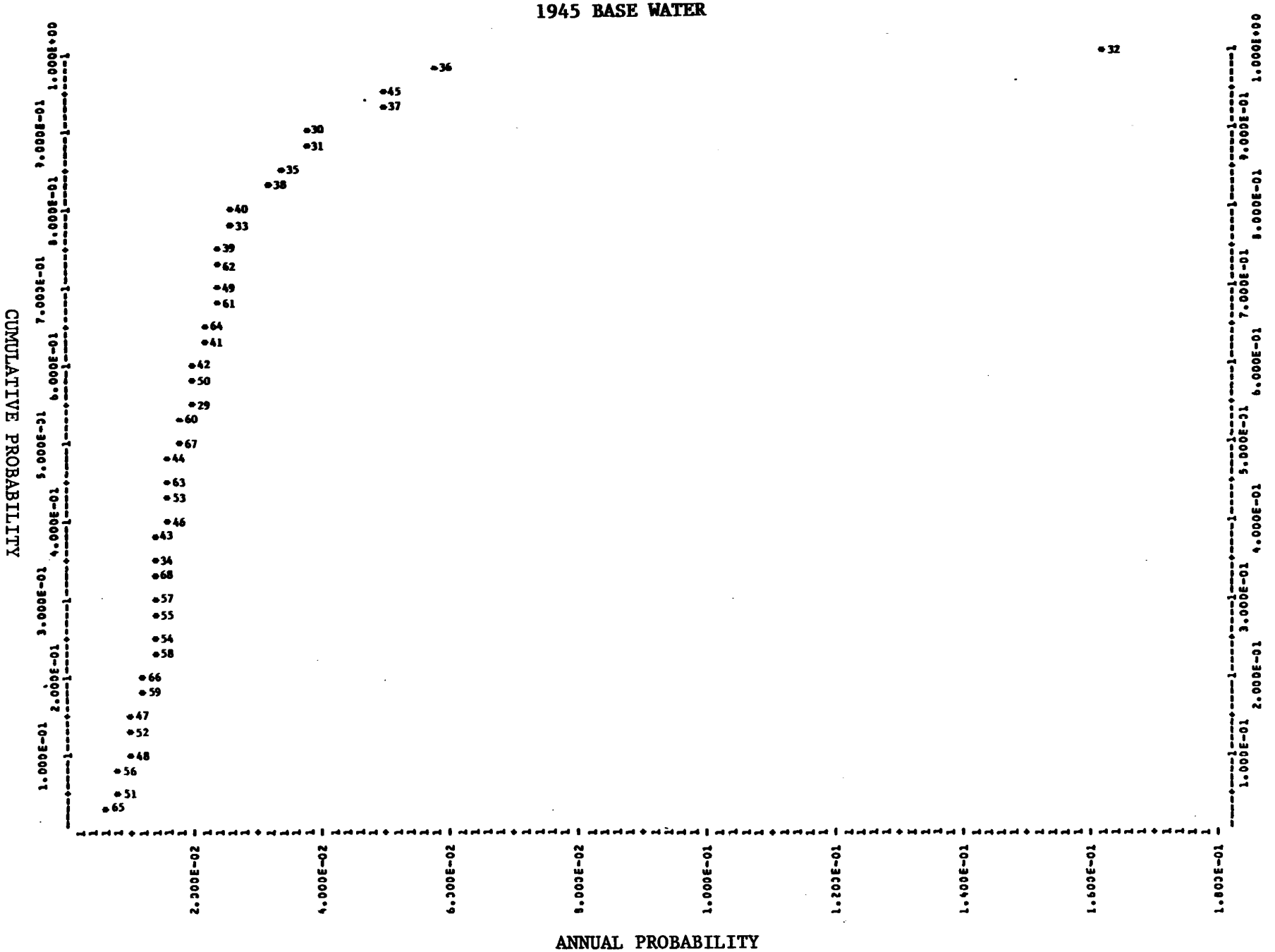


CHART 2

ADJUSTED SUSTAINED PEAK
40 CORRELATED WATER YEARS
1945 BASE WATER

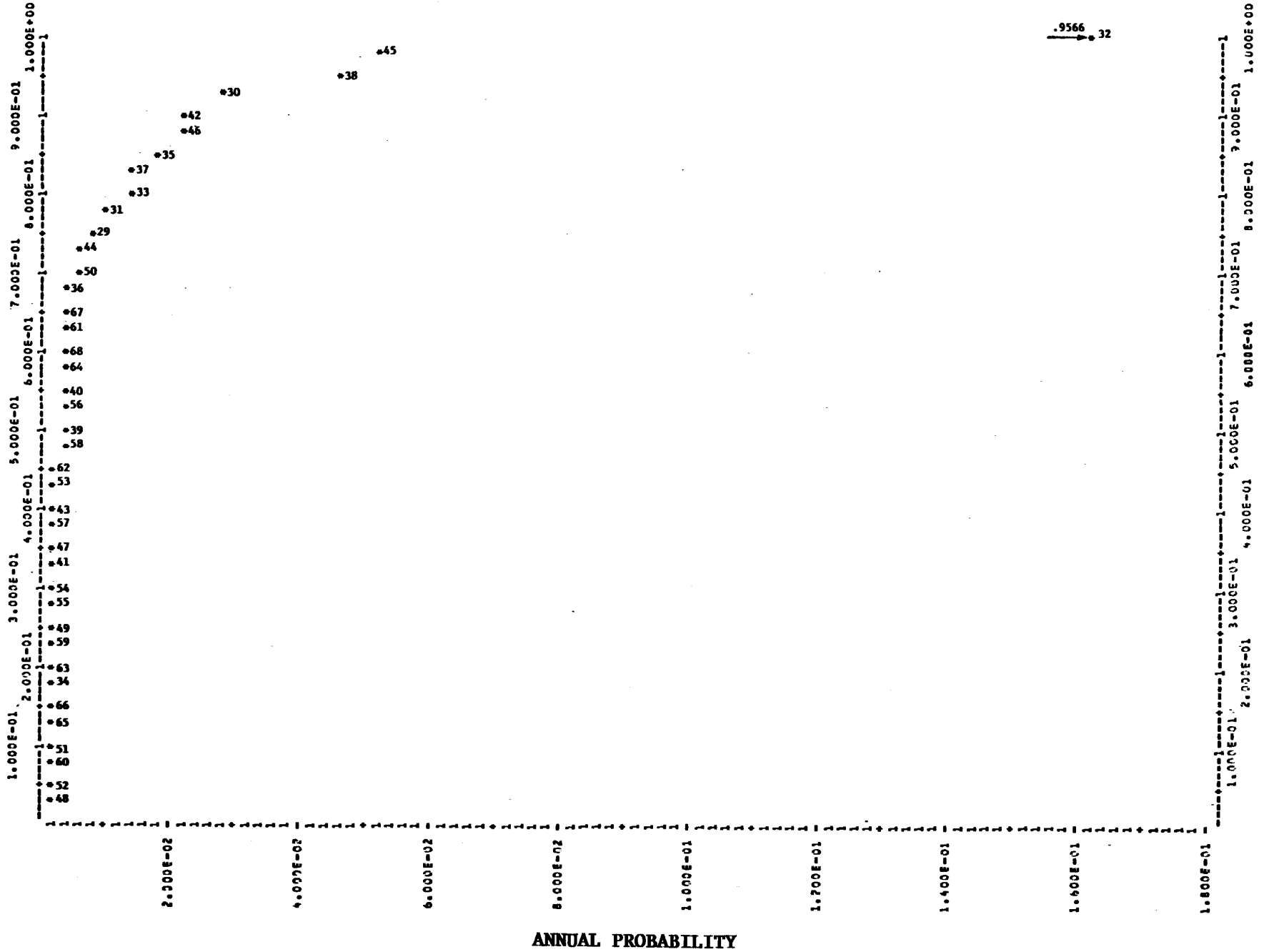


