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Additions to Generating Capacity 1978-1987 for the Contiguous United States

*As Projected by the
Regional Electric Reliability Councils
in Their April 1, 1978
Long-Range Coordinated Planning Reports
to the Department of Energy*

**Prepared
September 15, 1978**

**Published
October 1978**

**U.S. Department of Energy
Economic Regulatory Administration
Division of Power Supply and Reliability**

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U.S. Department of Energy
Economic Regulatory Administration
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Washington, D.C.



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I - Summary

This report summarizes and discusses the generating unit capacity changes projected for 1978-1987 by the Regional Electric Reliability Councils^{1/} in their April 1, 1978 Coordinated Long-Range Planning Reports to the Department of Energy. An earlier DOE report^{2/} reviewed the Council projections of peak demands, energy requirements, total capacity and reserve margins for the same decade.

Table H of this report itemizes the individual generating units projected for construction, retirement, uprating, and derating during 1978-1987 according to Item 2B of the nine Reliability Council reports. Tables 1 through 5 herein provide summaries of the Table H information in several different categories and groupings.

New generating units to be completed by the end of 1987, according to Table 1, total 847, representing 308,737 megawatts. However, 12 of these units are combustion turbines representing 720 megawatts, which are to be converted to combined cycle operation within two years of initial operation. The adjusted total of new capacity is then 835 units and 308,017^{3/}Mw (excluding 2 windpower units totalling 10 MW). The total

^{1/} See maps in Section V for Council acronyms and geographic boundaries.

^{2/} Electric Power Supply and Demand 1978-1987 for the Contiguous United States. Department of Energy. Published July 1978. DOE/ERA-0018.

^{3/} In this total, all units are included at the capacity assigned when they first go into service.

includes 1799 Mw of "unconventional" generating capacity and one 700 Mw unit that will use a mixture of coal and refuse as a fuel. This report includes in Section IV some discussion of the nature of the various forms of "unconventional" capacity planned by utilities.

During the same ten-year period, as shown in Table 3, 351 units totalling 11,020 Mw are to be retired. Included in these totals are the 12 combustion turbine units (720 Mw) that are not actually retired but undergo a change of status to operation as part of combined cycle units. Therefore the actual retirement plans are to remove from service only 339 units totalling 10,300 Mw.

In addition to capacity changes due to installation of new units and retirement of older ones, there are capacity changes due to "upratings" and "deratings." An "uprating" is an increase in the generating capacity of a unit previously installed; a "derating" is a reduction in the capacity of a unit previously installed. Upratings are common in the case of nuclear units, which in many instances are operated initially, for some time, at less than the design rating. After experience is gained and tests are made, and it is deemed safe to increase the output level, the unit will be "uprated" to a higher level. Changes in the rated capacity assigned to fossil units may result from operating experience, actual physical changes made after a unit is in commercial operation, changes to fuel of a different quality or other reasons.

Table 1 of this report indicates the capacity initially assigned to the generating units. Upratings are summarized in Table 2 and Deratings in Table 4. Table I.1 below combines the totals of new units, retirements, upratings and deratings to obtain the net increase in generating capacity and Table I.2 shows the energy sources projected for the new units.

Table I.1 - Projected Changes in Generating Capacity
1978-1987

	<u>No. of Units</u>	<u>Total Mw</u>
New Units Added ^{1/}	835	308,017
Upratings	<u>2/</u>	8,527
Retirements ^{1/}	(339)	(10,300)
Deratings	<u>2/</u>	(5,508)
Net Change	<u>496</u>	<u>300,736</u>

This table does not include 2 installations of wind-powered units totalling 10 Mw, which are not regarded as contributing firm capacity. (See discussion in Section IV of this report.)

^{1/} Duplication due to installation of combustion turbines later converted to combined cycle operation has been eliminated.

^{2/} The number of units is not meaningful, because a unit may have its rating changed more than once in the ten-year period under review.

TABLE I.2
Energy Sources for New Generating Units
As Projected by the Regional Reliability Councils

PRIMARY ENERGY SOURCE	ALTERNATE ENERGY SOURCE	PROJECTED 4/1/78 FOR 1978-1987 CAPACITY TO BE ADDED		PROJECTED 4/1/77 FOR 1977-1986 CAPACITY TO BE ADDED	
		MW	PERCENT	MW	PERCENT
		<u>1/</u> <u>2/</u>	<u>3/</u>	<u>1/</u>	<u>3/</u>
COAL	NONE	140,164	45.505	127,751	39.113
COAL	OIL	2,263	0.735	5,048	1.546
COAL	NAT. GAS	14	0.005	649	0.199
COAL	N.R. ^{4/}	3,765	1.222	3,315	1.015
	SUBTOTAL	146,206	47.467	136,763	41.872
OIL	NONE	18,617 ^{7/}	6.044	30,370 ^{9/}	9.298
OIL	N.R.	0	0	58	0.018
OIL	COAL	1,220	0.396	0	0
OIL	NAT. GAS	1,235	0.401	2,409	0.738
	SUBTOTAL	21,072	6.841	32,837	10.053
NAT. GAS	NONE	30 ^{8/}	0.010	94	0.029
NAT. GAS	OIL	472	0.153	1,995	0.611
	SUBTOTAL	502	0.163	2,089	0.640
HYDRO ^{5/}	NONE	8,911	2.893	8,394	2.570
HYDRO P.S. ^{6/}	NONE	8,034	2.608	9,051	2.771
	SUBTOTAL	16,945	5.501	17,445	5.341
N.R.	N.R.	2,740	0.890	5,070	1.552
N.R.	NONE	1,875	0.609	0	0
N.R.	JET FUEL	157	0.051	0	0
	SUBTOTAL	4,772	1.549	5,070	1.552
REFUSE	NONE	0	0	32	0.010
REFUSE	OIL	107 ^{10/}	0.035	150	0.046
REFUSE/COAL	OIL	700	0.227	0	0
GEOTHERMAL	NONE	1,536	0.499	1,706	0.522
NUCLEAR	NONE	116,177	37.718	130,532	39.964
	TOTAL	308,017	100.000	326,624	100.000

1/ See footnotes on p. 2 of this table

Notes

- 1/ Does not include 4Mw of Windmill capacity for 1986
- 2/ Does not include 6Mw of Windmill capacity for 1987
- 3/ Summation of percentages may not agree with subtotals and total because of rounding
- 4/ N.R. = not reported
- 5/ Conventional hydro
- 6/ Pumped Storage hydro; not actually a primary energy source because the energy stored must be provided by some other source. The energy and capacity used for providing the pumped storage capacity and energy cannot be accurately allocated to the various other (actual) primary sources.
- 7/ Includes 997 Mw of steam turbine capacity using "waste heat" boilers fueled by heat in the exhaust of oil-fired combustion turbines. "Double-counting" of combustion turbine capacity converted to combined cycle operation several years after initial installation has been eliminated.
- 8/ Includes 10 Mw of steam turbine capacity using a "waste heat" boiler fueled by heat in the exhaust of a gas-fired combustion turbine.
- 9/ Includes 150 Mw of steam turbine capacity using "waste heat" boilers fueled by heat in the exhaust of oil-fired combustion turbines.
- 10/ This is one 700 MW unit projected by Power Authority of the State of New York for 1984 completion. Primary fuel is to be a blend of coal and refuse. The status of this unit is uncertain at this time.

II - General Comments

Comparison of the 1978 projections of the Reliability Councils with those made the previous year indicates three major changes in electric utility planning: (1) a reduction in total capacity additions for the 10-year planning period, (2) a significant decrease in nuclear additions, and (3) a shift from oil and gas to coal as a source of primary energy. Nuclear capacity continues to far overshadow fossil fuel capacity in the unit size range 1000 Mw and up, with the reverse true for unit sizes less than 1000 Mw.

Although the total ten-year new unit capacity drops from 326,624 Mw (1977-1986) to 308,017^{1/} (1978-1987), new capacity planned that would use coal as a primary energy source increases from 136,763 Mw to 146,206 Mw.^{2/} Nuclear capacity, in terms of total new units projected for the two ten-year periods, decreases from 130,532 Mw to 116,177 Mw, and capacity with oil as the primary source drops from 32,837 Mw to 21,072 Mw. It should also be noted that for 1977-86, no capacity was planned with oil as a primary source and coal as an alternate fuel but for 1978-87, 1220 Mw of such capacity is projected. Therefore, the total new capacity projected that could use coal as a fuel (primary or alternate)

1/ See Table I.1.

2/ See Table I.2.

is 147,426 Mw. In addition, one 700 Mw unit is planned for which the primary fuel will be a blend of coal and refuse. There is a decrease in the capacity planned that would use natural gas as a primary source, from 2,089 Mw in 1977-1986 to 502 Mw in 1978-1987.

III - Conventional Generating Unit Sizes and Types

In this report, the term "conventional" is intended to categorize types of generating facilities long in use for power production by electric utilities or suitable for large-scale power production. It includes nuclear generating units, even though such plants did not make an appearance on utility systems until the late 1950's; fossil-fueled steam units; hydroelectric plants; combustion turbines; diesel-driven generators; and the combination of combustion turbines and steam units known as "combined cycle" units. "Unconventional" generating capacity is discussed in Section IV.

The choice of size for a proposed generating unit, like most of the choices that must be made in the planning of electric power supply systems, is affected by several interacting factors. A decision as to size, in most instances, is not a "single-shot" affair but is the result of an iterative process. A preliminary choice, which may be based on the experienced judgment of planning engineers or on the results of a computerized selection process that requires preliminary assumptions and judgments, is subjected to a review process that may modify the original choice, leading to a second choice and possibly a third. The initial selection, however made, and the review process leading to the final selection, integrate the effects of the amount of capacity needed, level of reliability desired, investment cost (total and in terms of dollars

per kilowatt), operating cost, estimated life of the unit, fuel supply considerations, environmental and siting factors, and state of technology for the kind of generating unit under consideration. Technical factors relating the unit to the existing generating and transmission system ^{1/} which is to receive its power output and transmit it to load centers must also be given careful consideration. Another element, that carries considerable weight, is the type of loading to which the unit is to be subjected: base load operation, approximately rated output for some 5,500 hours or more per year; cyclic or intermediate loading, widely varying output for about 1,500 to 5,500 hours per year; or peak load operation, in the range of 1,500 hours or less per year. These remarks are not intended to describe fully and completely the procedures for selection of generating unit sizes in the planning process but only to sketch a background against which the projections reported can be viewed.

Table III.1 summarizes the new fossil steam generating capacity projected for the period 1978-1987. It shows that the units planned range in size from less than 100 Mw to 1300 Mw. The largest group is the 300 Mw-599 Mw size range, but the size range with the largest amount of total capacity projected is 600 Mw-999 Mw. These two size ranges together constitute 78.13% of the number of fossil steam units projected and 89.52% of the fossil steam capacity projected.

Table III.2 groups the new nuclear units projected by size ranges.

^{1/} Transmission system expansion may be required when a new generating unit is built

Table III.1 - New Fossil Steam Generating Capacity Sizes
Projected by the Reliability Councils
for 1978-1987

Council Region	Size Range In Megawatts					Total
	0-	100-	300-	600-	1000-	
	99	299	599	999	1399	
a) <u>Number of Units In Size Range</u>						
ECAR	2	6	20	28	5 ^{1/}	61
ERCOT	0	4	11	12	0	27
MAAC	0	0	3	6	0	9
MAIN	9	3	19	2	0	33
MARCA	4 ^{2/}	3	10	10	0	27
NPCC	4 ^{2/}	0	1	5	0	10
SERC	0	11	11	27	0	49
SWPP	1	4	33	16	0	54
WSCC	0	14	30	6	0	50
Total Mw	20	45	138	112	5	320
Total %	6.25	14.06	43.13	35.00	1.56	100.00

b) <u>Mw Capacity in Each Size Range</u>						
ECAR	78	1200	9302	18449	6500	35529
ERCOT	0	623	4977	8910	0	14510
MAAC	0	0	1100	3870	0	4970
MAIN	595	520	9062	1260	0	11437
MARCA	99	370	4680	6975	0	12124
NPCC	182 ^{2/}	0	568	3850	0	4600
SERC	0	2220	5045	19064	0	26329
SWPP	30	865	15829	10860	0	27584
WSCC	0	3249	12912	4500	0	20661
Total Mw	984	9047	63475	77738	6500	157744
Total %	0.62	5.74	40.24	49.28	4.12	100.00

1/ These 5 units are rated at 1300 megawatts each; they are to be coal-fired, with no alternate fuel.

2/ Includes two 16 Mw refuse-fired units with oil as alternate fuel.

Table III.2 - New Nuclear Generating Capacity Sizes Projected by the Reliability Councils

For 1978-1987

Council Region	Size Range in Megawatts					Total
	0- 599	600- 799	800- 999	1000- 1199	1200- 1299	
a) <u>Number of Units in Size Range</u> ^{3/ 4/}						
ECAR	1 ^{1/}	2	4	6	2	15
ERCOT	0	0	0	3	2	5
MAAC	0	0	1	8	0	9
MAIN	0	0	2	9	0	11
MARCA	0	0	0	1	0	1
NPCC	0	0	1	7	1	9
SERC	0	0	10	10	12	32
SWPP	0	0	3	4	2	9
WSCC	1 ^{2/}	0	2	5	10	18
Total No.	2	2	23	53	29	109
Total %	1.83	1.83	21.10	48.62	26.61	100.00
b) <u>Mw Capacity In Each Size Range</u> ^{3/}						
ECAR	530 ^{1/}	1,436	3,463	6,831	2,456	14,716
ERCOT	0	0	0	3,430	2,500	5,930
MAAC	0	0	880	8,579	0	9,459
MAIN	0	0	1,850	9,916	0	11,766
MARCA	0	0	0	1,100	0	1,100
NPCC	0	0	820	8,010	1,200	10,030
SERC	0	0	8,891	11,600	14,954	35,445
SWPP	0	0	2,792	4,615	2,500	9,907
WSCC	330 ^{2/}	0	1,948	5,570	12,560	20,408 ^{3/}
Total Mw	860	1,436	20,644	59,651	36,170	118,761 ^{3/}
Total %	0.72	1.21	17.38	50.23	30.46	100.00

1/ Midland Unit No. 1, designed to supply 530 Mw of electrical power to Consumers Power Co. and about 4 million lbs. of steam/hr to Dow Chemical Co. The reactor is similar to that associated with Midland Unit No. 2, which is to supply 805 Mw of electric power only.

2/ Fort St. Vrain, the only High Temperature Gas Cooled Reactor operated by a U.S. electric utility. It is rated at 330 Mw.

3/ Based on ultimate unit capacity, not the capacity assigned for initial service, which totals 116,177 Mw.

4/ Units with capacity shared between regions are counted in the region where physically located.

Inspection of Tables III.1 and III.2 shows that 102,321 Mw, 33.22% of the total 308,017 Mw of new capacity projected for 1978-1987, will be in units of 1000 Mw or larger size. Of this large unit capacity, all but 6,500 Mw is comprised of nuclear units. That is, 93.65% of the new units over 1000 Mw will be nuclear. In the size range 600 Mw to 999 Mw, for which 99,818 Mw are projected, the new nuclear capacity totals 22,080 Mw and the new fossil steam capacity is 77,738 Mw. Aside from two special cases (Midland No. 1 and Fort St. Vrain), no new nuclear capacity is projected in units of less than 600 Mw; fossil steam units in this size group amount to 73,506 Mw. These data are summarized in Table III.3 below.

Table III.3 - New Nuclear and Fossil^{*} Steam Unit Capacity Sizes as Projected by the Reliability Councils for 1978-1987

<u>Size Range</u> <u>Mw</u>	<u>Fossil</u> <u>Megawatts</u>	<u>Nuclear</u>	<u>Total</u>	
			<u>Mw</u>	<u>%</u>
1,000-1,399	6,500	95,821	102,321	37.01
600- 999	77,738	22,080	99,818	36.10
0- 599	<u>73,506</u>	<u>860</u>	<u>74,366</u>	<u>26.89</u>
Total Mw	157,744	118,761	276,505	
Total %	57.05	42.95	100.00	100.00

*Excludes the steam portion of combined cycle units.

Table III.4 is a summary of the projected new generating capacity by type of unit. It indicates that the electric utility industry is basing power supply for the coming decade on the continuing use of technology and principles proven in practice, with 51.18% of the new capacity being

in fossil steam units and 37.72% in nuclear units. Large-scale rapid introduction of new technology is not planned, although new approaches are being tested, as demonstrated by inclusion of windpower and fuel cell units and the expanded use of geothermal energy.

Table III.4 Summary of New Capacity by Type
as Projected by the Reliability Councils
for 1978-1987

<u>Type</u>	<u>Mw</u> ^{2/}	<u>% of Total</u>
Fossil Steam ^{1/}	157,637 ^{6/}	51.18
Nuclear Steam ^{2/}	116,177	37.72
Combustion Turbine ^{3/}	8,519	2.77
Combined Cycle ^{4/}	4,643	1.51
Conventional Hydro	8,911	2.89
Pumped Storage Hydro	8,034	2.61
Diesel	137	0.04
Unconventional ^{5/}	1,799	0.58
Not Reported ^{7/}	2,160	0.70
Total	308,017	100.00

1/ Excludes steam portion of combined cycle units and refuse-fired steam units, but includes one 700 Mw unit using a coal and refuse mix.

2/ Based on capacity at which a unit initially goes into service. The total based on ultimate capacity after uprating is 118,761 Mw.

3/ Excludes 720 Mw of Lucerne Valley (WSCC) combustion turbine capacity planned for conversion to combined cycle operation one year or more after installation.

4/ Includes the 720 Mw referred to in footnote 3.

5/ Includes Fuel Cells (156 Mw), Refuse units (107 Mw) and Geothermal units (1536 Mw). Does not include the 10 Mw of Wind-powered units scheduled for 1986 and 1987 in WSCC.

6/ This total becomes 157,744 if the 107 Mw of refuse-fired capacity is removed from the Unconventional category and put into the fossil steam category. The turbine-generator portion of a refuse-fired unit is steam-driven. The "unconventional" part of a refuse-fired unit is mainly in the fuel supply and boiler portion.

7/ Capacity for which the need is recognized but no decision as to type has yet been made.

Most of the conventional hydro capacity projected is to be installed in the WSCC region, as shown in Table III.5 below, but most of the pumped storage capacity is to be in SERC (See Table III.6).

Table III.5 New Conventional Hydro Capacity
Projected by the Reliability Councils
for 1978-1987

<u>Region</u>	<u>Units</u>		<u>Capacity</u>	
	No.	% Of Total	Mw	% Of Total
WSCC	76	68.47	7440	83.49
SERC	17	15.32	912	10.23
NPCC	13	11.71	273	3.06
MAAC	3	2.70	219	2.46
ECAR	1	0.90	40	0.45
SWPP	1	0.90	27	0.30
ERCOT	0	0.00	0	0.00
MAIN	0	0.00	0	0.00
MARCA	0	0.00	0	0.00
Total	111	100.00	8911	100.00

The largest hydro units to be installed are the three 700 megawatt additions to Grand Coulee, a power plant of the U.S. Bureau of Reclamation, in the Northwest Power Pool sub-area of WSCC.

Table III.6 New Pumped Storage Hydro Capacity
Projected by the Reliability Councils
for 1978-1987

<u>Region</u>	<u>Units</u>		<u>Capacity</u>	
	No.	% of Total	Mw	% of Total
SERC	25	53.19	4772	59.40
WSCC	10	21.28	1975	24.58
ECAR	5	10.64	1100	13.69
SWPP	7	14.89	187	2.33
Total	47	100.00	8034	100.00

IV - Unconventional Generating Capacity

"Unconventional" generating capacity, for the purposes of this report, is that which differs in one or more significant aspects from the types of generating capacity in general use on electric utility systems. To be categorized as "unconventional" a generating unit or plant need not necessarily be of a wholly new type or embody new principles of electricity generation. For instance, generating units using refuse, geothermal steam and wind energy as primary sources of power are classified as "unconventional" because those sources of energy are not in general use and pose special problems in the construction and operation of facilities which use them. However, it is the "fuel" supply, not the generating equipment itself, which is "unconventional" in these instances. All three of the types just referred to use rotating electric generators whose design and performance are well understood. But each has special problems associated with the primary energy source or integration into the system that require developmental or technological work.

Fuel cells, a fourth type of "unconventional" power source, are entirely new, although a significant amount of design, analysis and testing has been devoted to their development.

"Unconventional," in this report, includes the following types of units:

- o steam units using refuse as fuel
- o steam units using geothermal energy
- o wind-powered units
- o fuel cells

Although solar energy, tidal power, magnetohydrodynamic devices and ocean thermal gradients may at some time in the future be used as sources of electric power for utility systems, no such facilities are projected in the Reliability Council reports for the period 1978-1987.

Table IV.1 summarizes the "unconventional" generating capacity as defined above, that has been projected in the 1977 and 1978 Reliability Council reports.

Table IV.1 - Summary of New Unconventional Capacity as Projected by the Reliability Councils

<u>Type of Capacity</u>	<u>Council Region</u>	<u>Mw to be Added in Ten-Year Period</u>	
		<u>Projected 4/1/78 For 1978-1987</u>	<u>Projected 4/1/77 For 1977-1986</u>
Refuse	NPCC	107	182
Geothermal	WSCC	1536	1706
Wind Power	WSCC	10	4
Fuel Cell	NPGC	26	26
Fuel Cell	WSCC	<u>130</u>	<u>390</u>
Total		1809	2308

*None of this capacity was in commercial operation as of December 31, 1977

Refuse

Refuse-fired facilities use processed combustible refuse as a boiler fuel to produce steam. The steam is then used to operate steam turbines and rotating electric generators of standard types. The nature of the fuel supply, which would appear to indicate a need for centralized processing of refuse on a large scale and disposal facilities for non-combustible material, as well as boiler waste product disposal equipment, makes it likely that refuse-powered units will be located at central power plants.* The power generated will feed into the electric supply network at the transmission level. As long as fuel supply is available, these units can be operated and dispatched as reliable capacity sources

* Instead of at substations or at the ends of long lines, as may be done with diesels, combustion turbines or windpowered units.

in the same way as other fossil-fuel units on the system, with due consideration given to their size and incremental cost performance.