CHART 3

INSTANTANEOUS PEAK
40 CORRELATED WATER YEARS
1930 BASE WATER

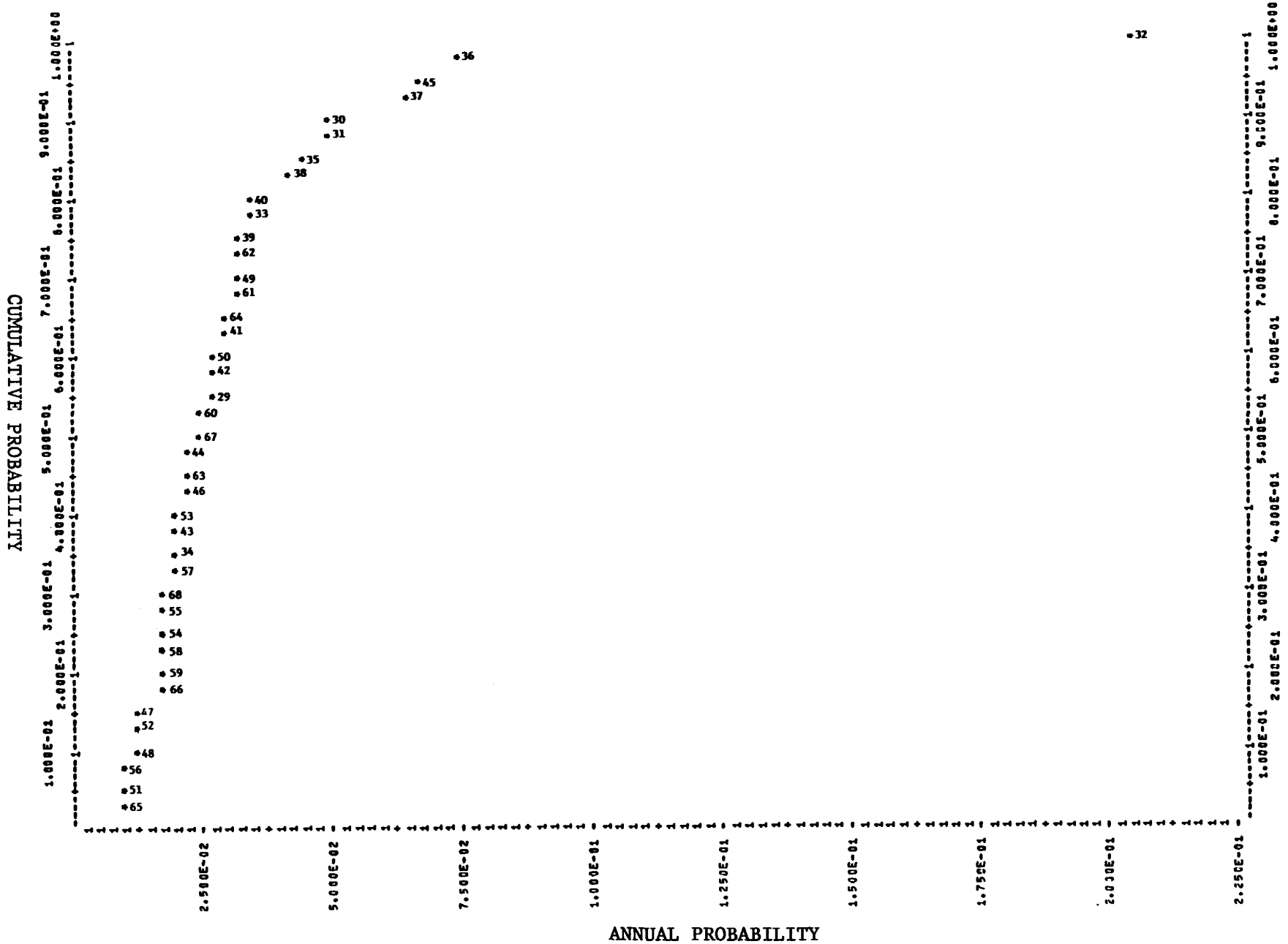


CHART 4

ADJUSTED SUSTAINED PEAK
40 CORRELATED WATER YEARS
1930 BASE WATER

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SECTION XIV - Secondary Energy Analysis

TECHNICAL SUPPORT

	Page
Regional 1928-29 Through 1977-78 Water Levels	
Operating Year 1990-91	TA-608

SURPLUS ENERGY IN EXCESS OF FIRM LOAD CARRYING CAPABILITY
ENERGY IN AVERAGE MEGAWATTS 1990-1991 OPERATING YEAR

WATER YEAR	JULY	AUG 15	AUG 31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 15	APR 30	MAY	JUNE	YR. AVE.
1929	9491.	4598.	723.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4117.	0.	1376.
1930	410.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2948.	0.	285.
1931	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2560.	0.	217.
1932	0.	0.	0.	0.	0.	0.	0.	1360.	213.	5247.	6066.	5743.	9073.	7849.	2472.
1933	3122.	744.	1736.	0.	0.	44.	1162.	9039.	5635.	1528.	378.	3264.	6067.	11037.	3376.
1934	11123.	5995.	3849.	1512.	2897.	4818.	8436.	9657.	9654.	9022.	8940.	9115.	10604.	4673.	7196.
1935	0.	159.	0.	0.	0.	1573.	907.	6662.	6513.	384.	0.	0.	4075.	5228.	2087.
1936	6276.	3192.	210.	0.	0.	0.	0.	3148.	1356.	0.	906.	6339.	8756.	1408.	2200.
1937	406.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3546.	0.	336.
1938	0.	0.	0.	0.	0.	0.	0.	7169.	3673.	3493.	4509.	6657.	8558.	8897.	3104.
1939	3210.	114.	0.	0.	0.	248.	571.	3033.	0.	265.	1437.	4348.	8381.	1903.	1732.
1940	3205.	1732.	0.	0.	0.	0.	0.	2309.	0.	2347.	1767.	3031.	5035.	899.	1434.
1941	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	268.	0.	3536.	0.	311.
1942	0.	0.	0.	0.	805.	958.	5980.	7676.	3116.	0.	1826.	2243.	3614.	3655.	2321.
1943	4773.	2439.	859.	0.	0.	0.	0.	8936.	7610.	2970.	8940.	9115.	6414.	9977.	4245.
1944	10670.	4992.	1034.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2052.	0.	1327.
1945	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4322.	7049.	946.
1946	2746.	0.	0.	0.	0.	0.	0.	8252.	6773.	4790.	5261.	7468.	10894.	7545.	3929.
1947	4439.	1823.	474.	0.	0.	1289.	5216.	9445.	9654.	4974.	5460.	3822.	10062.	5950.	4712.
1948	1554.	1833.	0.	358.	5298.	4442.	2722.	9657.	9654.	3429.	2247.	5202.	10604.	15407.	5619.
1949	10116.	5062.	3896.	1241.	515.	1097.	0.	4610.	5916.	4906.	3758.	6207.	10604.	5782.	4521.
1950	1265.	0.	0.	0.	0.	0.	676.	8536.	9654.	7203.	7020.	5292.	7246.	13647.	4485.
1951	11723.	6071.	3422.	1222.	3105.	5409.	6583.	9657.	9654.	9022.	8940.	9429.	12112.	9228.	7632.
1952	8419.	5912.	1070.	973.	4178.	2726.	2826.	8144.	8263.	3816.	8622.	9115.	10604.	6834.	5752.
1953	3677.	2687.	0.	0.	0.	0.	0.	7456.	7866.	2548.	0.	256.	3953.	11375.	3157.