It is probable that a refuse-burning generating unit will have a higher heat rate (lower efficiency) than one using conventional fossil fuel. The major reason is the need for more auxiliary power at the plant, to process the incoming refuse, separate the combustible material from that which is not combustible, and sort the non-combustibles into several categories (ferrous metals, non-ferrous metals, glass, other materials) for further disposition. Additional processing of the combustibles will also be needed, to produce fuel with uniform characteristics, suitable for feeding to the furnace. However, the lower unit efficiency may be offset by the value of the reclaimed non-combustible materials, in monetary terms. Additional benefits are the reduced need for conventional fuels and elimination of current unsightly landfill (or ocean dumping) methods of waste disposal.

The 32 Mw of refuse-fired capacity (no alternate fuel), listed in the 1977-1986 NPCC projections for operation in 1978 on the Long Island Lighting Co. system in conjunction with the town of Hempstead, N.Y., appear in the 1978-1987 projections with oil given as the alternate fuel. This project is designated "Mitchell Gardens." A 700 Mw unit, to burn refuse blended with coal, is planned by the Power Authority of the State of New York for 1984 completion on Staten Island.

In the 1977-1986 projection the Massachusetts Municipal Wholesale Electric Co. (MMWEC) listed one 75 Mw unit for 1982 and one for 1983, each using refuse as the primary fuel and oil as the secondary fuel, at undesignated locations. In the 1978-1987 projection the unit scheduled for 1982 is now designated as Plainville No. 1. No other refuse-fired unit is reported for 1978-1987. However, MMWEC does list an unsited 75 Mw fossil steam unit for 1983 operation, with primary and alternate fuel as "unreported." This may be the one reported earlier as a refuse-fired unit.

Geothermal Energy

Geothermal capacity, both in the 1977 and 1978 Council reports, was projected only in the WSCC region. Table IV.2 is a summary of the units projected in both years, for the period 1978-1986. No units were projected for completion in 1977 and 1987. Currently, 18 units totalling 1536 Mw are planned. In the 1977 WSCC report, 18 geothermal units totalling 1706 MW were listed, most of them being planned by Pacific Gas & Electric Co. (PG&E). All of the units projected are to use natural steam, with no alternate fuel.

The 1977 report listed 8 geothermal units, each 110 Mw, as planned by PG&E at unspecified sites and 6 units as additions to the

TABLE IV.2
PROSPECTIVE NEW GEOTHERMAL CAPACITY
AS REPORTED BY WSCC^{1/}

<u>UNIT</u>	<u>MW</u>	<u>UTILITY</u>	<u>Projected Completion</u>	
			<u>As of 4/1/78</u>	<u>As of 4/1/77</u>
Geysers No. 12	106	Pacific G&E Co.	Oct. 1978	Jul. 1978
Geysers No. 15	55	Pacific G&E Co.	Dec. 1978	Sep. 1978
Geysers No. 14	110	Pacific G&E Co.	Jun. 1979	Feb. 1979
Geysers No. 13	135	Pacific G&E Co.	Oct. 1979	Jul. 1979
Unsited Geo No. 1	50	Imp. Irrig. Dist.	Jun. 1980	Jun. 1980
Geysers No. 16	110	Pacific G&E Co.	Oct. 1981	May 1981
Geysers No. 17	110	Pacific G&E Co.	Oct. 1981	May 1981
Unsited Geo No. 2	110	Pacific G&E Co.	N.R.	Jul. 1982
Unsited Geo No. 3	110	Pacific G&E Co.	N.R.	Jul. 1982
Unsited Geo No. 4	110	Pacific G&E Co.	N.R.	Jul. 1983
Unsited Geo No. 5	110	Pacific G&E Co.	N.R.	Jul. 1983
Geysers No. 18	110	Pacific G&E Co.	Aug. 1983	N.R.
Geysers No. 19	110	Pacific G&E Co.	Sep. 1983	N.R.
Unsited Geo No. 1	55	Cal. Dept. Wtr. Res.	Apr. 1983	N.R.
Unsited Geo No. 2	50	Imp. Irrig. Dist.	Jun. 1983	Jun. 1983
Geysers No. 20	110	Pacific G&E Co.	Jun. 1984	N.R.
Geysers No. 21	110	Pacific G&E Co.	Jun. 1984	N.R.
Unsited Geo No. 6	110	Pacific G&E Co.	N.R.	Jul. 1984
Unsited Geo No. 7	110	Pacific G&E Co.	N.R.	Jul. 1984
Unsited Geo No. 2	55	Cal. Dept. Wtr. Res.	Jan. 1984	N.R.
Unsited Geo No. 8	110	Pacific G&E Co.	N.R.	Jul. 1985
Unsited Geo No. 9	110	Pacific G&E Co.	Jun. 1986	Jul. 1986
Unsited Geo No. 3	50	Imp. Irrig. Dist.	Jun. 1986	N.R.
Unsited Geo No. 1	50	So. Cal. Edison Co.	Jun. 1986	Apr. 1986
Unsited Geo No. 2	50	So. Cal. Edison Co.	Jun. 1986	Apr. 1986
Total			1536 Mw	1706 Mw

^{1/} No other council projects any geothermal generating capacity

existing Geysers Geothermal Power Plant.^{1/} The 1978 report shows PG&E as planning only one 110 Mw unit at an unspecified site and 10 units at the Geysers site. It appears that, of the 8 units not sited as of 1977, four are now planned to be at the Geysers plant; a location has not yet been chosen for one, and three have been dropped from the planning schedule at least thru 1987.

Southern California Edison Co., which in 1977 reported two 50 Mw geothermal units scheduled for April 1986, at an unspecified site, has rescheduled those units to June 1986 but has not yet selected the site. The Imperial Irrigation District (IID) according to the 1977 report, planned one 50 Mw geothermal unit for June 1980 and another for June 1983; those projections have not changed. In addition, IID has now projected a third 50 Mw unit for June 1986; no site has been selected for any of the three units. The California Department of Water Resources (CDWR) currently reports that it plans to have one 50 Mw geothermal unit completed in April 1983 and a similar one in January 1984; sites have not been selected for either unit. CDWR did not report any geothermal plans in the 1977 report of WSCC.

Geothermal plants, like conventional hydroelectric plants, must be sited where the primary energy source is located. Therefore the

^{1/} The Geysers plant has eleven units, operated by natural steam, ranging in size from 11 Mw to 106 Mw. Total plant capacity is 502 Mw. It is the only utility-operated geothermal plant in the U.S.; commercial operation began in 1960.

choice of sites is limited by geographic and geologic factors, in addition to limitations arising from financial considerations, electrical system considerations and other factors. Two elements affecting the design and location of geothermal plants using natural steam, elements not present when fossil or nuclear steam plants are planned, are the initial treatment and final disposition of the condensed steam. Another complicating factor is the need to determine the magnitude of the geothermal energy supply available at a proposed site, in terms of total megawatt hours that could be supplied to the electrical system and maximum capacity in megawatts that could be operated at the site for a continuous period (hours or days).

A dependable estimate of the total mwh available is important because it significantly affects the economics of the proposed installation. Steam power generating facilities, when properly maintained and operated, can be expected to have a useful life of some 40 years. The energy source, at a reasonable rate of utilization, should be expected to have a life-span approximating that of the generating facilities, if not longer. If the energy source is depleted before the generating facilities have reached the end of useful life, a portion of the original investment will be lost. This loss would include not only the unrecovered financial depreciation, but also a loss of the physical resources devoted to the project (iron,

steel, concrete, etc.), which may not be re-useable. Therefore, prior to selection of a geothermal plant site, extensive geologic exploration and studies are necessary to determine the extent of the resources. These studies are in addition to the usual ones that involve analysis of the terrain and soil with respect to foundations for the structures housing the facilities, availability of cooling water, economic evaluation, magnitude of capacity needed, transmission studies and system operational considerations 2/.

Given adequate steam supply, geothermal units can probably be operated and dispatched as reliable capacity sources in much the same way as fossil-steam units, with due regard to their ratings and incremental cost performance.

Wind Power

Wind-powered generating units differ from conventional ones in that the primary energy source is not under control of the system operator and is to some extent unpredictable, and the power supply cannot be regarded as a firm capacity source in the same sense that fossil and nuclear plants are so regarded. At a specific location the power available from

2/ Geothermal Power Project of Pacific Gas and Electric Co. at the Geysers, California. J. P. Finney, F. J. Miller, D. B. Mills. IEEE Transactions on Power Apparatus and Systems, Vol PAS-92, No. 1, Jan/Feb. 1973, pp. 108-115.

the wind may vary from some 60% of the long term yearly average to over 115% of that value, in the same month, from year to year. Winds in some areas vary significantly with time of year, and may also undergo daily variations.^{3/} Used alone, without auxiliary means of storing the electric energy generated when wind is available, wind powered units cannot be depended upon to supply specific amounts of load in the same way that a fossil-fuel plant can be depended upon. This is so even though over a sufficiently long period (say a month or a season) the availability of power may approach that of a conventional power plant.^{4/} It is possible that a number of wind units dispersed over a large area could utilize geographic wind diversity to achieve a composite availability that would be more consistent with load requirements.

Wind-powered generating facilities might find application on distribution circuits.^{4/} It may also be feasible to use them in conjunction with energy storage facilities (pumped hydro storage, storage batteries or other electrochemical conversion devices, or other means) to provide firm capacity to a utility system. However, adequate

^{3/} Economic Design of Wind Electric Systems. Gary L. Johnson IEEE Transactions on Power Apparatus and Systems Vol. PAS-97, No. 2, March/April 1978. pp. 554-562

^{4/} Design, Economic and System Considerations of Large Wind-Driven Generators. G. Elsoe Jorgensen, M. Lotker, R. C. Meier, D. Brierley. IEEE Transactions on Power Apparatus and Systems, Vol. PAS-95, No. 3, May/June, 1976, pp. 870-878.

experience is lacking in the use of wind-driven generators for meeting fluctuating loads under a variety of operating conditions on utility systems. Until such experience has been gained and evaluated, it may not be prudent to rely heavily on wind-driven generators as capacity sources for utility systems. Such units would be useful as energy sources, to the extent that their output coincides with demand requirements.

Small windpower units, in the neighborhood of 100 Kw, may be useful as individual power supply for small installations, with or without utility supply as an adjunct. The Department of Energy has under way an extensive program for research, testing and development of wind-powered generators in small and large sizes. ^{5/} A wind-powered unit rated at 0.2 Mw has been under test since early 1978 on the isolated^{6/} municipally-owned electric system of Clayton, New Mexico. A large unit, rated at 2 Mw, is to begin test operation in late 1978 on the distribution system of Blue Ridge Electric Membership Cooperative^{7/} near Boone, North Carolina; a two-year test period is planned.

One 4 Mw wind-powered unit was projected in the 1977 WSCC report, for completion in 1986. In the 1978 WSCC report, this unit still appears

^{5/} Federal Wind Energy Program. U.S. Dept. of Energy, Division of Solar Technology. Program Summary, January 1978, DOE/ET-0023/1.

^{6/} Not interconnected with any other electric system.

^{7/} Electric power for the Cooperative is supplied by Duke Power Company and by the Southeastern Power Administration of the Department of Energy.

and in addition a 6 Mw unit is scheduled for 1987 operation. Both units are to be installed by Southern California Edison Co. at sites not designated.

Fuel Cells

Fuel cells use fossil fuel and electrochemical reactions to produce electric power. Installations currently projected produce d.c. power which is changed to a.c. power by means of an "inverter". Fuel cells are suitable for installation at central station power plants, where fuel is usually available. They can also be installed at substations on the transmission and distribution system^{8/} if constant fuel supply is available. Only two council region have projected fuel cell installations, NPCC and WSCC.

In NPCC the Boston Edison Co. in 1977 projected a 26 Mw fuel cell installation, at an undesignated site, for operation in 1982. The primary fuel was to be oil and no alternate fuel was contemplated. The same item is reported in the 1978 NPCC report.

In 1977 WSCC projected 15 fuel cell installations for completion during the next 10 years, each of 26 Mw, for a total of 390 Mw, with primary fuel, alternate fuel, and site undesignated for each facility. All the fuel cells were to be on the system of the Southern California Edison Co.

^{8/} Fuel Cells For Dispersed Power Generation. W. J. Lueckel, L. G. Eklund, S. H. Law. IEEE Transactions on Power Apparatus and Systems, Vol PAS-92, No. 1, Jan/Feb 1973, pp. 230-236.

In 1978 the number of WSCC fuel cell installations projected for the next decade was reduced to five, each of 26 Mw, for a total of 130 Mw. The units are still all planned for the Southern California Edison Co. system, with site, primary fuel and alternate fuel not reported. Table IV.3 shows the completion schedules reported in 1977 and in 1978.

Table IV.3 - Fuel Cell Installations
Projected in the Reliability Council Reports

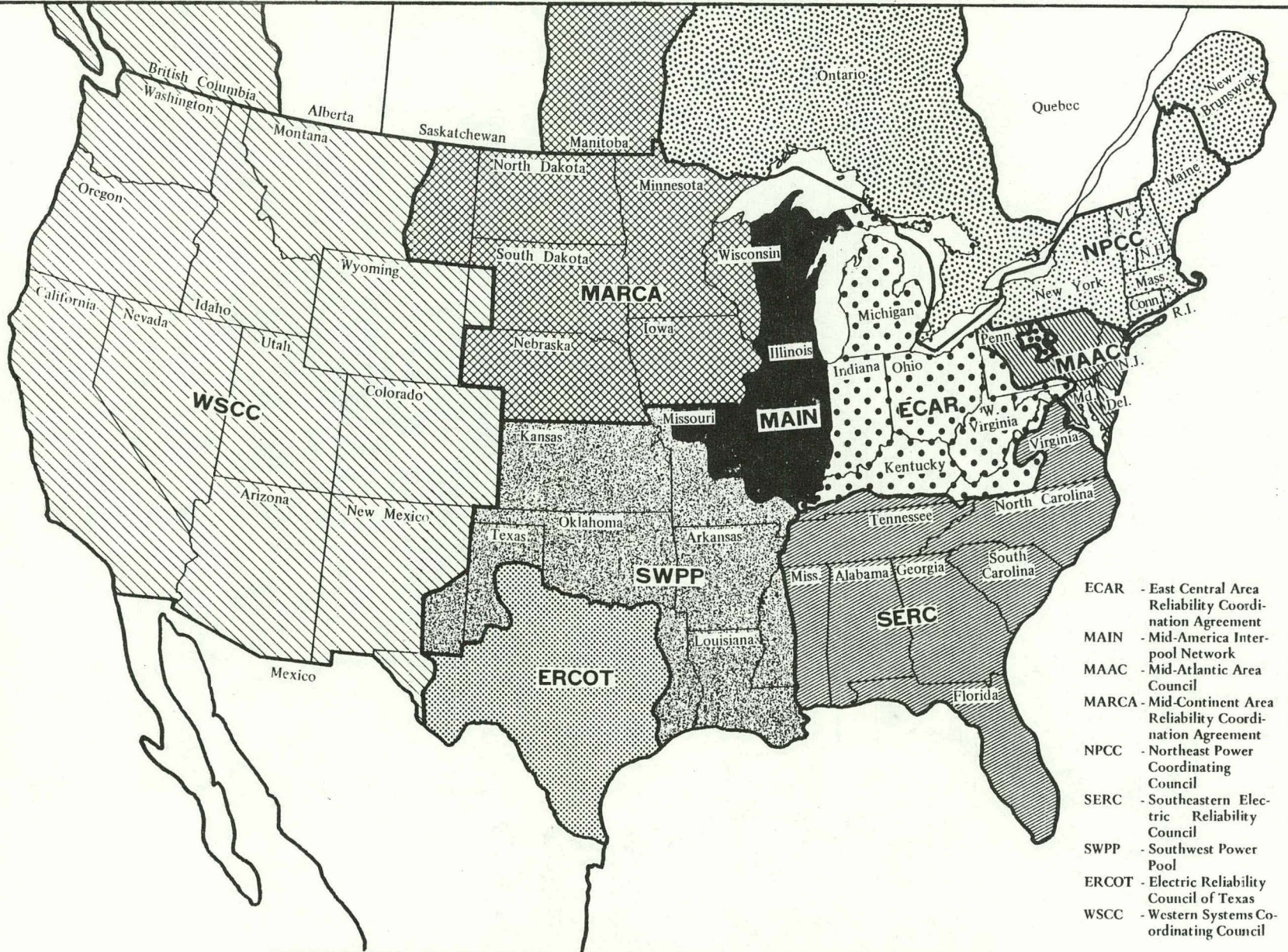
<u>Scheduled Completion</u>	<u>Projected 4/1/78 For 1978-1987</u>	<u>Projected 4/1/77 For 1977-1986</u>
July 1981	N.R. ^{1/}	1 @ 26 Mw
Aug. 1982 ^{2/}	1 @ 26 Mw	1 @ 26 Mw
May 1983	N.R.	2 @ 26 Mw each
July 1983	1 @ 26 Mw	N.R.
Jan. 1984	N.R.	2 @ 26 Mw each
Jan. 1985	N.R.	2 @ 26 Mw each
Mar. 1985	N.R.	2 @ 26 Mw each
Mar. 1986	N.R.	6 @ 26 Mw each
May 1986	2 @ 26 Mw each	N.R.
Jan. 1987	2 @ 26 Mw each	<u>Not included in report</u>
Total	156 Mw	416 Mw
No. of Installations	6	16

1/ Not Reported

2/ This installation is projected by NPCC. All other installations are projected by WSCC.

V - MAPS

DEPARTMENT OF ENERGY - ENERGY INFORMATION ADMINISTRATION



- ECAR - East Central Area Reliability Coordination Agreement
- MAIN - Mid-America Interpool Network
- MAAC - Mid-Atlantic Area Council
- MARCA - Mid-Continent Area Reliability Coordination Agreement
- NPCC - Northeast Power Coordinating Council
- SERC - Southeastern Electric Reliability Council
- SWPP - Southwest Power Pool
- ERCOT - Electric Reliability Council of Texas
- WSCC - Western Systems Coordinating Council

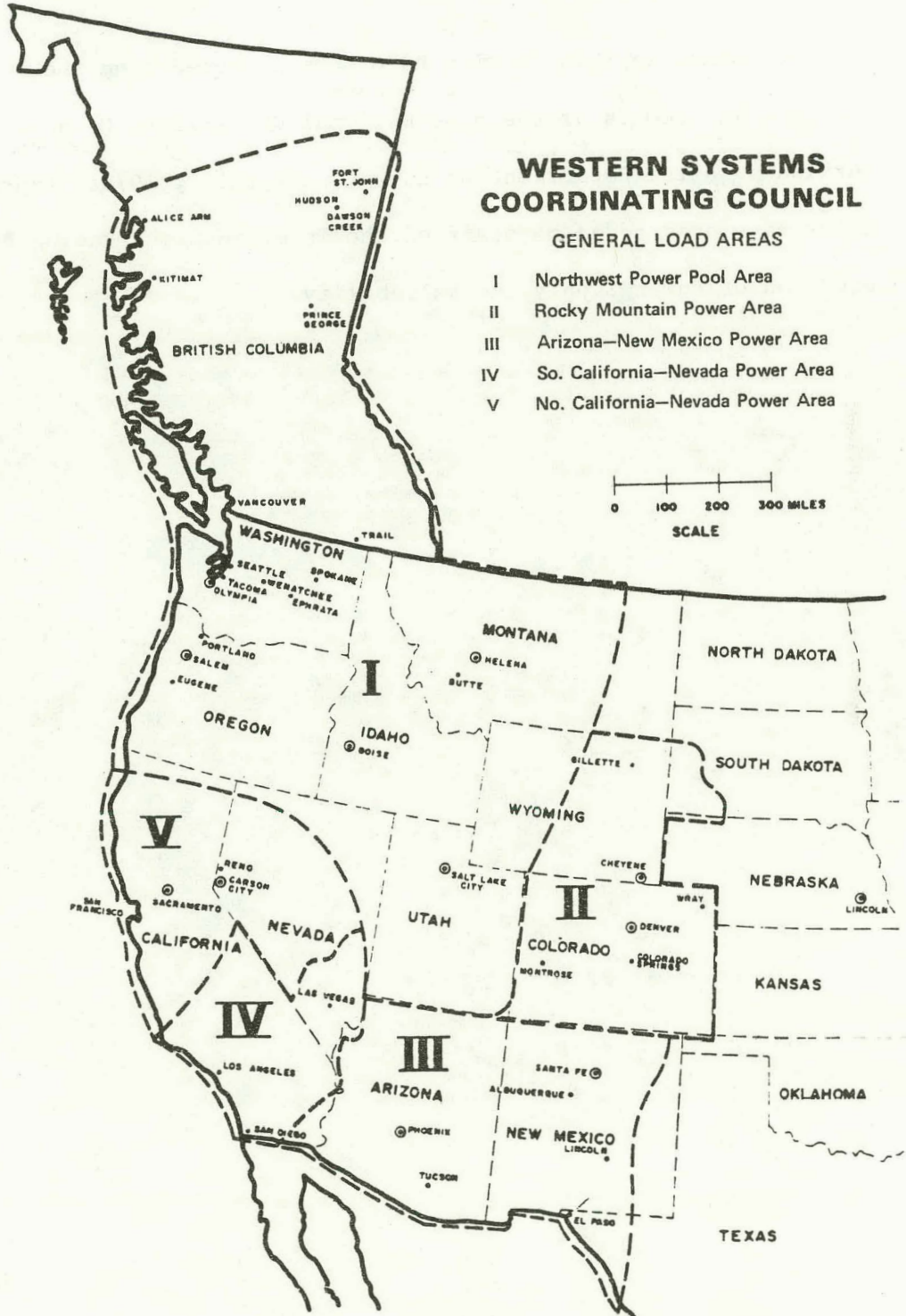
REGIONAL ELECTRIC RELIABILITY COUNCIL AREAS

APRIL, 1978

SUBREGION BOUNDARIES OF THE SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)



OCTOBER 1, 1973



VI - Detailed and Summary Tables

The tables in this section have been produced from the information reported in Item 2B of the nine Regional Reliability Council reports furnished to the Department of Energy on April 1, 1978. Appropriate notes have been added by staff of the Power Supply Planning Branch, Division of Power Supply and Reliability.

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

1978 - 1987

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL ADDITIONS
MEGAWATTS ^{1/}											
ECAR	35,529	876	12	0	0	0	14,666	40	1,100	1,130	53,373
ERCOT	14,510	0	0	0	0	0	5,930	0	0	0	20,440
MAAC	4,970	0	51	126	0	0	9,459	219	0	100	14,925
MAIN	11,437	2,257	0	0	0	0	11,291	0	0	400	25,385
MARCA	12,124	621	35	0	0	0	1,100	0	0	0	13,880
NPCC	4,600 ^{4/}	279	21	457	0	26	10,030	273	0	0	15,686
SERC	26,329	2,196	18	272	0	0	35,276	912	4,772	200	69,975
SWPP	27,584	734	0	0	0	0	9,907	27	187	0	38,439
WSCC	20,661	2,276 ^{3/}	0	3,788 ^{3/}	1,536	130	18,498	7,440	1,975	330	56,634
TOTAL MW	157,744	9,239	137	4,643	1,536	156	116,177	8,911	8,034	2,160	308,737
TOTAL %	51.09	2.99	0.04	1.50	0.49	0.05	37.62	2.88	2.60	0.69	100.00

NUMBER OF UNITS

ECAR	61	17	2	0	0	0	15	1	5	1	102
ERCOT	27	0	0	0	0	0	5	0	0	0	32
MAAC	9	0	7	1	0	0	9	3	0	1	30
MAIN	33	44	0	0	0	0	11	0	0	1	89
MARCA	27 ^{4/}	19	5	0	0	0	1	0	0	0	52
NPCC	10 ^{4/}	4	5	2	0	1	9	13	0	0	44
SERC	49	43	2	4	0	0	32	17	25	1	173
SWPP	54	10 ^{3/}	0	0	0	0	9	1	7	0	81
WSCC	50	44 ^{3/}	0	16 ^{3/}	18	5	18	76	10	7	244
TOTAL NO	320	181	21	23	18	6	109	111	47	11	847
TOTAL %	37.78	21.36	2.47	2.71	2.12	0.70	12.86	13.10	5.54	1.29	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

2/ Does not include 10 Mw of Windmill units in WSCC (One 4 Mw in 1986, One 6 Mw in 1987)

3/ Includes 9 Lucerne Valley combustion turbines (total 540 Mw) installed in 1985 for conversion to combined cycle operation in 1986 (300 Mw) and 1987 (240 Mw) and 3 Lucerne Valley combustion turbines (total 180 Mw) installed in 1986 for conversion to combined cycle operation in 1987.

4/ Includes 107 Mw of Refuse-fired units (two 16 Mw and one 75 Mw)

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1978										TOTAL ADDITIONS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
MEGAWATTS ^{1/}												
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	2,008	0	0	0	0	0	1,100	0	0	0	0	3,108
ERCOT	2,018	0	0	0	0	0	0	0	0	0	0	2,018
MAAC	0	0	13	126	0	0	880	0	0	0	0	1,019
MAIN	2,417	377	0	0	0	0	0	0	0	0	0	2,794
MARCA	1,119	549	6	0	0	0	0	0	0	0	0	1,674
NPCC	632 ^{3/}	0	6	0	0	0	0	0	0	0	0	638
SERC	2,628	0	0	272	0	0	1,701	0	1,540	0	0	6,141
SWPP	2,555	90	0	0	0	0	912	0	0	0	0	3,557
WSCC	1,432	239	0	468	161	0	1,390	3,077	320 ^{2/}	0	0	7,087
TOTAL MW	14,809	1,255	25	866	161	0	5,983	3,077	1,860	0	0	28,036
TOTAL %	52.82	4.47	0.08	3.08	0.57	0.00	21.34	10.97	6.63	0.00	0.00	100.00
NUMBER OF UNITS												
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	5	0	0	0	0	0	1	0	0	0	0	6
ERCOT	4	0	0	0	0	0	0	0	0	0	0	4
MAAC	0	0	2	1	0	0	1	0	0	0	0	4
MAIN	7	7	0	0	0	0	0	0	0	0	0	14
MARCA	2	15	1	0	0	0	0	0	0	0	0	18
NPCC	3 ^{3/}	0	2	0	0	0	0	0	0	0	0	5
SERC	6	0	0	4	0	0	2	0	8	0	0	20
SWPP	5	1	0	0	0	0	1	0	0	0	0	7
WSCC	5	6	0	4	2	0	2	21	2 ^{2/}	0	0	42
TOTAL NO	37	29	5	9	2	0	7	21	10	0	0	120
TOTAL %	30.83	24.16	4.16	7.50	1.66	0.00	5.83	17.50	8.33	0.00	0.00	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

2/ Castaic No. 5 and No. 6.

3/ Includes two 16Mw Refuse-fired Units.

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

TABLE 1
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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1979										TOTAL ADDITIONS
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	
MEGAWATTS ^{1/}											
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	3,033	161	6	0	0	0	792	40	100	0	4,132
ERCOT	2,910	0	0	0	0	0	0	0	0	0	2,910
MAAC	0	0	0	0	0	0	1,115	0	0	0	1,115
MAIN	585	23	0	0	0	0	1,048	0	0	0	1,656
MARCA	2,567	27	0	0	0	0	0	0	0	0	2,594
NPCC	850	0	0	0	0	0	0	0	0	0	850
SERC	391	0	0	0	0	0	3,223	0	240	0	3,854
SWPP	2,015	103	0	0	0	0	0	27	187	0	2,332
WSCC	2,713	199	0	0	245	0	1,060	2,230	100	0	6,547
TOTAL MW	15,064	513	6	0	245	0	7,238	2,297	627	0	25,990
TOTAL %	57.96	1.97	0.02	0.00	0.94	0.00	27.84	8.83	2.41	0.00	100.00
NUMBER OF UNITS											
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	6	3	1	0	0	0	1	1	1	0	13
ERCOT	5	0	0	0	0	0	0	0	0	0	5
MAAC	0	0	0	0	0	0	1	0	0	0	1
MAIN	2	1	0	0	0	0	1	0	0	0	4
MARCA	5	1	0	0	0	0	0	0	0	0	6
NPCC	1	0	0	0	0	0	0	0	0	0	1
SERC	2	0	0	0	0	0	3	0	4	0	9
SWPP	5	2	0	0	0	0	0	1	7	0	15
WSCC	8	5	0	0	2	0	1	14	1	0	31
TOTAL NO	34	12	1	0	2	0	7	16	13	0	85
TOTAL %	40.00	14.11	1.17	0.00	2.35	0.00	8.23	18.82	15.29	0.00	100.00

^{1/} Includes only the capability assigned to a unit when it first goes into service, as shown in Table H.
Upratings are shown in Table 2, deratings in Table 4.

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

TABLE 1
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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1980										TOTAL ADDITIONS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRD	PUMPED STORAGE	TYPE NOT REPORTED		
MEGAWATTS ^{1/}												
ECAR	4,821	0	0	0	0	0	1,093	0	0	0	0	5,914
ERCOT	1,120	0	0	0	0	0	1,250	0	0	0	0	2,370
MAAC	400	0	0	0	0	0	0	0	0	0	0	400
MAIN	580	146	0	0	0	0	1,048	0	0	0	0	1,774
MARCA	1,675	25	8	0	0	0	0	0	0	0	0	1,708
NPCC	0	0	6	0	0	0	820	0	0	0	0	826
SERC	1,775	450	0	0	0	0	6,425	226	217	0	0	9,093
SWPP	4,595	90	0	0	0	0	0	0	0	0	0	4,685
WSCC	2,597	163	0	100	50	0	220	52	100	0	0	3,282
TOTAL MW	17,563	874	14	100	50	0	10,856	278	317	0	0	30,052
TOTAL %	58.44	2.90	0.04	0.33	0.16	0.00	36.12	0.92	1.05	0.00	0.00	100.00
NUMBER OF UNITS												
ECAR	7	0	0	0	0	0	1	0	0	0	0	8
ERCOT	2	0	0	0	0	0	1	0	0	0	0	3
MAAC	1	0	0	0	0	0	0	0	0	0	0	1
MAIN	1	3	0	0	0	0	1	0	0	0	0	5
MARCA	3	1	1	0	0	0	0	0	0	0	0	5
NPCC	0	0	1	0	0	0	1	0	0	0	0	2
SERC	3	9	0	0	0	0	6	4	4	0	0	26
SWPP	9	1	0	0	0	0	0	0	0	0	0	10
WSCC	6	3	0	1	1	0	1	5	1	0	0	18
TOTAL NO	32	17	2	1	1	0	11	9	5	0	0	78
TOTAL %	41.02	21.79	2.56	1.28	1.28	0.00	14.10	11.53	6.41	0.00	0.00	100.00

^{1/} Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1981										TOTAL ADDITIONS
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	
MEGAWATTS ^{1/}											
ECAR	2,770	0	0	0	0	0	805	0	0	0	3,575
ERCOT	545	0	0	0	0	0	1,150	0	0	0	1,695
MAAC	0	0	0	0	0	0	1,050	31	0	0	1,081
MAIN	1,180	259	0	0	0	0	2,685	0	0	0	4,124
MARCA	1,598	0	0	0	0	0	0	0	0	0	1,598
NPCC	0	0	0	300	0	0	0	12	0	0	312
SERC	2,789	700	18	0	0	0	2,393	0	0	0	5,900
SWPP	490	60	0	0	0	0	2,415	0	0	0	2,965
WSCC	718	70	0	378	220	0	1,100	430	1,155	0	4,071
TOTAL MW	10,090	1,089	18	678	220	0	11,598	473	1,155	0	25,321
TOTAL %	39.84	4.30	0.07	2.67	0.86	0.00	45.80	1.86	4.56	0.00	100.00
NUMBER OF UNITS											
ECAR	5	0	0	0	0	0	1	0	0	0	6
ERCOT	1	0	0	0	0	0	1	0	0	0	2
MAAC	0	0	0	0	0	0	1	2	0	0	3
MAIN	2	5	0	0	0	0	3	0	0	0	10
MARCA	5	0	0	0	0	0	0	0	0	0	5
NPCC	0	0	0	1	0	0	0	1	0	0	2
SERC	6	14	2	0	0	0	2	0	0	0	24
SWPP	1	1	0	0	0	0	2	0	0	0	4
WSCC	2	1	0	2	2	0	1	12	5	0	25
TOTAL NO	22	21	2	3	2	0	11	15	5	0	81
TOTAL %	27.16	25.92	2.46	3.70	2.46	0.00	13.58	18.51	6.17	0.00	100.00

^{1/} Includes only the capability assigned to a unit when it first goes into service, as shown in Table H.
Up ratings are shown in Table 2, deratings in Table 4.

PROPOSED GENERATING CAPACITY ADDITIONS
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COUNCIL	1982										TOTAL ADDITIONS
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO-THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	
	MEGAWATTS ^{1/}										
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	3,065	0	6	0	0	0	3,669	0	0	0	6,740
ERCOT	1,150	0	0	0	0	0	2,400	0	0	0	3,550
MAAC	1,210	0	13	0	0	0	1,050	0	0	0	2,273
MAIN	1,400	355	0	0	0	0	3,360	0	0	0	5,115
MARCA	165	0	5	0	0	0	0	0	0	0	170
NPCC	75 ^{2/}	124	6	0	0	26	1,150	10	0	0	1,391
SERC	3,624	60	0	0	0	0	1,145	80	2,775	0	7,684
SWPP	3,862	0	0	0	0	0	0	0	0	0	3,862
WSCC	1,200	0	0	0	0	0	1,490	580	0	50	3,320
TOTAL MW	15,751	539	30	0	0	26	14,264	670	2,775	50	34,105
TOTAL %	46.18	1.58	0.08	0.00	0.00	0.07	41.82	1.96	8.13	0.14	100.00
	NUMBER OF UNITS										
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
ECAR	5	0	1	0	0	0	4	0	0	0	10
ERCOT	2	0	0	0	0	0	2	0	0	0	4
MAAC	2	0	1	0	0	0	1	0	0	0	4
MAIN	5	7	0	0	0	0	3	0	0	0	15
MARCA	2	0	1	0	0	0	0	0	0	0	3
NPCC	1 ^{2/}	1	1	0	0	1	1	1	0	0	6
SERC	5	3	0	0	0	0	1	1	9	0	19
SWPP	7	0	0	0	0	0	0	0	0	0	7
WSCC	2	0	0	0	0	0	2	10	0	1	15
TOTAL NO	31	11	4	0	0	1	14	12	9	1	83
TOTAL %	37.34	13.25	4.81	0.00	0.00	1.20	16.86	14.45	10.84	1.20	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H.
Upratings are shown in Table 2, deratings in Table 4.

2/ One Refuse-fired unit.

PROPOSED GENERATING CAPACITY ADDITIONS
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(INCLUDES ONLY CONTIGUOUS U.S.)

1983

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL ADDITIONS
MEGAWATTS ^{1/}											
ECAR	4,726	0	0	0	0	0	1,189	0	0	0	5,915
ERCOT	1,097	0	0	0	0	0	0	0	0	0	1,097
MAAC	0	0	0	0	0	0	2,175	0	0	0	2,175
MAIN	400	327	0	0	0	0	0	0	0	0	727
MARCA	1,680	10	8	0	0	0	0	0	0	0	1,898
NPCC	925	0	0	0	0	0	1,080	9	0	0	2,014
SERC	2,402	65	0	0	0	0	5,320	384	0	0	8,171
SWPP	2,035	130	0	0	0	0	2,090	0	0	0	4,255
WSCC	3,219	150	0	776	325	26	1,250	493	0	50	6,289
TOTAL MW	16,684	682	8	776	325	26	13,104	886	0	50	32,541
TOTAL %	51.27	2.09	0.02	2.38	0.99	0.07	40.26	2.72	0.00	0.15	100.00

NUMBER OF UNITS

ECAR	8	0	0	0	0	0	1	0	0	0	9
ERCOT	2	0	0	0	0	0	0	0	0	0	2
MAAC	0	0	0	0	0	0	2	0	0	0	2
MAIN	1	6	0	0	0	0	0	0	0	0	7
MARCA	5	1	1	0	0	0	0	0	0	0	7
NPCC	2	0	0	0	0	0	1	1	0	0	4
SERC	5	1	0	0	0	0	5	7	0	0	18
SWPP	4	2	0	0	0	0	2	0	0	0	8
WSCC	8	3	0	2	4	1	1	6	0	1	26
TOTAL NO	35	13	1	2	4	1	12	14	0	1	83
TOTAL %	42.16	15.66	1.20	2.40	4.81	1.20	14.45	16.86	0.00	1.20	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H.
Upratings are shown in Table 2, deratings in Table 4.

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987

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1984

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GED- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL ADDITIONS
MEGAWATTS ^{1/}											
ECAR	4,456	565	0	0	0	0	1,774	0	0	0	6,795
ERCOT	1,597	0	0	0	0	0	0	0	0	0	1,597
MAAC	1,235	0	0	0	0	0	1,067	0	0	0	2,302
MAIN	520	50	0	0	0	0	0	0	0	0	570
MARCA	1,400	0	0	0	0	0	0	0	0	0	1,400
NPCC	700	94	0	157	0	0	1,150	2	0	0	2,103
SERC	1,040	621	0	0	0	0	6,656	155	0	0	8,472
SWPP	1,860	0	0	0	0	0	2,400	0	0	0	4,260
WSCC	720	0	0	0	275	0	4,734	88	0	50	5,867
TOTAL MW	13,528	1,330	0	157	275	0	17,781	245	0	50	33,366
TOTAL %	40.54	3.98	0.00	0.47	0.82	0.00	53.29	0.73	0.00	0.14	100.00

NUMBER OF UNITS

ECAR	6	11	0	0	0	0	2	0	0	0	19
ERCOT	4	0	0	0	0	0	0	0	0	0	4
MAAC	2	0	0	0	0	0	1	0	0	0	3
MAIN	3	1	0	0	0	0	0	0	0	0	4
MARCA	2	0	0	0	0	0	0	0	0	0	2
NPCC	1	2	0	1	0	0	1	1	0	0	6
SERC	2	11	0	0	0	0	6	3	0	0	22
SWPP	3	0	0	0	0	0	2	0	0	0	5
WSCC	2	0	0	0	3	0	4	3	0	1	13
TOTAL NO	25	25	0	1	3	0	16	7	0	1	78
TOTAL %	32.05	32.05	0.00	1.28	3.84	0.00	20.51	8.97	0.00	1.28	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

PROPOSED GENERATING CAPACITY ADDITIONS
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1985

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEN- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL ADDITIONS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS ^{1/}											

ECAR	5,050	150	0	0	0	0	904	0	0	0	6,104
ERCOT	750	0	0	0	0	0	1,130	0	0	0	1,880
MAAC	800	0	0	0	0	0	1,055	188	0	100	2,143
MAIN	515	225	0	0	0	0	0	0	0	400	1,140
MARCA	0	0	0	0	0	0	1,100	0	0	0	1,100
NPCC	0	0	3	0	0	0	1,180	73	0	0	1,256
SERC	5,150	50	0	0	0	0	4,948	67	0	0	10,215
SWPP	3,598	90	0	0	0	0	0	0	0	0	3,688
WSCC	2,492	540 ^{2/}	0	776 ^{2/}	0	0	2,495	190	300	50	6,843
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	18,355	1,055	3	776	0	0	12,812	518	300	550	34,369
TOTAL %	53.40	3.06	0.00	2.25	0.00	0.00	37.27	1.50	0.87	1.60	100.00

NUMBER OF UNITS

ECAR	10	3	0	0	0	0	1	0	0	0	14
ERCOT	1	0	0	0	0	0	1	0	0	0	2
MAAC	1	0	0	0	0	0	1	1	0	1	4
MAIN	3	5	0	0	0	0	0	0	0	1	9
MARCA	0	0	0	0	0	0	1	0	0	0	1
NPCC	0	0	1	0	0	0	1	3	0	0	5
SERC	10	1	0	0	0	0	4	2	0	0	17
SWPP	7	1	0	0	0	0	0	0	0	0	8
WSCC	5	9 ^{2/}	0	2 ^{2/}	0	0	2	4	1	1	25
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	38	19	1	2	0	0	11	10	1	3	85
TOTAL %	44.70	22.35	1.17	2.35	0.00	0.00	12.94	11.76	1.17	3.52	100.00

^{1/} Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

^{2/} Includes 9 Lucerne Valley combustion turbines totalling 540 Mw which are to be converted to combined cycle operation in 1986 (300 Mw) and 1987 (240 Mw).

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COUNCIL	1986										TOTAL ADDITIONS
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	
	MEGAWATTS ^{1/}										^{2/}
	-----										-----
ECAR	1,950	0	0	0	0	0	1,248	0	500	0	3,698
ERCOT	1,700	0	0	0	0	0	0	0	0	0	1,700
MAAC	625	0	25	0	0	0	1,067	0	0	0	1,717
MAIN	1,480	445	0	0	0	0	0	0	0	0	1,925
MARCA	120	0	8	0	0	0	0	0	0	0	128
NPCC	568	0	0	0	0	0	4,650	76	0	0	5,294
SERC	1,841	150	0	0	0	0	2,185	0	0	0	4,176
SWPP	4,227	171	0	0	0	0	2,090	0	0	0	6,488
WSCC	3,570	180 ^{3/}	0	430 ^{4/}	260	52	3,504	300	0	50	8,346
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	16,081	946	33	430	260	52	14,744	376	500	50	33,472
TOTAL %	48.04	2.82	0.09	1.28	0.77	0.15	44.04	1.12	1.49	0.14	100.00

COUNCIL	NUMBER OF UNITS										TOTAL
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	
	-----										-----
ECAR	3	0	0	0	0	0	1	0	2	0	6
ERCOT	3	0	0	0	0	0	0	0	0	0	3
MAAC	1	0	4	0	0	0	1	0	0	0	6
MAIN	4	8	0	0	0	0	0	0	0	0	12
MARCA	1	0	1	0	0	0	0	0	0	0	2
NPCC	1	0	0	0	0	0	4	4	0	0	9
SERC	3	3	0	0	0	0	2	0	0	0	8
SWPP	9	2	0	0	0	0	2	0	0	0	13
WSCC	7	3 ^{3/}	0	2 ^{4/}	4	2	3	1	0	1	23
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	32	16	5	2	4	2	13	5	2	1	62
TOTAL %	39.02	19.51	6.09	2.43	4.87	2.43	15.85	6.09	2.43	1.21	100.00

^{1/} Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Up ratings are shown in Table 2, deratings in Table 4.