1954	9194.	2282.	1672.	378.	333.	1698.	2144.	9324.	9654.	4967.	4064.	3494.	10406.	11475.	5421.
1955	10098.	8504.	7168.	3974.	1271.	2949.	1492.	6878.	5496.	0.	2443.	0.	4023.	9085.	4520.
1956	10031.	4217.	968.	254.	2412.	5123.	6788.	10177.	10174.	9542.	9460.	9635.	12012.	16120.	7882.
1957	11057.	4115.	2366.	756.	1313.	1327.	2404.	6575.	8746.	5205.	5159.	1989.	10604.	11037.	5472.
1958	3139.	0.	0.	0.	0.	0.	0.	6390.	9654.	4286.	3201.	4303.	10604.	8756.	3843.
1959	0.	0.	0.	0.	0.	2982.	4200.	9657.	9654.	5727.	5756.	3986.	7224.	11037.	4570.
1960	10057.	3662.	1513.	5477.	7158.	6076.	4131.	7922.	6859.	6009.	8940.	4645.	4319.	7860.	6261.
1961	5366.	3153.	0.	518.	0.	1781.	295.	8997.	9654.	6988.	5005.	0.	8279.	11037.	4714.
1962	3104.	1001.	1014.	0.	0.	0.	0.	7455.	5846.	1855.	6754.	5759.	4407.	6623.	3021.
1963	2336.	3297.	1343.	0.	1087.	3567.	4229.	6518.	9654.	1663.	1300.	935.	4729.	4954.	3473.
1964	3275.	1725.	688.	258.	0.	790.	0.	8303.	6073.	536.	3790.	0.	5034.	11869.	3248.
1965	12075.	5027.	1749.	1772.	2399.	2064.	6326.	9657.	9654.	9022.	8940.	9115.	9304.	11037.	7132.
1966	6159.	5259.	3760.	1284.	1297.	2270.	1011.	7576.	5683.	1789.	7265.	0.	3860.	2747.	3476.
1967	4892.	3219.	52.	0.	0.	0.	1789.	9657.	8634.	2712.	1543.	0.	5468.	11542.	3891.
1968	12616.	4746.	1293.	441.	1115.	2083.	1079.	7368.	9654.	6131.	0.	0.	3770.	5655.	4403.
1969	4253.	2594.	2520.	3522.	2923.	4581.	3363.	9657.	9654.	6220.	8940.	9115.	10604.	11037.	6417.
1970	6792.	1927.	6.	657.	1082.	849.	601.	8903.	7884.	786.	2216.	0.	6299.	11037.	3884.
1971	1663.	848.	0.	0.	0.	0.	1189.	9657.	9654.	9022.	8940.	9410.	14684.	16882.	5993.
1972	12770.	7887.	2429.	1380.	737.	2385.	1975.	9657.	9654.	14280.	12741.	9115.	14149.	17512.	8371.
1973	14801.	9214.	5261.	1789.	818.	986.	2787.	3784.	0.	382.	0.	0.	4368.	0.	3125.
1974	0.	828.	0.	0.	0.	1211.	5627.	10237.	10884.	12522.	12470.	12563.	14257.	18624.	7150.
1975	15775.	8361.	4060.	1857.	0.	0.	943.	9336.	7854.	3884.	1256.	0.	7596.	12094.	5510.
1976	13723.	3006.	3767.	1946.	2564.	5251.	8877.	9657.	9654.	9022.	8940.	9115.	11116.	11037.	7942.
1977	10861.	10922.	9974.	5789.	311.	0.	0.	0.	0.	0.	0.	0.	2298.	0.	2506.
1978	0.	0.	0.	0.	0.	0.	620.	4580.	4041.	6782.	8356.	4572.	6570.	7949.	3070.
AVERAGE	5613.2	2863.0	1377.5	747.2	872.4	1411.5	1939.0	6453.3	5991.5	3905.5	4276.4	3887.9	7314.4	7706.9	4001.4

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