^{2/} Does not include one 4 Mw Windmill unit in WSCC.

^{3/} Includes three Lucerne Valley Combustion turbines totalling 180 Mw, which are to be converted to combined cycle operation in 1987.

^{4/} Includes five Lucerne Valley combustion turbines totalling 300 Mw installed in 1985 for conversion to combined cycle operation in 1986.

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(INCLUDES ONLY CONTIGUOUS U.S.)

1987

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL ADDITIONS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	MEGAWATTS ^{1/}										

ECAR	3,650	0	0	0	0	0	2,112	0	500	1,130	7,392
ERCOT	1,623	0	0	0	0	0	0	0	0	0	1,623
MAAC	700	0	0	0	0	0	0	0	0	0	700
MAIN	2,360	50	0	0	0	0	3,150	0	0	0	5,560
MARCA	1,600	10	0	0	0	0	0	0	0	0	1,610
NPCC	850	61	0	0	0	0	0	91	0	0	1,002
SERC	4,689	100	0	0	0	0	1,280	0	0	200	6,269
SWPP	2,347	0	0	0	0	0	0	0	0	0	2,347
WSCC	2,000	735 ^{3/}	0	860 ^{3/}	0	52	1,255	0	0	80	4,982
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	19,819	956	0	860	0	52	7,797	91	500	1,410	31,485
TOTAL %	62.94	3.03	0.00	2.73	0.00	0.16	24.76	0.28	1.58	4.47	100.00

NUMBER OF UNITS

ECAR	6	0	0	0	0	0	2	0	2	1	11
ERCOT	3	0	0	0	0	0	0	0	0	0	3
MAAC	2	0	0	0	0	0	0	0	0	0	2
MAIN	5	1	0	0	0	0	3	0	0	0	9
MARCA	2	1	0	0	0	0	0	0	0	0	3
NPCC	1	1	0	0	0	0	0	2	0	0	4
SERC	7	1	0	0	0	0	1	0	0	1	10
SWPP	4	0	0	0	0	0	0	0	0	0	4
WSCC	4	14 ^{3/}	0	3 ^{3/}	0	2	1	0	0	2	26
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	34	18	0	3	0	2	7	2	2	4	72
TOTAL %	47.22	25.00	0.00	4.16	0.00	2.77	9.72	2.77	2.77	5.55	100.00

1/ Includes only the capability assigned to a unit when it first goes into service, as shown in Table H. Upratings are shown in Table 2, deratings in Table 4.

2/ Does not include one 6 Mw Windmill unit in WSCC.

3/ Includes four Lucerne Valley combustion turbines totalling 240 Mw installed in 1985 for conversion to combined cycle operation in 1987 and three Lucerne Valley combustion turbines totalling 180 Mw installed in 1986 for conversion to combined cycle operation in 1987.

PROPOSED GENERATING CAPACITY UPDATINGS
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TABLE 2
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1978 - 1987

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPDATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS -----											
ECAR	537	0	0	0	0	0	1,261	0	0	0	1,798
ERCOT	1,173	0	0	0	0	0	0	0	0	0	1,173
MAAC	689	0	0	0	0	0	0	0	0	0	689
MAIN	324	0	0	0	0	0	475	0	0	0	799
MARCA	10	0	0	0	0	0	0	0	0	0	10
NPCC	475	175	0	0	0	0	372	0	0	0	1,022
SERC	631	0	0	0	0	0	204	0	0	0	835
SWPP	0	25	0	0	0	0	0	0	0	0	25
WSCC	56	0	0	53	0	0	1,910	157	0	0	2,176
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	3,895	200	0	53	0	0	4,222	157	0	0	8,527
TOTAL %	45.67	2.34	0.00	0.62	0.00	0.00	49.51	1.84	0.00	0.00	100.00

NUMBER OF UPDATINGS

ECAR	6	0	0	0	0	0	7	0	0	0	13
ERCOT	2	0	0	0	0	0	0	0	0	0	2
MAAC	4	0	0	0	0	0	0	0	0	0	4
MAIN	3	0	0	0	0	0	1	0	0	0	4
MARCA	2	0	0	0	0	0	0	0	0	0	2
NPCC	11	6	0	0	0	0	8	0	0	0	25
SERC	8	0	0	0	0	0	6	0	0	0	14
SWPP	0	2	0	0	0	0	0	0	0	0	2
WSCC	1	0	0	7	0	0	6	11	0	0	25
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	37	8	0	7	0	0	28	11	0	0	91
TOTAL %	40.65	8.79	0.00	7.69	0.00	0.00	30.76	12.08	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
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COUNCIL	1978										TOTAL UPRATINGS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO-THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
MEGAWATTS												
ECAR	344	0	0	0	0	0	546	0	0	0	0	890
ERCOT	0	0	0	0	0	0	0	0	0	0	0	0
MAAC	350	0	0	0	0	0	0	0	0	0	0	350
MAIN	0	0	0	0	0	0	0	0	0	0	0	0
MARCA	10	0	0	0	0	0	0	0	0	0	0	10
NPCC	245	46	0	0	0	0	279	0	0	0	0	570
SERC	131	0	0	0	0	0	0	0	0	0	0	131
SWPP	0	5	0	0	0	0	0	0	0	0	0	5
WSCC	0	0	0	53	0	0	0	67	0	0	0	120
TOTAL MW	1,080	51	0	53	0	0	825	67	0	0	0	2,076
TOTAL %	52.02	2.45	0.00	2.55	0.00	0.00	39.73	3.22	0.00	0.00	0.00	100.00

COUNCIL	NUMBER OF UPRATINGS										TOTAL UPRATINGS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO-THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
ECAR	4	0	0	0	0	0	3	0	0	0	0	7
ERCOT	0	0	0	0	0	0	0	0	0	0	0	0
MAAC	1	0	0	0	0	0	0	0	0	0	0	1
MAIN	0	0	0	0	0	0	0	0	0	0	0	0
MARCA	2	0	0	0	0	0	0	0	0	0	0	2
NPCC	3	2	0	0	0	0	5	0	0	0	0	10
SERC	4	0	0	0	0	0	0	0	0	0	0	4
SWPP	0	1	0	0	0	0	0	0	0	0	0	1
WSCC	0	0	0	7	0	0	0	4	0	0	0	11
TOTAL NO	14	3	0	7	0	0	8	4	0	0	0	36
TOTAL %	38.88	8.33	0.00	19.44	0.00	0.00	22.22	11.11	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
FOR THE PERIOD 1978 THRU 1987

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1979

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	0	0	0	0	0	0	20	0	0	0	20
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	200	0	0	0	0	0	0	0	0	0	200
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	180	36	0	0	0	0	16	0	0	0	232
SERC	457	0	0	0	0	0	36	0	0	0	493
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	56	0	0	0	0	0	40	11	0	0	107
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	893	36	0	0	0	0	112	11	0	0	1,052
TOTAL %	84.88	3.42	0.00	0.00	0.00	0.00	10.64	1.04	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	0	0	0	0	0	0	1	0	0	0	1
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	1	0	0	0	0	0	0	0	0	0	1
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	6	2	0	0	0	0	1	0	0	0	9
SERC	3	0	0	0	0	0	1	0	0	0	4
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	1	0	0	0	0	0	1	3	0	0	5
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	11	2	0	0	0	0	4	3	0	0	20
TOTAL %	55.00	10.00	0.00	0.00	0.00	0.00	20.00	15.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
FOR THE PERIOD 1978 THRU 1987

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1980

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
MEGAWATTS											
ECAR	0	0	0	0	0	0	30	0	0	0	30
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	124	0	0	0	0	0	0	0	0	0	124
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	50	93	0	0	0	0	77	0	0	0	220
SERC	43	0	0	0	0	0	36	0	0	0	79
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	40	79	0	0	119
TOTAL MW	217	93	0	0	0	0	183	79	0	0	572
TOTAL %	37.93	16.25	0.00	0.00	0.00	0.00	31.99	13.61	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	0	0	0	0	0	0	1	0	0	0	1
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	2	0	0	0	0	0	0	0	0	0	2
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	2	2	0	0	0	0	2	0	0	0	6
SERC	1	0	0	0	0	0	1	0	0	0	2
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	1	4	0	0	5
TOTAL NO	5	2	0	0	0	0	5	4	0	0	16
TOTAL %	31.25	12.50	0.00	0.00	0.00	0.00	31.25	25.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
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(INCLUDES ONLY CONTIGUOUS U.S.)

1981

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	140	0	0	0	0	0	0	0	0	0	140
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	35	0	0	0	35
SWPP	0	20	0	0	0	0	0	0	0	0	20
WSCC	0	0	0	0	0	0	880	0	0	0	880
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	140	20	0	0	0	0	915	0	0	0	1,075
TOTAL %	13.02	1.86	0.00	0.00	0.00	0.00	85.11	0.00	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	1	0	0	0	0	0	0	0	0	0	1
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	1	0	0	0	1
SWPP	0	1	0	0	0	0	0	0	0	0	1
WSCC	0	0	0	0	0	0	1	0	0	0	1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	1	1	0	0	0	0	2	0	0	0	4
TOTAL %	25.00	25.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
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COUNCIL	1982										TOTAL UPRATINGS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
MEGAWATTS												
ECAR	0	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0	0
MAAC	120	0	0	0	0	0	0	0	0	0	0	120
MAIN	0	0	0	0	0	0	475	0	0	0	0	475
MARCA	0	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0	0
SWPP	0	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	70	0	0	0	0	70
TOTAL MW	120	0	0	0	0	0	545	0	0	0	0	665
TOTAL %	18.04	0.00	0.00	0.00	0.00	0.00	81.95	0.00	0.00	0.00	0.00	100.00

COUNCIL	NUMBER OF UPRATINGS										TOTAL UPRATINGS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
NUMBER OF UPRATINGS												
ECAR	0	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0	0
MAAC	1	0	0	0	0	0	0	0	0	0	0	1
MAIN	0	0	0	0	0	0	1	0	0	0	0	1
MARCA	0	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0	0
SWPP	0	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	2	0	0	0	0	2
TOTAL NO	1	0	0	0	0	0	3	0	0	0	0	4
TOTAL %	25.00	0.00	0.00	0.00	0.00	0.00	75.00	0.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
FOR THE PERIOD 1978 THRU 1987

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1983

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GED= THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
MEGAWATTS											
ECAR	0	0	0	0	0	0	635	0	0	0	635
ERCOT	460	0	0	0	0	0	0	0	0	0	460
MAAC	219	0	0	0	0	0	0	0	0	0	219
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	880	0	0	0	880
TOTAL MW	679	0	0	0	0	0	1,515	0	0	0	2,194
TOTAL %	30.94	0.00	0.00	0.00	0.00	0.00	69.05	0.00	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	0	0	0	0	0	0	1	0	0	0	1
ERCOT	1	0	0	0	0	0	0	0	0	0	1
MAAC	2	0	0	0	0	0	0	0	0	0	2
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	1	0	0	0	1
TOTAL NO	3	0	0	0	0	0	2	0	0	0	5
TOTAL %	60.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
FOR THE PERIOD 1976 THRU 1987

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1984

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	0	0	0	0	0	0	30	0	0	0	30
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	35	0	0	0	35
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	0	0	0	0	0	0	65	0	0	0	65
TOTAL %	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	0	0	0	0	0	0	1	0	0	0	1
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	1	0	0	0	1
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	0	0	0	0	0	0	2	0	0	0	2
TOTAL %	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
FOR THE PERIOD 1978 THRU 1987

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1985

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRD	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	713	0	0	0	0	0	0	0	0	0	713
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	31	0	0	0	31
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	713	0	0	0	0	0	31	0	0	0	744
TOTAL %	95.83	0.00	0.00	0.00	0.00	0.00	4.16	0.00	0.00	0.00	100.00

NUMBER OF UPRATINGS

ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	1	0	0	0	0	0	0	0	0	0	1
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	1	0	0	0	1
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	1	0	0	0	0	0	1	0	0	0	2
TOTAL %	50.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY UPRATINGS
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1986

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL UPRATINGS
MEGAWATTS											
ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	31	0	0	0	31
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
TOTAL MW	0	0	0	0	0	0	31	0	0	0	31
TOTAL %	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00

NUMBER OF UPRATINGS											
ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	1	0	0	0	1
SWPP	0	0	0	0	0	0	0	0	0	0	0
WSCC	0	0	0	0	0	0	0	0	0	0	0
TOTAL NO	0	0	0	0	0	0	1	0	0	0	1
TOTAL %	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY RETIREMENTS
FOR THE PERIOD 1978 THRU 1987

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COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL RETIREMENTS
ECAR	386	0	2	0	0	0	0	0	0	0	388
ERCOT	2,100	0	0	0	0	0	0	0	0	0	2,100
MAAC	1,120	226	9	0	0	0	0	0	0	0	1,355
MAIN	1,006	0	0	0	0	0	0	0	0	0	1,006
MARCA	617	0	36	0	0	0	0	0	0	0	653
NPCC	765	11	0	0	0	0	0	0	0	0	776
SERC	1,591	505	0	69	0	0	0	0	0	0	2,165
SWPP	1,437	6	20	0	0	0	0	0	0	0	1,463
WSCC	367	720 ^{1/}	0	0	0	0	0	27	0	0	1,114
TOTAL MW	9,389	1,469	67	69	0	0	0	27	0	0	11,020
TOTAL %	85.19	13.32	0.60	0.62	0.00	0.00	0.00	0.24	0.00	0.00	100.00
NUMBER OF UNITS											
ECAR	10	0	2	0	0	0	0	0	0	0	12
ERCOT	45	0	0	0	0	0	0	0	0	0	45
MAAC	17	16	4	0	0	0	0	0	0	0	37
MAIN	14	0	0	0	0	0	0	0	0	0	14
MARCA	41	0	31	0	0	0	0	0	0	0	72
NPCC	15	2	0	0	0	0	0	0	0	0	17
SERC	40	19	0	2	0	0	0	0	0	0	61
SWPP	47	1	7	0	0	0	0	0	0	0	55
WSCC	21	12 ^{1/}	0	0	0	0	0	5	0	0	38
TOTAL NO	250	50	44	2	0	0	0	5	0	0	351
TOTAL %	71.22	14.24	12.53	0.56	0.00	0.00	0.00	1.42	0.00	0.00	100.00

^{1/} This capacity is not actually to be retired but is to be converted to combined cycle operation in 1986 and 1987.

PROPOSED GENERATING CAPACITY RETIREMENTS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1978										TOTAL RETIREMENTS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		

MEGAWATTS												

ECAR	15	0	0	0	0	0	0	0	0	0	0	15
ERCOT	84	0	0	0	0	0	0	0	0	0	0	84
MAAC	0	0	7	0	0	0	0	0	0	0	0	7
MAIN	612	0	0	0	0	0	0	0	0	0	0	612
MARCA	49	0	3	0	0	0	0	0	0	0	0	52
NPCC	52	0	0	0	0	0	0	0	0	0	0	52
SERC	0	0	0	0	0	0	0	0	0	0	0	0
SWPP	30	0	0	0	0	0	0	0	0	0	0	30
WSCC	39	0	0	0	0	0	0	27	0	0	0	66
TOTAL MW	881	0	10	0	0	0	0	27	0	0	0	918
TOTAL %	95.96	0.00	1.08	0.00	0.00	0.00	0.00	2.94	0.00	0.00	0.00	100.00

NUMBER OF UNITS												

ECAR	2	0	0	0	0	0	0	0	0	0	0	2
ERCOT	4	0	0	0	0	0	0	0	0	0	0	4
MAAC	0	0	2	0	0	0	0	0	0	0	0	2
MAIN	6	0	0	0	0	0	0	0	0	0	0	6
MARCA	5	0	2	0	0	0	0	0	0	0	0	7
NPCC	4	0	0	0	0	0	0	0	0	0	0	4
SERC	0	0	0	0	0	0	0	0	0	0	0	0
SWPP	1	0	0	0	0	0	0	0	0	0	0	1
WSCC	6	0	0	0	0	0	0	5	0	0	0	11
TOTAL NO	28	0	4	0	0	0	0	5	0	0	0	37
TOTAL %	75.67	0.00	10.81	0.00	0.00	0.00	0.00	13.51	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY RETIREMENTS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
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(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1986										TOTAL RETIREMENTS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEN- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		

MEGAWATTS												

ECAR	0	0	0	0	0	0	0	0	0	0	0	0
ERCOT	288	0	0	0	0	0	0	0	0	0	0	288
MAAC	70	0	0	0	0	0	0	0	0	0	0	70
MAIN	0	0	0	0	0	0	0	0	0	0	0	0
MARCA	48	0	7	0	0	0	0	0	0	0	0	55
NPCC	353	0	0	0	0	0	0	0	0	0	0	353
SERC	348	93	0	0	0	0	0	0	0	0	0	441
SWPP	198	0	4	0	0	0	0	0	0	0	0	202
WSCC	11	300 ^{1/}	0	0	0	0	0	0	0	0	0	311
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	1,316	393	11	0	0	0	0	0	0	0	0	1,720
TOTAL %	76.51	22.84	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

NUMBER OF UNITS												

ECAR	0	0	0	0	0	0	0	0	0	0	0	0
ERCOT	4	0	0	0	0	0	0	0	0	0	0	4
MAAC	1	0	0	0	0	0	0	0	0	0	0	1
MAIN	0	0	0	0	0	0	0	0	0	0	0	0
MARCA	8	0	6	0	0	0	0	0	0	0	0	14
NPCC	2	0	0	0	0	0	0	0	0	0	0	2
SERC	10	3	0	0	0	0	0	0	0	0	0	13
SWPP	10	0	1	0	0	0	0	0	0	0	0	11
WSCC	2	5 ^{1/}	0	0	0	0	0	0	0	0	0	7
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	37	8	7	0	0	0	0	0	0	0	0	52
TOTAL %	71.15	15.38	13.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

^{1/} This capacity is not to be actually retired but is to be converted to combined cycle operation in this year.

PROPOSED GENERATING CAPACITY RETIREMENTS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

COUNCIL	1987										TOTAL RETIREMENTS	
	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GED- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED		
MEGAWATTS												
ECAR	114	0	0	0	0	0	0	0	0	0	0	114
ERCOT	251	0	0	0	0	0	0	0	0	0	0	251
MAAC	180	226	1	0	0	0	0	0	0	0	0	407
MAIN	56	0	0	0	0	0	0	0	0	0	0	56
MARCA	144	0	0	0	0	0	0	0	0	0	0	144
NPCC	253	0	0	0	0	0	0	0	0	0	0	253
SERC	58	50	0	0	0	0	0	0	0	0	0	108
SWPP	229	0	0	0	0	0	0	0	0	0	0	229
WSCC	45	420 ^{1/2}	0	0	0	0	0	0	0	0	0	465
TOTAL MW	1,330	696	1	0	0	0	0	0	0	0	0	2,027
TOTAL %	65.61	34.33	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
NUMBER OF UNITS												
ECAR	2	0	0	0	0	0	0	0	0	0	0	2
ERCOT	3	0	0	0	0	0	0	0	0	0	0	3
MAAC	5	16	1	0	0	0	0	0	0	0	0	22
MAIN	2	0	0	0	0	0	0	0	0	0	0	2
MARCA	4	0	0	0	0	0	0	0	0	0	0	4
NPCC	4	0	0	0	0	0	0	0	0	0	0	4
SERC	1	2	0	0	0	0	0	0	0	0	0	3
SWPP	3	0	0	0	0	0	0	0	0	0	0	3
WSCC	1	7 ^{1/2}	0	0	0	0	0	0	0	0	0	8
TOTAL NO	25	25	1	0	0	0	0	0	0	0	0	51
TOTAL %	49.01	49.01	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

^{1/2} This capacity is not to be actually retired but is to be converted to combined cycle operation in this year.

PROPOSED GENERATING CAPACITY DERATINGS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
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(INCLUDES ONLY CONTIGUOUS U.S.)

1978 - 1987

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEN= THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRD	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL DERATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	1,074	0	0	0	0	0	635	0	0	0	1,709
ERCOT	1,815	0	0	0	0	0	0	0	0	0	1,815
MAAC	520	104	2	0	0	0	0	0	0	0	626
MAIN	30	0	0	0	0	0	0	0	0	0	30
MARCA	12	0	0	0	0	0	4	0	0	0	16
NPCC	405	0	18	0	0	0	0	0	0	0	423
SERC	383	131	0	0	0	0	0	0	0	0	514
SWPP	255	0	0	0	0	0	0	0	0	0	255
WSCC	80	0	0	0	0	0	0	40	0	0	120
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	4,574	235	20	0	0	0	639	40	0	0	5,508
TOTAL %	83.04	4.26	0.36	0.00	0.00	0.00	11.60	0.72	0.00	0.00	100.00

NUMBER OR DERATINGS

ECAR	30	0	0	0	0	0	1	0	0	0	31
ERCOT	3	0	0	0	0	0	0	0	0	0	3
MAAC	20	1	2	0	0	0	0	0	0	0	23
MAIN	2	0	0	0	0	0	0	0	0	0	2
MARCA	6	0	0	0	0	0	1	0	0	0	7
NPCC	7	0	1	0	0	0	0	0	0	0	8
SERC	1	10	0	0	0	0	0	0	0	0	11
SWPP	24	0	0	0	0	0	0	0	0	0	24
WSCC	5	0	0	0	0	0	0	4	0	0	9
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	98	11	3	0	0	0	2	4	0	0	118
TOTAL %	83.05	9.32	2.54	0.00	0.00	0.00	1.69	3.38	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY DERATINGS
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1979

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL DERATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	61	0	0	0	0	0	0	0	0	0	61
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	134	0	0	0	0	0	0	0	0	0	134
MAIN	18	0	0	0	0	0	0	0	0	0	18
MARCA	3	0	0	0	0	0	4	0	0	0	7
NPCC	79	0	0	0	0	0	0	0	0	0	79
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	5	0	0	0	0	0	0	0	0	0	5
WSCC	0	0	0	0	0	0	0	0	0	0	0
TOTAL MW	300	0	0	0	0	0	4	0	0	0	304
TOTAL %	98.68	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0.00	100.00

NUMBER OR DERATINGS

ECAR	3	0	0	0	0	0	0	0	0	0	3
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	5	0	0	0	0	0	0	0	0	0	5
MAIN	1	0	0	0	0	0	0	0	0	0	1
MARCA	3	0	0	0	0	0	1	0	0	0	4
NPCC	2	0	0	0	0	0	0	0	0	0	2
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	2	0	0	0	0	0	0	0	0	0	2
WSCC	0	0	0	0	0	0	0	0	0	0	0
TOTAL NO	16	0	0	0	0	0	1	0	0	0	17
TOTAL %	94.11	0.00	0.00	0.00	0.00	0.00	5.88	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY DERATINGS
FOR THE PERIOD 1978 THRU 1987

AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

1980

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEN- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL DERATINGS
	MEGAWATTS										
ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	44	0	0	0	0	0	0	0	0	0	44
SERC	0	131	0	0	0	0	0	0	0	0	131
SWPP	11	0	0	0	0	0	0	0	0	0	11
WSCC	0	0	0	0	0	0	0	2	0	0	2
TOTAL MW	55	131	0	0	0	0	0	2	0	0	188
TOTAL %	29.25	69.68	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00	100.00

NUMBER OF DERATINGS

ECAR	0	0	0	0	0	0	0	0	0	0	0
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	0	0	0	0	0	0	0	0	0	0	0
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	1	0	0	0	0	0	0	0	0	0	1
SERC	0	10	0	0	0	0	0	0	0	0	10
SWPP	5	0	0	0	0	0	0	0	0	0	5
WSCC	0	0	0	0	0	0	0	1	0	0	1
TOTAL NO	6	10	0	0	0	0	0	1	0	0	17
TOTAL %	35.29	58.82	0.00	0.00	0.00	0.00	0.00	5.88	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY DERATINGS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

1981

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEO- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRU	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL DERATINGS
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS											

ECAR	194	0	0	0	0	0	635	0	0	0	829
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	17	0	0	0	0	0	0	0	0	0	17
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	18	0	0	0	0	0	0	0	18
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	44	0	0	0	0	0	0	0	0	0	44
WSCC	18	0	0	0	0	0	0	0	0	0	18
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL MW	273	0	18	0	0	0	635	0	0	0	926
TOTAL %	29.48	0.00	1.94	0.00	0.00	0.00	68.57	0.00	0.00	0.00	100.00

NUMBER OF DERATINGS

ECAR	13	0	0	0	0	0	1	0	0	0	14
ERCOT	0	0	0	0	0	0	0	0	0	0	0
MAAC	3	0	0	0	0	0	0	0	0	0	3
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	0	0	0	0	0	0	0	0	0	0	0
NPCC	0	0	1	0	0	0	0	0	0	0	1
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	6	0	0	0	0	0	0	0	0	0	6
WSCC	1	0	0	0	0	0	0	0	0	0	1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL NO	23	0	1	0	0	0	1	0	0	0	25
TOTAL %	92.00	0.00	4.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY DERATINGS
FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

1982

COUNCIL	FOSSIL STEAM	COMBUSTION TURBINE	DIESEL	COMBINED CYCLE	GEN- THERMAL	FUEL CELLS	NUCLEAR STEAM	HYDRO	PUMPED STORAGE	TYPE NOT REPORTED	TOTAL DERATINGS
MEGAWATTS											
ECAR	13	0	0	0	0	0	0	0	0	0	13
ERCOT	500	0	0	0	0	0	0	0	0	0	500
MAAC	14	0	0	0	0	0	0	0	0	0	14
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	1	0	0	0	0	0	0	0	0	0	1
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	45	0	0	0	0	0	0	0	0	0	45
WSCC	15	0	0	0	0	0	0	38	0	0	53
TOTAL MW	588	0	0	0	0	0	0	38	0	0	626
TOTAL %	93.92	0.00	0.00	0.00	0.00	0.00	0.00	6.07	0.00	0.00	100.00

NUMBER OF DERATINGS

ECAR	1	0	0	0	0	0	0	0	0	0	1
ERCOT	1	0	0	0	0	0	0	0	0	0	1
MAAC	4	0	0	0	0	0	0	0	0	0	4
MAIN	0	0	0	0	0	0	0	0	0	0	0
MARCA	1	0	0	0	0	0	0	0	0	0	1
NPCC	0	0	0	0	0	0	0	0	0	0	0
SERC	0	0	0	0	0	0	0	0	0	0	0
SWPP	1	0	0	0	0	0	0	0	0	0	1
WSCC	1	0	0	0	0	0	0	3	0	0	4
TOTAL NO	9	0	0	0	0	0	0	3	0	0	12
TOTAL %	75.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	100.00

PROPOSED GENERATING CAPACITY ADDITIONS
FOR THE PERIOD 1978 THRU 1987
AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
TO THE DEPARTMENT OF ENERGY

(INCLUDES ONLY CONTIGUOUS U.S.)

1978 - 1987

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT

MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	30,456	0	805	838	0	0	0	450	32,549	36,417	89.30
ERCOT	13,992	0	0	0	0	0	0	0	13,992	14,510	96.43
MAAC	3,150	0	51	726	0	0	0	0	3,927	5,147	76.30
MAIN	8,262	0	2,257	1,525	0	0	0	1,650	13,694	13,694	100.00
MARCA	12,110	0	580	0	0	0	0	0	12,690	12,780	99.30
NPCC	2,268	0	430	1,620	0	0	0	75	4,393	5,357	82.00
SERC	23,883	20	2,114	2,393	10	0	0	0	28,420	28,815	98.63
SWPP	25,674	0	684	0	0	0	0	0	26,358	28,318	93.08
WSCC	20,369	0	3,974	292	997	0	0	150	25,782	26,725	96.47
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	140,164	20	10,895	7,394	1,007	0	0	2,325	161,805	171,763	94.20

MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	3,785	12	71	0	0	0	0	0	3,868	36,417	10.62
ERCOT	418	100	0	0	0	0	0	0	518	14,510	3.57
MAAC	0	0	0	1,220	0	0	0	0	1,220	5,147	23.70
MAIN	0	0	0	0	0	0	0	0	0	13,694	0.00
MARCA	14	30	46	0	0	0	0	0	90	12,780	0.70
NPCC	700 (a)	0	0	0	0	107	0	157	964	5,357	18.00
SERC	395	0	0	0	0	0	0	0	395	28,815	1.37
SWPP	1,430	50	0	480	0	0	0	0	1,960	28,318	6.92
WSCC	0	280	453	210	0	0	0	0	943	26,725	3.53
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	6,742	472	570	1,910	0	107	0	157	9,958	171,763	5.80
TOTAL MW	146,906	492	11,465	9,304	1,007	107	0	2,482	171,763		
TOTAL %	85.53	0.29	6.67	5.42	0.59	0.06	0.00	1.45	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

(a) Primary fuel for this unit is reported as coal blended with refuse, with oil as an alternate fuel.

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1978 - 1987

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NDT REPORTED	SUBTOTAL	TOTAL (1)	PERCENT
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	51	0	15	2	0	0	0	1	69	80	86.25
ERCOT	25	0	0	0	0	0	0	0	25	27	92.59
MAAC	6	0	7	2	0	0	0	0	15	17	88.24
MAIN	27	0	44	3	0	0	0	3	77	77	100.00
MARCA	25	0	17	0	0	0	0	0	42	51	82.35
NPCC	3	0	4	8	0	0	0	1	16	21	76.19
SERC	44	1	44	6	1	0	0	0	96	98	97.96
SWPP	50	0	9	0	0	0	0	0	59	64	92.19
WSCC	49	0	41	1	5	0	0	3	99	110	90.00
SUBTOTAL	280	1	181	22	6	0	0	8	498	545	91.38

NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY

ECAR	7	2	2	0	0	0	0	0	11	80	13.75
ERCOT	1	1	0	0	0	0	0	0	2	27	7.41
MAAC	0	0	0	2	0	0	0	0	2	17	11.76
MAIN	0	0	0	0	0	0	0	0	0	77	0.00
MARCA	2	4	3	0	0	0	0	0	9	51	17.65
NPCC	1(a)	0	0	0	0	3	0	1	5	21	23.81
SERC	2	0	0	0	0	0	0	0	2	98	2.04
SWPP	3	1	0	1	0	0	0	0	5	64	7.81
WSCC	0	4	5	2	0	0	0	0	11	110	10.00
SUBTOTAL	16	12	10	5	0	3	0	1	47	545	8.62
TOTAL NO	296	13	191	27	6	3	0	9	545		
TOTAL %	54.31	2.39	35.05	4.95	1.10	0.55	0.00	1.65	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

(a) Primary fuel for this unit is reported as coal blended with refuse, with oil as an alternate fuel.

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COUNCIL	1978								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	1,950	0	0	58	0	0	0	0	2,008	2,008	100.00
ERCOT	1,500	0	0	0	0	0	0	0	1,500	2,018	74.33
MAAC	0	0	13	126	0	0	0	0	139	139	100.00
MAIN	1,397	0	377	1,020	0	0	0	0	2,794	2,794	100.00
MARCA	1,119	0	533	0	0	0	0	0	1,652	1,674	98.69
NPCC	0	0	6	600	0	0	0	0	606	638	94.98
SERC	2,127	20	0	743	10	0	0	0	2,900	2,900	100.00
SWPP	2,555	0	90	0	0	0	0	0	2,645	2,645	100.00
WSCC	1,140	0	239	292	0	0	0	0	1,671	2,139	78.12
SUBTOTAL	11,788	20	1,258	2,839	10	0	0	0	15,915	16,955	93.87
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	0	0	0	0	0	0	0	0	0	2,008	0.00
ERCOT	418	100	0	0	0	0	0	0	518	2,018	25.67
MAAC	0	0	0	0	0	0	0	0	0	139	0.00
MAIN	0	0	0	0	0	0	0	0	0	2,794	0.00
MARCA	0	6	16	0	0	0	0	0	22	1,674	1.31
NPCC	0	0	0	0	0	32	0	0	32	638	5.02
SERC	0	0	0	0	0	0	0	0	0	2,900	0.00
SWPP	0	0	0	0	0	0	0	0	0	2,645	0.00
WSCC	0	0	258	210	0	0	0	0	468	2,139	21.88
SUBTOTAL	418	106	274	210	0	32	0	0	1,040	16,955	6.13
TOTAL MW	12,206	126	1,532	3,049	10	32	0	0	16,955		
TOTAL %	71.99	0.74	9.04	17.98	0.06	0.19	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1978								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	4	0	0	1	0	0	0	0	5	5	100.00
ERCOT	2	0	0	0	0	0	0	0	2	4	50.00
MAAC	0	0	2	1	0	0	0	0	3	3	100.00
MAIN	5	0	7	2	0	0	0	0	14	14	100.00
MARCA	2	0	14	0	0	0	0	0	16	16	88.89
NPCC	0	0	2	1	0	0	0	0	3	5	60.00
SERC	5	1	0	3	1	0	0	0	10	10	100.00
SWPP	5	0	1	0	0	0	0	0	6	6	100.00
WSCC	4	0	6	1	0	0	0	0	11	15	73.33
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	27	1	32	9	1	0	0	0	70	80	87.50
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	0	0	0	0	0	0	0	0	0	5	0.00
ERCOT	1	1	0	0	0	0	0	0	2	4	50.00
MAAC	0	0	0	0	0	0	0	0	0	3	0.00
MAIN	0	0	0	0	0	0	0	0	0	14	0.00
MARCA	0	1	1	0	0	0	0	0	2	18	11.11
NPCC	0	0	0	0	0	2	0	0	2	5	40.00
SERC	0	0	0	0	0	0	0	0	0	10	0.00
SWPP	0	0	0	0	0	0	0	0	0	6	0.00
WSCC	0	0	2	2	0	0	0	0	4	15	26.67
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	1	2	3	2	0	2	0	0	10	80	12.50
TOTAL NO	28	3	35	11	1	2	0	0	80		
TOTAL %	35.00	3.75	43.75	13.75	1.25	2.50	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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1979

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	2,253	0	155	780	0	0	0	0	3,188	3,200	99.63
ERCOT	2,910	0	0	0	0	0	0	0	2,910	2,910	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	80	0	23	505	0	0	0	0	608	608	100.00
MARCA	2,567	0	27	0	0	0	0	0	2,594	2,594	100.00
NPCC	0	0	0	850	0	0	0	0	850	850	100.00
SERC	235	0	0	0	0	0	0	0	235	391	60.10
SWPP	1,085	0	53	0	0	0	0	0	1,138	2,118	53.73
WSCC	2,713	0	37	0	0	0	0	0	2,750	2,912	94.44
SUBTOTAL	11,843	0	245	2,135	0	0	0	0	14,273	15,583	91.59
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	0	6	6	0	0	0	0	0	12	3,200	0.38
ERCOT	0	0	0	0	0	0	0	0	0	2,910	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	608	0.00
MARCA	0	0	0	0	0	0	0	0	0	2,594	0.00
NPCC	0	0	0	0	0	0	0	0	0	850	0.00
SERC	156	0	0	0	0	0	0	0	156	391	39.90
SWPP	450	50	0	480	0	0	0	0	980	2,118	46.27
WSCC	0	140	22	0	0	0	0	0	162	2,912	5.56
SUBTOTAL	606	196	28	480	0	0	0	0	1,310	15,583	8.41
TOTAL MW	12,449	196	323	2,615	0	0	0	0	15,583		
TOTAL %	79.89	1.26	2.07	16.78	0.00	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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COUNCIL	1979								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	5	0	2	1	0	0	0	0	8	10	80.00
ERCOT	5	0	0	0	0	0	0	0	5	5	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	1	0	1	1	0	0	0	0	3	3	100.00
MARCA	5	0	1	0	0	0	0	0	6	6	100.00
NPCC	0	0	0	1	0	0	0	0	1	1	100.00
SERC	1	0	0	0	0	0	0	0	1	2	50.00
SWPP	3	0	1	0	0	0	0	0	4	7	57.14
WSCC	8	0	2	0	0	0	0	0	10	13	76.92
SUBTOTAL	28	0	7	3	0	0	0	0	38	47	80.85
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY											
ECAR	0	1	1	0	0	0	0	0	2	10	20.00
ERCOT	0	0	0	0	0	0	0	0	0	5	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	3	0.00
MARCA	0	0	0	0	0	0	0	0	0	6	0.00
NPCC	0	0	0	0	0	0	0	0	0	1	0.00
SERC	1	0	0	0	0	0	0	0	1	2	50.00
SWPP	1	1	0	1	0	0	0	0	3	7	42.86
WSCC	0	2	1	0	0	0	0	0	3	13	23.08
SUBTOTAL	2	4	2	1	0	0	0	0	9	47	19.15
TOTAL NO	30	4	9	4	0	0	0	0	47		
TOTAL %	63.63	8.51	19.15	8.51	0.00	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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1980

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT
----- MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	4,821	0	0	0	0	0	0	0	4,821	4,821	100.00
ERCOT	1,120	0	0	0	0	0	0	0	1,120	1,120	100.00
MAAC	400	0	0	0	0	0	0	0	400	400	100.00
MAIN	580	0	146	0	0	0	0	0	726	726	100.00
MARCA	1,675	0	0	0	0	0	0	0	1,675	1,708	98.07
NPCC	0	0	0	6	0	0	0	0	6	6	100.00
SERC	1,000	0	450	775	0	0	0	0	2,225	2,225	100.00
SWPP	4,145	0	90	0	0	0	0	0	4,235	4,685	90.39
WSCC	2,597	0	20	0	0	0	0	0	2,617	2,860	91.50
SUBTOTAL	16,338	0	706	781	0	0	0	0	17,825	18,551	96.09
----- MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	0	0	0	0	0	0	0	0	0	4,821	0.00
ERCOT	0	0	0	0	0	0	0	0	0	1,120	0.00
MAAC	0	0	0	0	0	0	0	0	0	400	0.00
MAIN	0	0	0	0	0	0	0	0	0	726	0.00
MARCA	0	8	25	0	0	0	0	0	33	1,708	1.93
NPCC	0	0	0	0	0	0	0	0	0	6	0.00
SERC	0	0	0	0	0	0	0	0	0	2,225	0.00
SWPP	450	0	0	0	0	0	0	0	450	4,685	9.61
WSCC	0	70	173	0	0	0	0	0	243	2,860	8.50
SUBTOTAL	450	78	198	0	0	0	0	0	726	18,551	3.91
TOTAL MW	16,788	78	904	781	0	0	0	0	18,551		
TOTAL %	90.50	0.42	4.87	4.21	0.00	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1980								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	7	0	0	0	0	0	0	0	7	7	100.00
ERCOT	2	0	0	0	0	0	0	0	2	2	100.00
MAAC	1	0	0	0	0	0	0	0	1	1	100.00
MAIN	1	0	3	0	0	0	0	0	4	4	100.00
MARCA	3	0	0	0	0	0	0	0	3	5	60.00
NPCC	0	0	0	1	0	0	0	0	1	1	100.00
SERC	2	0	9	1	0	0	0	0	12	12	100.00
SWPP	8	0	1	0	0	0	0	0	9	10	90.00
WSCC	6	0	1	0	0	0	0	0	7	10	70.00
SUBTOTAL	30	0	14	2	0	0	0	0	46	52	88.46
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY											
ECAR	0	0	0	0	0	0	0	0	0	7	0.00
ERCOT	0	0	0	0	0	0	0	0	0	2	0.00
MAAC	0	0	0	0	0	0	0	0	0	1	0.00
MAIN	0	0	0	0	0	0	0	0	0	4	0.00
MARCA	0	1	1	0	0	0	0	0	2	5	40.00
NPCC	0	0	0	0	0	0	0	0	0	1	0.00
SERC	0	0	0	0	0	0	0	0	0	12	0.00
SWPP	1	0	0	0	0	0	0	0	1	10	10.00
WSCC	0	1	2	0	0	0	0	0	3	10	30.00
SUBTOTAL	1	2	3	0	0	0	0	0	6	52	11.54
TOTAL NO	31	2	17	2	0	0	0	0	52		
TOTAL %	59.62	3.85	32.69	3.85	0.00	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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COUNCIL	1981								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	2,750	0	0	0	0	0	0	0	2,750	2,770	99.28
ERCOT	545	0	0	0	0	0	0	0	545	545	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	1,180	0	259	0	0	0	0	0	1,439	1,439	100.00
MARCA	1,598	0	0	0	0	0	0	0	1,598	1,598	100.00
NPCC	0	0	300	0	0	0	0	0	300	300	100.00
SERC	2,014	0	718	775	0	0	0	0	3,507	3,507	100.00
SWPP	490	0	60	0	0	0	0	0	550	550	100.00
WSCC	718	0	253	0	125	0	0	0	1,096	1,166	94.00
SUBTOTAL	9,295	0	1,590	775	125	0	0	0	11,785	11,875	99.24
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	20	0	0	0	0	0	0	0	20	2,770	0.72
ERCOT	0	0	0	0	0	0	0	0	0	545	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	1,439	0.00
MARCA	0	0	0	0	0	0	0	0	0	1,598	0.00
NPCC	0	0	0	0	0	0	0	0	0	300	0.00
SERC	0	0	0	0	0	0	0	0	0	3,507	0.00
SWPP	0	0	0	0	0	0	0	0	0	550	0.00
WSCC	0	70	0	0	0	0	0	0	70	1,166	6.00
SUBTOTAL	20	70	0	0	0	0	0	0	90	11,875	0.76
TOTAL MW	9,315	70	1,590	775	125	0	0	0	11,875		
TOTAL %	78.44	0.59	13.39	6.53	1.05	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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COUNCIL -----	1981 ----									TOTAL (1) -----	PER- CENT -----
	COAL ----	GAS ----	MIDDLE OIL ----	HEAVY OIL ----	WASTE HEAT -----	REFUSE -----	MULTI- FUELED -----	NOT REPORTED -----	SUBTOTAL -----		
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	4	0	0	0	0	0	0	0	4	5	80.00
ERCOT	1	0	0	0	0	0	0	0	1	1	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	2	0	5	0	0	0	0	0	7	7	100.00
MARCA	5	0	0	0	0	0	0	0	5	5	100.00
NPCC	0	0	1	0	0	0	0	0	1	1	100.00
SERC	5	0	16	1	0	0	0	0	22	22	100.00
SWPP	1	0	1	0	0	0	0	0	2	2	100.00
WSCC	2	0	1	0	1	0	0	0	4	5	80.00
SUBTOTAL	20	0	24	1	1	0	0	0	46	48	95.83
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	1	0	0	0	0	0	0	0	1	5	20.00
ERCOT	0	0	0	0	0	0	0	0	0	1	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	7	0.00
MARCA	0	0	0	0	0	0	0	0	0	5	0.00
NPCC	0	0	0	0	0	0	0	0	0	1	0.00
SERC	0	0	0	0	0	0	0	0	0	22	0.00
SWPP	0	0	0	0	0	0	0	0	0	2	0.00
WSCC	0	1	0	0	0	0	0	0	1	5	20.00
SUBTOTAL	1	1	0	0	0	0	0	0	2	48	4.17
TOTAL NO	21	1	24	1	1	0	0	0	48		
TOTAL %	43.75	2.08	50.00	2.08	2.08	0.00	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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1982

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT

MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	2,550	0	0	0	0	0	0	0	2,550	3,071	83.03
ERCOT	1,150	0	0	0	0	0	0	0	1,150	1,150	100.00
MAAC	0	0	13	600	0	0	0	0	613	1,223	50.12
MAIN	1,400	0	355	0	0	0	0	0	1,755	1,755	100.00
MARCA	165	0	0	0	0	0	0	0	165	170	97.06
NPCC	0	0	124	6	0	0	0	0	130	205	63.41
SERC	3,624	0	60	0	0	0	0	0	3,684	3,684	100.00
SWPP	3,332	0	0	0	0	0	0	0	3,332	3,862	86.28
WSCC	1,200	0	0	0	0	0	0	0	1,200	1,200	100.00
SUBTOTAL	13,421	0	552	606	0	0	0	0	14,579	16,320	89.33

MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	515	6	0	0	0	0	0	0	521	3,071	16.97
ERCOT	0	0	0	0	0	0	0	0	0	1,150	0.00
MAAC	0	0	0	610	0	0	0	0	610	1,223	49.88
MAIN	0	0	0	0	0	0	0	0	0	1,755	0.00
MARCA	0	0	5	0	0	0	0	0	5	170	2.94
NPCC	0	0	0	0	0	75	0	0	75	205	36.59
SERC	0	0	0	0	0	0	0	0	0	3,684	0.00
SWPP	530	0	0	0	0	0	0	0	530	3,862	13.72
WSCC	0	0	0	0	0	0	0	0	0	1,200	0.00
SUBTOTAL	1,045	6	5	610	0	75	0	0	1,741	16,320	10.67
TOTAL MW	14,466	6	557	1,216	0	75	0	0	16,320		
TOTAL %	88.64	0.04	3.41	7.45	0.00	0.46	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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1982

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PERCENT

NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	4	0	0	0	0	0	0	0	4	6	66.67
ERCOT	2	0	0	0	0	0	0	0	2	2	100.00
MAAC	0	0	1	1	0	0	0	0	2	3	66.67
MAIN	5	0	7	0	0	0	0	0	12	12	100.00
MARCA	2	0	0	0	0	0	0	0	2	3	66.67
NPCC	0	0	1	1	0	0	0	0	2	3	66.67
SERC	5	0	3	0	0	0	0	0	8	8	100.00
SWPP	6	0	0	0	0	0	0	0	6	7	85.71
WSCC	2	0	0	0	0	0	0	0	2	2	100.00
SUBTOTAL	26	0	12	2	0	0	0	0	40	46	86.96

NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY											
ECAR	1	1	0	0	0	0	0	0	2	6	33.33
ERCOT	0	0	0	0	0	0	0	0	0	2	0.00
MAAC	0	0	0	1	0	0	0	0	1	3	33.33
MAIN	0	0	0	0	0	0	0	0	0	12	0.00
MARCA	0	0	1	0	0	0	0	0	1	3	33.33
NPCC	0	0	0	0	0	1	0	0	1	3	33.33
SERC	0	0	0	0	0	0	0	0	0	8	0.00
SWPP	1	0	0	0	0	0	0	0	1	7	14.29
WSCC	0	0	0	0	0	0	0	0	0	2	0.00
SUBTOTAL	2	1	1	1	0	1	0	0	6	46	13.04
TOTAL NO	28	1	13	3	0	1	0	0	46		
TOTAL %	60.87	2.17	28.26	6.52	0.00	2.17	0.00	0.00	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1983								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			

MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	4,726	0	0	0	0	0	0	0	4,726	4,726	100.00
ERCOT	1,097	0	0	0	0	0	0	0	1,097	1,097	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	400	0	327	0	0	0	0	0	727	727	100.00
MARCA	1,866	0	10	0	0	0	0	0	1,876	1,898	98.84
NPCC	850	0	0	0	0	0	0	75	925	925	100.00
SERC	2,402	0	65	0	0	0	0	0	2,467	2,467	100.00
SWPP	2,035	0	130	0	0	0	0	0	2,165	2,165	100.00
WSCC	3,219	0	685	0	241	0	0	0	4,145	4,145	100.00
SUBTOTAL	16,595	0	1,217	0	241	0	0	75	18,128	18,150	99.88

MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	0	0	0	0	0	0	0	0	0	4,726	0.00
ERCOT	0	0	0	0	0	0	0	0	0	1,097	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	727	0.00
MARCA	14	8	0	0	0	0	0	0	22	1,898	1.16
NPCC	0	0	0	0	0	0	0	0	0	925	0.00
SERC	0	0	0	0	0	0	0	0	0	2,467	0.00
SWPP	0	0	0	0	0	0	0	0	0	2,165	0.00
WSCC	0	0	0	0	0	0	0	0	0	4,145	0.00
SUBTOTAL	14	8	0	0	0	0	0	0	22	18,150	0.12
TOTAL MW	16,609	8	1,217	0	241	0	0	75	18,150		
TOTAL %	91.51	0.04	6.71	0.00	1.33	0.00	0.00	0.41	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1983								TOTAL (1)	PER- CENT	
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	8	0	0	0	0	0	0	0	8	8	100.00
ERCOT	2	0	0	0	0	0	0	0	2	2	100.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	1	0	5	0	0	0	0	0	7	7	100.00
MARCA	3	0	1	0	0	0	0	0	4	4	57.14
NPCC	1	0	0	0	0	0	0	1	2	2	100.00
SERC	5	0	1	0	0	0	0	0	6	6	100.00
SWPP	4	0	2	0	0	0	0	0	6	6	100.00
WSCC	9	0	4	0	1	0	0	0	13	13	100.00
SUBTOTAL	32	0	14	0	1	0	0	1	48	51	94.12
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	0	0	0	0	0	0	0	0	0	8	0.00
ERCOT	0	0	0	0	0	0	0	0	0	2	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	0.00
MAIN	0	0	0	0	0	0	0	0	0	7	0.00
MARCA	2	1	0	0	0	0	0	0	3	7	42.86
NPCC	0	0	0	0	0	0	0	0	0	2	0.00
SERC	0	0	0	0	0	0	0	0	0	6	0.00
SWPP	0	0	0	0	0	0	0	0	0	6	0.00
WSCC	0	0	0	0	0	0	0	0	0	13	0.00
SUBTOTAL	2	1	0	0	0	0	0	0	3	51	5.88
TOTAL NO	34	1	14	0	1	0	0	1	51		
TOTAL %	66.67	1.96	27.45	0.00	1.96	0.00	0.00	1.96	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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1984

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	3,856	0	500	0	0	0	0	0	4,356	5,021	86.76
ERCOT	1,597	0	0	0	0	0	0	0	1,597	1,597	100.00
MAAC	625	0	0	0	0	0	0	0	625	1,235	50.61
MAIN	520	0	50	0	0	0	0	0	570	570	100.00
MARCA	1,400	0	0	0	0	0	0	0	1,400	1,400	100.00
NPCC	0	0	0	94	0	0	0	0	94	951	9.88
SERC	801	0	621	0	0	0	0	0	1,422	1,661	85.61
SWPP	1,860	0	0	0	0	0	0	0	1,860	1,860	100.00
WSCC	720	0	0	0	0	0	0	0	720	720	100.00
SUBTOTAL	11,379	0	1,171	94	0	0	0	0	12,644	15,015	84.21
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	600	0	65	0	0	0	0	0	665	5,021	13.24
ERCOT	0	0	0	0	0	0	0	0	0	1,597	0.00
MAAC	0	0	0	610	0	0	0	0	610	1,235	49.39
MAIN	0	0	0	0	0	0	0	0	0	570	0.00
MARCA	0	0	0	0	0	0	0	0	0	1,400	0.00
NPCC	700 (a)	0	0	0	0	0	0	157	857	951	90.12
SERC	239	0	0	0	0	0	0	0	239	1,661	14.39
SWPP	0	0	0	0	0	0	0	0	0	1,860	0.00
WSCC	0	0	0	0	0	0	0	0	0	720	0.00
SUBTOTAL	1,539	0	65	610	0	0	0	157	2,371	15,015	15.79
TOTAL MW	12,918	0	1,236	704	0	0	0	157	15,015		
TOTAL %	86.03	0.00	8.23	4.69	0.00	0.00	0.00	1.05	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

(a) Primary fuel for this unit is reported as coal blended with refuse, with oil as an alternate fuel.

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COUNCIL	1984								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			

NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	5	0	10	0	0	0	0	0	15	17	88.24
ERCOT	4	0	0	0	0	0	0	0	4	4	100.00
MAAC	1	0	0	0	0	0	0	0	1	2	50.00
MAIN	3	0	1	0	0	0	0	0	4	4	100.00
MARCA	2	0	0	0	0	0	0	0	2	2	100.00
NPCC	0	0	0	2	0	0	0	0	2	4	50.00
SERC	1	0	11	0	0	0	0	0	12	13	92.31
SWPP	3	0	0	0	0	0	0	0	3	3	100.00
WSCC	2	0	0	0	0	0	0	0	2	2	100.00
SUBTOTAL	21	0	22	2	0	0	0	0	45	51	88.24

NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY											
ECAR	1	0	1	0	0	0	0	0	2	17	11.76
ERCOT	0	0	0	0	0	0	0	0	0	4	0.00
MAAC	0	0	0	1	0	0	0	0	1	2	50.00
MAIN	0	0	0	0	0	0	0	0	0	4	0.00
MARCA	0	0	0	0	0	0	0	0	0	2	0.00
NPCC	1 (a)	0	0	0	0	0	0	1	2	4	50.00
SERC	1	0	0	0	0	0	0	0	1	13	7.69
SWPP	0	0	0	0	0	0	0	0	0	3	0.00
WSCC	0	0	0	0	0	0	0	0	0	2	0.00
SUBTOTAL	3	0	1	1	0	0	0	1	6	51	11.76
TOTAL NO	24	0	23	3	0	0	0	1	51		
TOTAL %	47.06	0.00	45.10	5.88	0.00	0.00	0.00	1.96	100.00		

- (1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
 NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
 HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.
 (a) Primary fuel for this unit is reported as coal blended with refuse, with oil as an alternate fuel.

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1985

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	3,350	0	150	0	0	0	0	450	3,950	5,200	75.96
ERCOT	750	0	0	0	0	0	0	0	750	750	100.00
MAAC	800	0	0	0	0	0	0	0	800	800	100.00
MAIN	515	0	225	0	0	0	0	0	740	740	100.00
MARCA	0	0	0	0	0	0	0	0	0	0	0.00
NPCC	0	0	0	3	0	0	0	0	3	3	100.00
SERC	5,150	0	50	0	0	0	0	0	5,200	5,200	100.00
SWPP	3,598	0	90	0	0	0	0	0	3,688	3,688	100.00
WSCC	2,492	0	1,075	0	241	0	0	0	3,808	3,808	100.00
SUBTOTAL	16,655	0	1,590	3	241	0	0	450	18,939	20,189	93.81
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	1,250	0	0	0	0	0	0	0	1,250	5,200	24.04
ERCOT	0	0	0	0	0	0	0	0	0	750	0.00
MAAC	0	0	0	0	0	0	0	0	0	800	0.00
MAIN	0	0	0	0	0	0	0	0	0	740	0.00
MARCA	0	0	0	0	0	0	0	0	0	0	0.00
NPCC	0	0	0	0	0	0	0	0	0	3	0.00
SERC	0	0	0	0	0	0	0	0	0	5,200	0.00
SWPP	0	0	0	0	0	0	0	0	0	3,688	0.00
WSCC	0	0	0	0	0	0	0	0	0	3,808	0.00
SUBTOTAL	1,250	0	0	0	0	0	0	0	1,250	20,189	6.19
TOTAL MW	17,905	0	1,590	3	241	0	0	450	20,189		
TOTAL %	88.69	0.00	7.88	0.01	1.19	0.00	0.00	2.23	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL -----	1985 ----								SUBTOTAL -----	TOTAL (1) -----	PER- CENT ----	
	COAL ----	GAS ---	MIDDLE OIL ---	HEAVY OIL ---	WASTE HEAT ----	REFUSE -----	MULTI- FUELED -----	NOT REPORTED -----				
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----												
ECAR	7	0	3	0	0	0	0	0	1	11	13	84.62
ERCOT	1	0	0	0	0	0	0	0	0	1	1	100.00
MAAC	1	0	0	0	0	0	0	0	0	1	1	100.00
MAIN	3	0	5	0	0	0	0	0	0	8	8	100.00
MARCA	0	0	0	0	0	0	0	0	0	0	0	0.00
NPCC	0	0	0	0	0	0	0	0	0	1	1	100.00
SERC	10	0	1	0	0	0	0	0	0	11	11	100.00
SWPP	7	0	1	0	0	0	0	0	0	8	8	100.00
WSCC	6	0	10	0	1	0	0	0	0	17	17	100.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	35	0	20	1	1	0	0	1	0	58	60	96.67
NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----												
ECAR	2	0	0	0	0	0	0	0	0	2	13	15.38
ERCOT	0	0	0	0	0	0	0	0	0	0	1	0.00
MAAC	0	0	0	0	0	0	0	0	0	0	1	0.00
MAIN	0	0	0	0	0	0	0	0	0	0	8	0.00
MARCA	0	0	0	0	0	0	0	0	0	0	0	0.00
NPCC	0	0	0	0	0	0	0	0	0	0	1	0.00
SERC	0	0	0	0	0	0	0	0	0	0	11	0.00
SWPP	0	0	0	0	0	0	0	0	0	0	8	0.00
WSCC	0	0	0	0	0	0	0	0	0	0	17	0.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	2	0	0	0	0	0	0	0	0	2	60	3.33
TOTAL NO	37	0	20	1	1	0	0	1	0	60		
TOTAL %	61.67	0.00	33.33	1.67	1.67	0.00	0.00	1.67	100.00			

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1986								SUBTOTAL	TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED			
----- MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	1,950	0	0	0	0	0	0	0	1,950	1,950	100.00
ERCOT	1,700	0	0	0	0	0	0	0	1,700	1,700	100.00
MAAC	625	0	25	0	0	0	0	0	650	650	100.00
MAIN	930	0	445	0	0	0	0	550	1,925	1,925	100.00
MARCA	120	0	0	0	0	0	0	0	120	128	93.75
NPCC	568	0	0	0	0	0	0	0	568	568	100.00
SERC	1,841	0	150	0	0	0	0	0	1,991	1,991	100.00
SWPP	4,227	0	171	0	0	0	0	0	4,398	4,398	100.00
WSCC	3,570	0	480	0	130	0	0	0	4,180	4,180	100.00
SUBTOTAL	15,531	0	1,271	0	130	0	0	550	17,482	17,490	99.95
----- MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	0	0	0	0	0	0	0	0	0	1,950	0.00
ERCOT	0	0	0	0	0	0	0	0	0	1,700	0.00
MAAC	0	0	0	0	0	0	0	0	0	650	0.00
MAIN	0	0	0	0	0	0	0	0	0	1,925	0.00
MARCA	0	8	0	0	0	0	0	0	8	128	6.25
NPCC	0	0	0	0	0	0	0	0	0	568	0.00
SERC	0	0	0	0	0	0	0	0	0	1,991	0.00
SWPP	0	0	0	0	0	0	0	0	0	4,398	0.00
WSCC	0	0	0	0	0	0	0	0	0	4,180	0.00
SUBTOTAL	0	8	0	0	0	0	0	0	8	17,490	0.05
TOTAL MW	15,531	8	1,271	0	130	0	0	550	17,490		
TOTAL %	88.80	0.05	7.27	0.00	0.74	0.00	0.00	3.14	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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COUNCIL	1986									TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED	SUBTOTAL		
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	3	0	0	0	0	0	0	0	3	3	100.00
ERCOT	3	0	0	0	0	0	0	0	3	3	100.00
MAAC	1	0	4	0	0	0	0	0	5	5	100.00
MAIN	3	0	8	0	0	0	0	1	12	12	100.00
MARCA	1	0	0	0	0	0	0	0	1	2	50.00
NPCC	1	0	0	0	0	0	0	0	1	1	100.00
SERC	3	0	3	0	0	0	0	0	6	6	100.00
SWPP	9	0	2	0	0	0	0	0	11	11	100.00
WSCC	7	0	4	0	1	0	0	0	12	12	100.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	31	0	21	0	1	0	0	1	54	55	98.18
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	0	0	0	0	0	0	0	0	0	3	0.00
ERCOT	0	0	0	0	0	0	0	0	0	3	0.00
MAAC	0	0	0	0	0	0	0	0	0	5	0.00
MAIN	0	0	0	0	0	0	0	0	0	12	0.00
MARCA	0	1	0	0	0	0	0	0	1	2	50.00
NPCC	0	0	0	0	0	0	0	0	0	1	0.00
SERC	0	0	0	0	0	0	0	0	0	6	0.00
SWPP	0	0	0	0	0	0	0	0	0	11	0.00
WSCC	0	0	0	0	0	0	0	0	0	12	0.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	0	1	0	0	0	0	0	0	1	55	1.82
TOTAL NO	31	1	21	0	1	0	0	1	55		
TOTAL %	56.36	1.82	38.18	0.00	1.82	0.00	0.00	1.82	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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COUNCIL	1987									TOTAL (1)	PER- CENT
	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI- FUELED	NOT REPORTED	SUBTOTAL		
MEGAWATTS OF FOSSIL-FUELED GENERATION WITHOUT ALTERNATE FUEL CAPABILITY											
ECAR	2,250	0	0	0	0	0	0	0	2,250	3,650	61.64
ERCOT	1,623	0	0	0	0	0	0	0	1,623	1,623	100.00
MAAC	700	0	0	0	0	0	0	0	700	700	100.00
MAIN	1,260	0	50	0	0	0	0	1,100	2,410	2,410	100.00
MARCA	1,600	0	10	0	0	0	0	0	1,610	1,610	100.00
NPCC	850	0	0	61	0	0	0	0	911	911	100.00
SERC	4,689	0	0	100	0	0	0	0	4,789	4,789	100.00
SWPP	2,347	0	0	0	0	0	0	0	2,347	2,347	100.00
WSCC	2,000	0	1,185	0	260	0	0	150	3,595	3,595	100.00
SUBTOTAL	17,319	0	1,245	161	260	0	0	1,250	20,235	21,635	93.53
MEGAWATTS OF FOSSIL-FUELED GENERATION WITH ALTERNATE FUEL CAPABILITY											
ECAR	1,400	0	0	0	0	0	0	0	1,400	3,650	38.36
ERCOT	0	0	0	0	0	0	0	0	0	1,623	0.00
MAAC	0	0	0	0	0	0	0	0	0	700	0.00
MAIN	0	0	0	0	0	0	0	0	0	2,410	0.00
MARCA	0	0	0	0	0	0	0	0	0	1,610	0.00
NPCC	0	0	0	0	0	0	0	0	0	911	0.00
SERC	0	0	0	0	0	0	0	0	0	4,789	0.00
SWPP	0	0	0	0	0	0	0	0	0	2,347	0.00
WSCC	0	0	0	0	0	0	0	0	0	3,595	0.00
SUBTOTAL	1,400	0	0	0	0	0	0	0	1,400	21,635	6.47
TOTAL MW	18,719	0	1,245	161	260	0	0	1,250	21,635		
TOTAL %	86.52	0.00	5.75	0.74	1.20	0.00	0.00	5.78	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
HEAVY OIL INCLUDES NO. 4, 5, 6 OIL, BUNKER AND CRUDE.

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1987

COUNCIL	COAL	GAS	MIDDLE OIL	HEAVY OIL	WASTE HEAT	REFUSE	MULTI-FUELED	NOT REPORTED	SUBTOTAL	TOTAL (1)	PER-CENT
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITHOUT ALTERNATE FUEL CAPABILITY -----											
ECAR	4	0	0	0	0	0	0	0	4	6	66.67
ERCOT	3	0	0	0	0	0	0	0	3	3	100.00
MAAC	2	0	0	0	0	0	0	0	2	2	100.00
MAIN	3	0	1	0	0	0	0	2	6	6	100.00
MARCA	2	0	1	0	0	0	0	0	3	3	100.00
NPCC	1	0	0	1	0	0	0	0	2	2	100.00
SERC	7	0	0	1	0	0	0	0	8	8	100.00
SWPP	4	0	0	0	0	0	0	0	4	4	100.00
WSCC	4	0	13	0	1	0	0	3	21	21	100.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	30	0	15	2	1	0	0	5	53	55	96.36
----- NUMBER OF FOSSIL-FUELED GENERATING UNITS WITH ALTERNATE FUEL CAPABILITY -----											
ECAR	2	0	0	0	0	0	0	0	2	6	33.33
ERCOT	0	0	0	0	0	0	0	0	0	3	0.00
MAAC	0	0	0	0	0	0	0	0	0	2	0.00
MAIN	0	0	0	0	0	0	0	0	0	6	0.00
MARCA	0	0	0	0	0	0	0	0	0	3	0.00
NPCC	0	0	0	0	0	0	0	0	0	2	0.00
SERC	0	0	0	0	0	0	0	0	0	8	0.00
SWPP	0	0	0	0	0	0	0	0	0	4	0.00
WSCC	0	0	0	0	0	0	0	0	0	21	0.00
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SUBTOTAL	2	0	0	0	0	0	0	0	2	55	3.64
TOTAL NO	32	0	15	2	1	0	0	5	55		
TOTAL %	56.18	0.00	27.27	3.64	1.82	0.00	0.00	9.09	100.00		

(1) SUMMATION OF GENERATION WITH AND WITHOUT ALTERNATE FUEL CAPABILITY.
NOTES: MIDDLE DISTILLATE OIL INCLUDES NO. 1, 2 OIL, KEROSENE AND JET FUEL.
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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1978								
JAN.	MIAMI FORT NO. 8	NEW	500	FOSSIL STM	COAL	NONE	CINCINNATI GAS & ELECTRIC CO	1
	OWENSBORO NO. 1	RETIRE	7	FOSSIL STM	COAL	NONE	OWENSBORO MUNICIPAL UTILITIES (KY)	
	OWENSBORO NO. 2	RETIRE	8	FOSSIL STM	COAL	NONE	OWENSBORO MUNICIPAL UTILITIES (KY)	
	DAVIS-BESSE NO. 1	UPRATE TO	679	NUC (PWR)	URANIUM	NONE	TOLEDO EDISON COMPANY	2
FEB.	BIG ROCK POINT NO. 1	UPRATE TO	65	NUC (BWR)	URANIUM	NONE	CONSUMERS POWER COMPANY (MI)	3
	CAMPBELL NO. 1	DERATE TO	263	FOSSIL STM	COAL	NONE	CONSUMERS POWER COMPANY (MI)	4
MARCH	CANE RUN NO. 5	DERATE TO	175	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	5
	DAVIS-BESSE NO. 1	UPRATE TO	904	NUC (PWR)	URANIUM	NONE	TOLEDO EDISON COMPANY	6
APRIL	PETERSBURG NO. 3	UPRATE TO	515	FOSSIL STM	COAL	NONE	INDIANAPOLIS PWR & LT CO	7
	GIBSON NO. 3	NEW	650	FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	
MAY	CONESVILLE NO. 6	NEW	375	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	MILL CREEK NO. 3	NEW	425	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	
	R. M. SCHAFER NO. 14	UPRATE TO	477	FOSSIL STM	COAL	NONE	NORTHERN INDIANA PUBLIC SERV CO	8
JUNE	D E KARN NO. 3	UPRATE TO	631	FOSSIL STM	NO. 6 OIL	NONE	CONSUMERS POWER COMPANY (MI)	9
	D E KARN NO. 4	UPRATE TO	652	FOSSIL STM	NO. 6 OIL	NONE	CONSUMERS POWER COMPANY (MI)	10
	D. C. COOK NO. 2	NEW	1100	NUC (PWR)	URANIUM	NONE	AEP: INDIANA & MICHIGAN ELECTRIC CO	
AUG.	MISTERSKY NO. 7	NEW	58	FOSSIL STM	NO. 6 OIL	NONE	DETROIT, CITY OF, PUB LIGHTING DEPT	
OCT.	OWENSBORO NO. 4	DERATE TO	ZERO	FOSSIL STM	COAL	NONE	OWENSBORO MUNICIPAL UTILITIES (KY)	11
1979								
JAN.	WEST 41ST STREET NO. 2	NEW	6	COMB TURB	NO. 2 OIL	NAT GAS	CLEVELAND PUBL UTILS DEPT	
FEB.	BEAVER VALLEY NO. 1	UPRATE TO	820	NUC (PWR)	URANIUM	NONE	DUQUESNE LIGHT COMPANY (PA)	12
MARCH	PLEASANTS NO. 1	NEW	626	FOSSIL STM	COAL	NONE	ALLEGHENY POWER SYSTEM, INC.	
APRIL	W. H. ZIMMER NO. 1	NEW	792	NUC (BWR)	URANIUM	NONE	CINCINNATI GAS & ELECTRIC CO	13

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1979								
APRIL	GREENWOOD NO. 1	NEW	780	FOSSIL STM	NO. 6 OIL	NONE	DETROIT EDISON COMPANY, THE	
	GIBSON NO. 4	NEW	650	FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	
	A. B. BROWN NO. 1	NEW	250	FOSSIL STM	COAL	NONE	SOUTHERN INDIANA GAS & ELECTRIC CO	
	SMITH MOUNTAIN NO. 3	NEW	100	PUMP HYDRO	WATER	NONE	AEPIAPPALACHIAN POWER CO	
MAY	R. M. SCHAFER NO. 15	NEW	527	FOSSIL STM	COAL	NONE	NORTHERN INDIANA PUBLIC SERV CO	
JUNE	CANE RUN NO. 6	DERATE TO	265	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	4
	PADDY'S RUN NO. 1	DERATE TO ZERO		FOSSIL STM	COAL	NAT GAS	LOUISVILLE GAS & ELECTRIC CO	14
	PADDY'S RUN NO. 2	DERATE TO ZERO		FOSSIL STM	COAL	NAT GAS	LOUISVILLE GAS & ELECTRIC CO	15
	UNKNOWN 16 NO. A	NEW	78	COMB TURB	NO. 2 OIL	NONE	NORTHERN INDIANA PUBLIC SERV CO	
	UNKNOWN 16 NO. B	NEW	77	COMB TURB	NO. 2 OIL	NONE	NORTHERN INDIANA PUBLIC SERV CO	
DEC.	RACINE NO. 1	NEW	40	HYDRO	WATER	NONE	AMERICAN ELECTRIC POWER CO., INC	
	GREEN NO. 1	NEW	200	FOSSIL STM	COAL	NONE	BIG RIVERS ELECTRIC CORP. (KY)	
	ZEELAND NO. 3	RETIRE	1	DIESEL	NO. 2 OIL	NONE	ZEELAND BOARD OF PUBLIC WORKS (MI)	
	ZEELAND NO. 5	RETIRE	1	DIESEL	NO. 2 OIL	NONE	ZEELAND BOARD OF PUBLIC WORKS (MI)	
	ZEELAND NO. 11	NEW	6	DIESEL	NAT GAS	NO. 2 OIL	ZEELAND BOARD OF PUBLIC WORKS (MI)	
1980								
MARCH	PLEASANTS NO. 2	NEW	626	FOSSIL STM	COAL	NONE	ALLEGHENY POWER SYSTEM, INC.	
APRIL	BEAVER VALLEY NO. 1	UPRATE TO	850	NUC (PWR)	URANIUM	NONE	DUQUESNE LIGHT COMPANY (PA)	16
MAY	CAMPBELL NO. 3	NEW	791	FOSSIL STM	COAL	NONE	CONSUMERS POWER COMPANY (MI)	
JUNE	EAST BEND NO. 2	NEW	600	FOSSIL STM	COAL	NONE	CINCINNATI GAS & ELECTRIC CO	17
	MILL CREEK NO. 4	NEW	495	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	
OCT.	PICWAY NO. 3	RETIRE	29	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	PICWAY NO. 4	RETIRE	29	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	MANSFIELD NO. 3	NEW	809	FOSSIL STM	COAL	NONE	OHIO EDISON COMPANY	18
DEC.	GREEN NO. 2	NEW	200	FOSSIL STM	COAL	NONE	BIG RIVERS ELECTRIC CORP. (KY)	

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1980 ----								
DEC.	ENRICO FERMI NO. 2 MOUNTAINEER NO. 1	NEW NEW	1093 1300	NUC (BWR) FOSSIL STM	URANIUM COAL	NONE NONE	DETROIT EDISON COMPANY, THE AEP; APPALACHIAN POWER CO	
1981 ----								
MARCH	PALISADES NO. 1 MIDLAND NO. 2	DERATE TO NEW	ZERO 805	NUC (PWR) NUC (PWR)	URANIUM URANIUM	NONE NONE	CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI)	19
APRIL	H. L. SPURLOCK NO. 2 MEROM NO. 2 GHENT NO. 3	NEW NEW NEW	500 450 500	FOSSIL STM FOSSIL STM FOSSIL STM	COAL COAL COAL	NONE NONE NONE	EAST KENTUCKY POWER COOPERATIVE HOOSIER ENERGY DIV. (IND) COOP. KENTUCKY UTILITIES COMPANY	
JUNE	D E KARN NO. 1 D E KARN NO. 2 J C WEADOCK NO. 1 J C WEADOCK NO. 2 J C WEADOCK NO. 3 J C WEADOCK NO. 4 J C WEADOCK NO. 5 J C WEADOCK NO. 6 J C WEADOCK NO. 7 J C WEADOCK NO. 8 MILL CREEK NO. 1 PADDY'S RUN NO. 3 PADDY'S RUN NO. 4	DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO DERATE TO	255 260 39 39 59 59 69 68 153 154 321 ZERO ZERO	FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM	COAL COAL CRUDE OIL CRUDE OIL CRUDE OIL CRUDE OIL CRUDE OIL CRUDE OIL COAL COAL COAL COAL COAL COAL	NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NAT GAS NAT GAS	CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) LOUISVILLE GAS & ELECTRIC CO LOUISVILLE GAS & ELECTRIC CO LOUISVILLE GAS & ELECTRIC CO	20 21 22 22 22 22 22 23 24 25 26 27 28
JULY	MITCHELL NO. 1	UPRATE TO	800	FOSSIL STM	COAL	NONE	AEP; OHIO POWER CO	29
DEC.	ISLAND NO. 3 ROCKPORT NO. 1	NEW NEW	20 1300	FOSSIL STM FOSSIL STM	COAL COAL	NO. 6 OIL NONE	GRAND HAVEN BOARD OF LT & PWR (MI) AEP; INDIANA & MICHIGAN ELECTRIC CO	

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1982 ----								
JAN.	PERRY NO. 1	NEW	1189	NUC (BWR)	URANIUM	NONE	CLEVELAND ELEC ILLUM CO, THE	18
	KILLEN STATION NO. 2	NEW	600	FOSSIL STM	COAL	NONE		DAYTON POWER & LIGHT COMPANY, THE
FEB.	MEROM NO. 1	NEW	450	FOSSIL STM	COAL	NONE	HOOSIER ENERGY DIV. (IND) COOP.	
MARCH	MIDLAND NO. 1	NEW	530	NUC (PWR)	URANIUM	NONE	CONSUMERS POWER COMPANY (MI)	
APRIL	PETERSBURG NO. 4	NEW	515	FOSSIL STM	COAL	UNREPORTED	INDIANAPOLIS PWR & LT CO	
MAY	BEAVER VALLEY NO. 2	NEW	820	NUC (PWR)	URANIUM	NONE	DUQUESNE LIGHT COMPANY (PA)	
JUNE	MILL CREEK NO. 2	DERATE TO	312	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	26
SEPT.	MARBLE HILL NO. 1	NEW	1130	NUC (PWR)	URANIUM	NONE	PUBLIC SERVICE CO OF IND., INC.	30
DEC.	COLEMAN NO. 4	NEW	200	FOSSIL STM	COAL	NONE	BIG RIVERS ELECTRIC CORP. (KY) ZEELAND BOARD OF PUBLIC WORKS (MI) AEP:INDIANA & MICHIGAN ELECTRIC CO	
	ZEELAND NO. 12	NEW	6	DIESEL	NAT GAS	NO. 2 OIL		
	ROCKPORT NO. 2	NEW	1300	FOSSIL STM	COAL	NONE		
1983 ----								
JAN.	POSTON NO. 5	NEW	375	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	A. B. BROWN NO. 2	NEW	250	FOSSIL STM	COAL	NONE		SOUTHERN INDIANA GAS & ELECTRIC CO
MARCH	LOWER ARMSTRONG NO. 1	NEW	630	FOSSIL STM	COAL	NONE	ALLEGHENY POWER SYSTEM, INC. CONSUMERS POWER COMPANY (MI)	31
	PALISADES NO. 1	UPRATE TO	635	NUC (PWR)	URANIUM	NONE		
	BELLE RIVER NO. 1	NEW	676	FOSSIL STM	COAL	NONE		
APRIL	GHEAT NO. 4	NEW	500	FOSSIL STM	COAL	NONE	KENTUCKY UTILITIES COMPANY	
MAY	B E MORROW NO. 1	RETIRE	38	FOSSIL STM	NO. 6 OIL	NAT GAS	CONSUMERS POWER COMPANY (MI) CONSUMERS POWER COMPANY (MI) NORTHERN INDIANA PUBLIC SERV CO	
	B E MORROW NO. 2	RETIRE	38	FOSSIL STM	NO. 6 OIL	NAT GAS		
	R. M. SCHAEFER NO. 17	NEW	500	FOSSIL STM	COAL	NONE		
JUNE	PERRY NO. 2	NEW	1189	NUC (BWR)	URANIUM	NONE	CLEVELAND ELEC ILLUM CO, THE	18

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY FUEL	ALTERNATE FUEL	SYSTEM NAME	NOTE NO.
1985								
JAN.	POSTON NO. 6	NEW	375	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	KILLEN STATION NO. 1	NEW	600	FOSSIL STM	COAL	NONE	DAYTON POWER & LIGHT COMPANY, THE	17
MARCH	LOWER ARMSTRONG NO. 3	NEW	630	FOSSIL STM	COAL	NONE	ALLEGHENY POWER SYSTEM, INC.	
APRIL	PATRIOT NO. 1	NEW	650	FOSSIL STM	COAL	UNREPORTED	INDIANAPOLIS PWR & LT CO	
	DAVIS-BESSE NO. 2	NEW	904	NUC (PWR)	URANIUM	NONE	TOLEDO EDISON COMPANY	18
MAY	UNDESIGNATED	NEW	500	FOSSIL STM	COAL	NONE	BIG RIVERS ELECTRIC CORP. (KY)	
JUNE	CANE RUN NO. 1	DERATE TO ZERO		FOSSIL STM	COAL	NAT GAS	LOUISVILLE GAS & ELECTRIC CO	35
	CANE RUN NO. 2	DERATE TO ZERO		FOSSIL STM	COAL	NAT GAS	LOUISVILLE GAS & ELECTRIC CO	36
	TRIMBLE COUNTY NO. 2	NEW	495	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	
JULY	WHITEWATER VALLEY NO. 3	NEW	100	FOSSIL STM	COAL	NONE	RICHMOND POWER & LIGHT (IN)	
OCT.	BUCKEYE CT NO. 11	NEW	50	COMB TURB	NO. 2 OIL	NONE	BUCKEYE POWER, INC. (OHIO)	37
	BUCKEYE CT NO. 12	NEW	50	COMB TURB	NO. 2 OIL	NONE	BUCKEYE POWER, INC. (OHIO)	37
	BUCKEYE CT NO. 13	NEW	50	COMB TURB	NO. 2 OIL	NONE	BUCKEYE POWER, INC. (OHIO)	37
	UNSITE COAL NO. 2	NEW	600	FOSSIL STM	COAL	UNREPORTED	EAST KENTUCKY POWER COOPERATIVE	
	EDWARDSPORT NO. 6	DERATE TO ZERO		FOSSIL STM	NO. 2 OIL	NONE	PUBLIC SERVICE CO OF IND., INC.	38
	EDWARDSPORT NO. 7	DERATE TO ZERO		FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	38
	EDWARDSPORT NO. 8	DERATE TO ZERO		FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	39
	NOBLESVILLE NO. 1	DERATE TO ZERO		FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	40
	NOBLESVILLE NO. 2	DERATE TO ZERO		FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	41
	GIBSON NO. 5	NEW	650	FOSSIL STM	COAL	NONE	PUBLIC SERVICE CO OF IND., INC.	
DEC.	UNDESIGNATED	NEW	450	FOSSIL STM	UNREPORTED	UNREPORTED	HOOBIER ENERGY DIV. (IND) COOP.	
1986								
MARCH	DAVIS NO. 1	NEW	250	PUMP HYDRO	WATER	NONE	ALLEGHENY POWER SYSTEM, INC.	
APRIL	UNSITE COAL	NEW	650	FOSSIL STM	COAL	NONE	DETROIT EDISON COMPANY, THE	
	UNSITE COAL NO. 2	NEW	650	FOSSIL STM	COAL	NONE	KENTUCKY UTILITIES COMPANY	

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
-----	-----	-----	--	-----	PRIMARY	ALTERNATE	-----	---
1986 ----								
APRIL	ERIE NO. 1	NEW	1248	NUC (PWR)	URANIUM	NONE	OHIO EDISON COMPANY	16
JUNE	DAVIS NO. 2	NEW	250	PUMP HYDRO	WATER	NONE	ALLEGHENY POWER SYSTEM, INC.	
OCT.	FUTURE UNIT	NEW	650	FOSSIL STM	COAL	NONE	BUCKEYE POWER, INC. (OHIO)	
1987 ----								
JAN.	EAST BEND NO. 3	NEW	700	FOSSIL STM	COAL	NONE	CINCINNATI GAS & ELECTRIC CO	42
	NEWBURY	NEW	375	FOSSIL STM	COAL	NONE	COLUMBUS & SOUTHERN OHIO ELEC CO	
	B E MORROW NO. 3	RETIRE	54	FOSSIL STM	NO. 6 OIL	NAT GAS	CONSUMERS POWER COMPANY (MI)	
	B E MORROW NO. 4	RETIRE	60	FOSSIL STM	NO. 6 OIL	NAT GAS	CONSUMERS POWER COMPANY (MI)	
	A. B. BROWN NO. 3	NEW	500	FOSSIL STM	COAL	NONE	SOUTHERN INDIANA GAS & ELECTRIC CO	
MARCH	DAVIS NO. 3	NEW	250	PUMP HYDRO	WATER	NONE	ALLEGHENY POWER SYSTEM, INC.	
	CAMPBELL NO. 2	UPRATE TO	425	FOSSIL STM	COAL	NONE	CONSUMERS POWER COMPANY (MI)	43
	UNSITE NUCLEAR	NEW	1208	NUC (PWR)	URANIUM	NONE	DETROIT EDISON COMPANY, THE	
APRIL	PATRIOT NO. 2	NEW	650	FOSSIL STM	COAL	UNREPORTED	INDIANAPOLIS PWR & LT CO	
	DAVIS-BESSE NO. 3	NEW	904	NUC (PWR)	URANIUM	NONE	TOLEDO EDISON COMPANY	18
JUNE	DAVIS NO. 4	NEW	250	PUMP HYDRO	WATER	NONE	ALLEGHENY POWER SYSTEM, INC.	
	CANE RUN NO. 3	DERATE TO ZERO		FOSSIL STM	COAL	NAT GAS	LOUISVILLE GAS & ELECTRIC CO	44
	TRIMBLE COUNTY NO. 3	NEW	675	FOSSIL STM	COAL	NONE	LOUISVILLE GAS & ELECTRIC CO	
OCT.	UNSITE COAL NO. 3	NEW	750	FOSSIL STM	COAL	UNREPORTED	EAST KENTUCKY POWER COOPERATIVE	
	UNSITE	NEW	1130	UNREPORTED	UNREPORTED	UNREPORTED	PUBLIC SERVICE CO OF IND., INC.	

FOOTNOTES FOR PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)
.....

- 1 UNIT JOINTLY OWNED BY CINCINNATI GAS & ELECTRIC CO. (320 MW) AND DAYTON POWER & LIGHT CO. (180 MW).
- 2 THIS UNIT UPGRATED 317 MW. SEE FOOTNOTE 18.
- 3 THIS UNIT UPGRATED 4 MW.
- 4 THIS UNIT DERATED 4 MW.
- 5 THIS UNIT DERATED 8 MW.
- 6 THIS UNIT UPGRATED 225 MW. SEE FOOTNOTE 18.
- 7 THIS UNIT UPGRATED 15 MW.
- 8 THIS UNIT UPGRATED 46 MW.
- 9 THIS UNIT UPGRATED 131 MW.
- 10 THIS UNIT UPGRATED 152 MW.
- 11 GENERATING UNIT PLACED ON DEACTIVATED RESERVE. UNIT WAS 35 MW.
- 12 THIS UNIT UPGRATED 20 MW.
- 13 UNIT JOINTLY OWNED BY CINCINNATI GAS & ELECTRIC CO. (317 MW), DAYTON POWER & LIGHT CO. (249 MW) AND COLUMBUS & SOUTHERN ELECTRIC (226 MW).
- 14 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 29 MW.

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- 15 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 28 MW.
- 16 THIS UNIT UPATED 30 MW. SEE FOOTNOTE 18.
- 17 UNIT JOINTLY OWNED BY DAYTON POWER & LIGHT CO. (294 MW) AND CINCINNATI GAS & ELECTRIC CO. (306 MW).
- 18 UNIT JOINTLY OWNED BY TWO OR MORE MEMBERS OF THE CAPCO POOL.
- 19 THIS UNIT DERATED 635 MW. UNIT SHUTDOWN FOR 2 YEARS FOR STEAM GENERATOR REPLACEMENT.
- 20 THIS UNIT DERATED 20 MW.
- 21 THIS UNIT DERATED 15 MW.
- 22 THIS UNIT DERATED 3 MW.
- 23 THIS UNIT DERATED 4 MW.
- 24 THIS UNIT DERATED 10 MW.
- 25 THIS UNIT DERATED 9 MW.
- 26 THIS UNIT DERATED 13 MW.
- 27 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 63 MW.
- 28 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 45 MW.
- 29 THIS UNIT UPATED 140 MW.

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EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT (ECAR)

- 30 UNIT JOINTLY OWNED BY PUBLIC SERVICE CO. OF INDIANA (938 MW) AND WABASH VALLEY POWER ASSOC. (192 MW).
- 31 GENERATING UNIT REMOVED FROM DEACTIVATED RESERVE AND PLACED ON ACTIVE STATUS.
- 32 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 70 MW.
- 33 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 67 MW.
- 34 REPORTED AS 900 MW OF COMBUSTION TURBINES. DOE STAFF HAS ASSIGNED 10 UNITS OF 90 MW EACH FOR REPORTING PURPOSES.
- 35 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 106 MW.
- 36 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE UNIT WAS 109 MW.
- 37 REPORTED AS 150 MW OF COMBUSTION TURBINES. DOE STAFF HAS ASSIGNED 3 UNITS OF 50 MW EACH FOR REPORTING PURPOSES.
- 38 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 45 MW.
- 39 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 75 MW.
- 40 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 50 MW.
- 41 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 51 MW.
- 42 UNIT JOINTLY OWNED BY CINCINNATI GAS & ELECTRIC CO. (357 MW) AND DAYTON POWER & LIGHT CO. (343 MW).
- 43 THIS UNIT UPRATED 53 MW.
- 44 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 141 MW.

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ELECTRIC RELIABILITY COUNCIL OF TEXAS (ERCOT)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1978 ----							
JAN.	LA PALMA NO. 3	RETIRE	10	FOSSIL STM	NAT GAS	NO. 1 OIL	CEN & SW:CENTRAL POWER & LIGHT CO
	NORTH MAIN NO. 0	RETIRE	24	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO 1
	NORTH MAIN NO. 1	RETIRE	17	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO 1
FEB.	J. T. DEELY NO. 2	NEW	418	FOSSIL STM	SUB-BITUM	OIL	SAN ANTONIO PUBLIC SERVICE BD
MARCH	DANSBY NO. 1	NEW	100	FOSSIL STM	NAT GAS	NO. 1 OIL	TEXAS MUNICIPAL POWER POOL
APRIL	MARTIN LAKE NO. 2	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO 2
	MONTICELLO NO. 3	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO 3
DEC.	MOUNTAIN CREEK NO. 2	RETIRE	33	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO 1
1979 ----							
FEB.	MARTIN LAKE NO. 3	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO 4
MARCH	W A PARISH NO. 6	NEW	660	FOSSIL STM	SUB-BITUM	NONE	HOUSTON LIGHTING & POWER CO
JUNE	FAYETTE NO. 1	NEW	550	FOSSIL STM	SUB-BITUM	NONE	LOWER COLORADO RIVER AUTHORITY 5
DEC.	COLETO CREEK NO. 1	NEW	550	FOSSIL STM	SUB-BITUM	NONE	CEN & SW:CENTRAL POWER & LIGHT CO
	SAN MIGUEL NO. 1	NEW	400	FOSSIL STM	LIGNITE	NONE	TEXAS MUNICIPAL POWER POOL 6
1980 ----							
JAN.	WICHITA FALLS NO. 6	RETIRE	13	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO 1
	WICHITA FALLS NO. 7	RETIRE	13	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO 1
MAY	MOUNTAIN CREEK NO. 3	RETIRE	70	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO 1
JUNE	W A PARISH NO. 7	NEW	570	FOSSIL STM	SUB-BITUM	NONE	HOUSTON LIGHTING & POWER CO
	FAYETTE NO. 2	NEW	550	FOSSIL STM	SUB-BITUM	NONE	LOWER COLORADO RIVER AUTHORITY 5

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1980								
OCT.	SOUTH TEXAS NO. 1	NEW	1250	NUC (PWR)	URANIUM	NONE	HOUSTON LIGHTING & POWER CO	7
DEC.	NUECES BAY NO. 5	RETIRE	35	FOSSIL STM	NAT GAS	NO. 1 OIL	CEN & SW:CENTRAL POWER & LIGHT CO	
1981								
JAN.	COMANCHE PEAK NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	8
	SANDOW NO. 4	NEW	545	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	
	CONCHO NO. 3	RETIRE	15	FOSSIL STM	NAT GAS	NO. 5 OIL	CEN & SW:WEST TEXAS UTILITIES CO	
	LAKE PAULINE NO. 1	RETIRE	19	FOSSIL STM	NAT GAS	NO. 5 OIL	CEN & SW:WEST TEXAS UTILITIES CO	
MARCH	MOUNTAIN CREEK NO. 6	RETIRE	115	FOSSIL STM	NAT GAS	NO. 1 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO	1
MAY	MISSION ROAD NO. 1	RETIRE	20	FOSSIL STM	NAT GAS	OIL	SAN ANTONIO PUBLIC SERVICE CO	
DEC.	SEAHOLM NO. 5	RETIRE	20	FOSSIL STM	NAT GAS	NO. 5 OIL	AUSTIN ELECTRIC DEPT	
	SEAHOLM NO. 6	RETIRE	20	FOSSIL STM	NAT GAS	NO. 5 OIL	AUSTIN ELECTRIC DEPT	
	NUECES BAY NO. 3	RETIRE	17	FOSSIL STM	NAT GAS	NO. 1 OIL	CEN & SW:CENTRAL POWER & LIGHT CO	
	NUECES BAY NO. 4	RETIRE	17	FOSSIL STM	NAT GAS	NO. 1 OIL	CEN & SW:CENTRAL POWER & LIGHT CO	
1982								
JAN.	HANDLEY NO. 1	RETIRE	45	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	FOREST GROVE NO. 1	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS ELEC SERVICE CO	9
	GIBBONS CREEK NO. 1	NEW	400	FOSSIL STM	LIGNITE	NONE	TEXAS MUNICIPAL POWER POOL	
FEB.	DALLAS NO. 9	RETIRE	70	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO	1
MARCH	SOUTH TEXAS NO. 2	NEW	1250	NUC (PWR)	URANIUM	NONE	HOUSTON LIGHTING & POWER CO	7
OCT.	MORGAN CREEK NO. 6	DERATE TO ZERO		FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	10
DEC.	COMANCHE PEAK NO. 2	NEW	1150	NUC (PWR)	URANIUM	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	8

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---	
1983 ----								
JAN.	MORGAN CREEK NO. 2	RETIRE	22	FOSSIL STM	NAT GAS NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1	
FEB.	MARTIN LAKE NO. 4	NEW	750	FOSSIL STM	LIGNITE NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	4	
APRIL	UNSITEO COAL NO. 1 MORGAN CREEK NO. 6	NEW UPRATE TO	347 460	FOSSIL STM FOSSIL STM	LIGNITE COAL NONE	HOUSTON LIGHTING & POWER CO TEXAS UTIL:TEXAS ELEC SERVICE CO	11	
MAY	DALLAS NO. 3	RETIRE	75	FOSSIL STM	NAT GAS NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO	1	
DEC.	TRINIDAD NO. 5	RETIRE	70	FOSSIL STM	NAT GAS NO. 1 OIL	TEXAS UTIL:TEXAS POWER & LIGHT CO	1	
1984 ----								
JAN.	HANDLEY NO. 2 MORGAN CREEK NO. 3 PERMIAN BASIN NO. 1 PERMIAN BASIN NO. 2 TWIN OAK NO. 1	RETIRE RETIRE RETIRE RETIRE NEW	80 44 13 13 750	FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM	NAT GAS NAT GAS NAT GAS NAT GAS LIGNITE	NO. 5 OIL NO. 5 OIL NO. 5 OIL NO. 5 OIL NONE	TEXAS UTIL:TEXAS ELEC SERVICE CO TEXAS UTIL:TEXAS ELEC SERVICE CO TEXAS UTIL:TEXAS ELEC SERVICE CO TEXAS UTIL:TEXAS ELEC SERVICE CO TEXAS UTIL:TEXAS POWER & LIGHT CO	1 1 1 1 12
APRIL	UNSITEO COAL NO. 2	NEW	347	FOSSIL STM	LIGNITE	NONE	HOUSTON LIGHTING & POWER CO	
MAY	MISSION ROAD NO. 2	RETIRE	20	FOSSIL STM	NAT GAS	OIL	SAN ANTONIO PUBLIC SERVICE BD	
JUNE	UNSITEO NO. 1 UNSITEO	NEW NEW	300 200	FOSSIL STM FOSSIL STM	LIGNITE COAL	NONE NONE	LOWER COLORADO RIVER AUTHORITY TEXAS MUNICIPAL POWER POOL	
OCT.	DE CORDOVA NO. 1	OPERATE TO ZERO		FOSSIL STM	NAT GAS	NO. 1 OIL	TEXAS UTIL:TEXAS POWER & LIGHT CO	13
DEC.	LA PALMA NO. 4 LA PALMA NO. 5 LAKE CREEK NO. 1 COLLIN NO. 2	RETIRE RETIRE RETIRE RETIRE	27 27 87 153	FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM	NAT GAS NAT GAS NAT GAS NAT GAS	NO. 1 OIL NO. 1 OIL NO. 1 OIL NO. 1 OIL	CEN & SW:CENTRAL POWER & LIGHT CO CEN & SW:CENTRAL POWER & LIGHT CO TEXAS UTIL:TEXAS POWER & LIGHT CO TEXAS UTIL:TEXAS POWER & LIGHT CO	1 1 1 1

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	----- FUEL PRIMARY	----- ALTERNATE	SYSTEM NAME	NOTE NO.
1985								
JAN.	MORGAN CREEK NO. 4	RETIRE	70	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	PERMIAN BASIN NO. 3	RETIRE	13	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	PERMIAN BASIN NO. 4	RETIRE	13	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	EAGLE MOUNTAIN NO. 1	RETIRE	115	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	NORTH MAIN NO. 2	RETIRE	80	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	1
	TWIN OAK NO. 2	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	12
MARCH	ALLENS CREEK NO. 1	NEW	1130	NUC (BWR)	URANIUM	NONE	HOUSTON LIGHTING & POWER CO	
APRIL	DE CORDOVA NO. 1	UPRATE TO	713	FOSSIL STM	COAL	NONE	TEXAS UTIL:TEXAS POWER & LIGHT CO	14
MAY	LEON CREEK NO. 1	RETIRE	26	FOSSIL STM	NAT GAS	OIL	SAN ANTONIO PUBLIC SERVICE BD	
DEC.	SEAHOLM NO. 7	RETIRE	20	FOSSIL STM	NAT GAS	NO. 5 OIL	AUSTIN ELECTRIC DEPT	
	SEAHOLM NO. 8	RETIRE	20	FOSSIL STM	NAT GAS	NO. 5 OIL	AUSTIN ELECTRIC DEPT	
1986								
JAN.	MORGAN CREEK NO. 5	RETIRE	175	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	
	UNSIDED COAL NO. 1	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS ELEC SERVICE CO	15
	ABILENE NO. 3	RETIRE	8	FOSSIL STM	NAT GAS	NO. 5 OIL	CEN & SW:WEST TEXAS UTILITIES CO	
	ABILENE NO. 4	RETIRE	18	FOSSIL STM	NAT GAS	NO. 5 OIL	CEN & SW:WEST TEXAS UTILITIES CO	
MARCH	UNSIDED COAL NO. 2	NEW	750	FOSSIL STM	COAL	NONE	HOUSTON LIGHTING & POWER CO	
JUNE	PARKDALE NO. 1	RETIRE	87	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO	1
	UNSPECIFIED NO. 2	NEW	200	FOSSIL STM	COAL	NONE	TEXAS MUNICIPAL POWER POOL	
1987								
JAN.	LAKE DIVERSION=KEMP NO. 1	NEW	123	FOSSIL STM	SUB=BITUM	NONE	CEN & SW:CENTRAL POWER & LIGHT CO	16
	UNSIDED COAL NO. 2	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS ELEC SERVICE CO	15
	UNSIDED COAL NO. 3	NEW	750	FOSSIL STM	LIGNITE	NONE	TEXAS UTIL:TEXAS ELEC SERVICE CO	15

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1987 -----								
FEB.	PARKDALE NO. 2	RETIRE	115	FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:DALLAS POWER & LIGHT CO	1
MAY	LEON CREEK NO. 2	RETIRE	26	FOSSIL STM	NAT GAS	OIL	SAN ANTONIO PUBLIC SERVICE BD	
OCT.	PERMIAN BASIN NO. 6	DERATE TO ZERO		FOSSIL STM	NAT GAS	NO. 5 OIL	TEXAS UTIL:TEXAS ELEC SERVICE CO	17
DEC.	RIVER CREST NO. 1	RETIRE	110	FOSSIL STM	NAT GAS	NO. 1 OIL	TEXAS UTIL:TEXAS POWER & LIGHT CO	

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ELECTRIC RELIABILITY COUNCIL OF TEXAS (ERCOT)

- 1 DOE STAFF DETERMINED THE NAMES OF THE RETIRING UNITS WHICH WERE UNSPECIFIED IN REPORT BY COMPARING UNIT CAPABILITY AND LOCATION CODE WITH THE LIST OF EXISTING UNITS.
- 2 UNIT JOINTLY OWNED BY TEXAS POWER & LIGHT COMPANY (450 MW), TEXAS ELECTRIC SERVICE COMPANY (150 MW), AND DALLAS POWER & LIGHT COMPANY (150 MW).
- 3 UNIT JOINTLY OWNED BY TEXAS POWER & LIGHT COMPANY (375 MW) AND TEXAS ELECTRIC SERVICE COMPANY (375 MW).
- 4 UNIT JOINTLY OWNED BY TEXAS POWER & LIGHT COMPANY (225 MW), TEXAS ELECTRIC SERVICE COMPANY (337 MW), AND DALLAS POWER & LIGHT COMPANY (188 MW).
- 5 UNIT JOINTLY OWNED BY LOWER COLORADO RIVER AUTHORITY (275 MW) AND THE CITY OF AUSTIN (275 MW).
- 6 UNIT JOINTLY OWNED BY SOUTH TEXAS & MEDINA ELECTRIC COOPERATIVES POOL (200 MW) AND BRAZOS ELECTRIC POWER COOP. (200 MW).
- 7 UNIT JOINTLY OWNED BY HOUSTON LIGHTING & POWER COMPANY (385 MW), CITY PUBLIC SERVICE OF SAN ANTONIO (350 MW), CENTRAL POWER & LIGHT COMPANY (315 MW), AND CITY OF AUSTIN (200 MW).
- 8 UNIT JOINTLY OWNED BY TEXAS POWER & LIGHT COMPANY (383 MW), TEXAS ELECTRIC SERVICE COMPANY (384 MW), AND DALLAS POWER & LIGHT COMPANY (383 MW). SALE OF 115 MW BY DALLAS IS PENDING, PURCHASER NOT NAMED.
- 9 UNIT JOINTLY OWNED BY TEXAS ELECTRIC SERVICE COMPANY (450 MW), TEXAS POWER & LIGHT COMPANY (150 MW) AND DALLAS POWER & LIGHT COMPANY (150 MW).
- 10 GENERATING UNIT REMOVED FROM SERVICE FOR FUEL CONVERSION. UNIT WAS 500 MW.
- 11 GENERATING UNIT FUEL CONVERSION COMPLETED AND UNIT PLACED ON ACTIVE STATUS. UNIT WAS 500 MW PRIOR TO REBUILDING.
- 12 UNIT JOINTLY OWNED BY TEXAS POWER & LIGHT COMPANY (563 MW) AND AN UNSPECIFIED INDUSTRIAL CUSTOMER (187 MW).
- 13 GENERATING UNIT REMOVED FROM SERVICE FOR FUEL CONVERSION. UNIT WAS 775 MW.

AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
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ELECTRIC RELIABILITY COUNCIL OF TEXAS (ERCOT)

- 14 GENERATING UNIT FUEL CONVERSION COMPLETED AND UNIT PLACED ON ACTIVE STATUS. UNIT WAS 775 MW PRIOR TO REBUILDING.
- 15 UNIT JOINTLY OWNED BY TEXAS ELECTRIC SERVICE COMPANY (300 MW), TEXAS POWER & LIGHT COMPANY (262 MW), AND DALLAS POWER & LIGHT COMPANY (188 MW).
- 16 UNIT JOINTLY OWNED BY WEST TEXAS UTILITIES (50 MW) AND CENTRAL POWER & LIGHT CO. (73 MW).
- 17 GENERATING UNIT (540 MW) REMOVED FROM SERVICE FOR REBUILDING. REBUILDING MAY BE FOR CONVERSION FROM NATURAL GAS TO COAL.

PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987
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MID-ATLANTIC AREA COUNCIL (MAAC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	I----- FUEL -----I PRIMARY ALTERNATE	SYSTEM NAME	NOTE NO.
1978 ----							
JAN.	GILBERT NO. 8	NEW	126	COMBIN CYC	NO. 6 OIL NONE	GPU;JERSEY CENTRAL POWER & LIGHT CO	1
FEB.	EASTON NO. 21	NEW	6	DIESEL	NO. 2 OIL NONE	EASTON UTILITIES COMM., THE (MD)	
	EASTON NO. 22	NEW	7	DIESEL	NO. 2 OIL NONE	EASTON UTILITIES COMM., THE (MD)	
	HOMER CITY NO. 3	UPRATE TO	325	FOSSIL STM	BITUMINOUS NONE	GPU;PENNSYLVANIA ELECTRIC CO	2
MARCH	RICHMOND NO. 12	DERATE TO ZERO		FOSSIL STM	NO. 6 OIL NONE	PHILADELPHIA ELECTRIC COMPANY	3
	BURLINGTON NO. 5	DERATE TO ZERO		FOSSIL STM	NO. 6 OIL NONE	PUBLIC SERVICE ELEC AND GAS CO	4
	ESSEX NO. 1	DERATE TO ZERO		COMB TURB	NO. 6 OIL NONE	PUBLIC SERVICE ELEC AND GAS CO	5
MAY	EASTON NO. 3	RETIRE	1	DIESEL	NO. 2 OIL NONE	EASTON UTILITIES COMM., THE (MD)	
	PLYMOUTH MEET. 1,2&3	RETIRE	6	DIESEL	NO. 2 OIL NONE	PHILADELPHIA ELECTRIC COMPANY	
	THREE MILE ISLAND NO. 2	NEW	880	NUC (PWR)	URANIUM NONE	GPU;METROPOLITAN EDISON CO	
N. R.	POTOMAC NO. 3	DERATE TO	101	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	6
	POTOMAC NO. 4	DERATE TO	101	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	7
	POTOMAC NO. 5	DERATE TO	101	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	7
1979 ----							
MAY	SALEM NO. 2	NEW	1115	NUC (PWR)	URANIUM NONE	PUBLIC SERVICE ELEC AND GAS CO	8
JUNE	BURLINGTON NO. 6	DERATE TO ZERO		FOSSIL STM	NO. 6 OIL NONE	PUBLIC SERVICE ELEC AND GAS CO	9
N. R.	POTOMAC NO. 1	DERATE TO	84	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	6
	POTOMAC NO. 2	DERATE TO	64	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	6
	DICKERSON NO. 1	DERATE TO	177	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	10
	DICKERSON NO. 2	DERATE TO	178	FOSSIL STM	BITUMINOUS NONE	POTOMAC ELECTRIC POWER CO	10
1980 ----							
MAY	INDIAN RIVER NO. 4	NEW	400	FOSSIL STM	BITUMINOUS NONE	DELMARVA POWER & LIGHT COMPANY	
	FRONT STREET 2 & 3	RETIRE	35	FOSSIL STM	BITUMINOUS NONE	GPU;PENNSYLVANIA ELECTRIC CO	

PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987

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MID-ATLANTIC AREA COUNCIL (MAAC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1981								
FEB.	SUSQUEHANNA NO. 1	NEW	1050	NUC (BWR)	URANIUM	NONE	PENNSYLVANIA POWER & LIGHT CO	11
MAY	EASTON NO. 4	RETIRE	1	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	
	CROMBY NO. 1	OPERATE TO	146	FOSSIL STM	BITUMINOUS	NO. 6 OIL	PHILADELPHIA ELECTRIC COMPANY	12
	EDDYSTONE NO. 1	OPERATE TO	298	FOSSIL STM	BITUMINOUS	NONE	PHILADELPHIA ELECTRIC COMPANY	13
	EDDYSTONE NO. 2	OPERATE TO	324	FOSSIL STM	BITUMINOUS	NONE	PHILADELPHIA ELECTRIC COMPANY	14
	WARRIOR RIDGE	NEW	1	HYDRO	WATER	NONE	GPU;PENNSYLVANIA ELECTRIC CO	
	RAYSTOWN	NEW	30	HYDRO	WATER	NONE	GPU;PENNSYLVANIA ELECTRIC CO	
1982								
JAN.	WESTPORT NO. 1	RETIRE	19	FOSSIL STM	NO. 6 OIL	BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
	WESTPORT NO. 13	RETIRE	16	FOSSIL STM	NO. 6 OIL	BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
	WESTPORT NO. 14	RETIRE	16	FOSSIL STM	NO. 6 OIL	BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
	BRANDON SHORES NO. 1	NEW	610	FOSSIL STM	NO. 6 OIL	BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
MAY	EASTON 23 & 24	NEW	13	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	
	SUSQUEHANNA NO. 2	NEW	1050	NUC (BWR)	URANIUM	NONE	PENNSYLVANIA POWER & LIGHT CO	11
	CROMBY NO. 1	OPERATE TO	143	FOSSIL STM	BITUMINOUS	NO. 6 OIL	PHILADELPHIA ELECTRIC COMPANY	13
	CROMBY NO. 2	OPERATE TO	198	FOSSIL STM	BITUMINOUS	NONE	PHILADELPHIA ELECTRIC COMPANY	13
	BURLINGTON NO. 6	UPRATE TO	120	FOSSIL STM	NO. 6 OIL	NONE	PUBLIC SERVICE ELEC AND GAS CO	15
N. R.	CHALK POINT NO. 4	NEW	600	FOSSIL STM	NO. 6 OIL	NONE	POTOMAC ELECTRIC POWER CO	
	CHALK POINT NO. 1	OPERATE TO	326	FOSSIL STM	BITUMINOUS	NO. 6 OIL	POTOMAC ELECTRIC POWER CO	12
	CHALK POINT NO. 2	OPERATE TO	326	FOSSIL STM	BITUMINOUS	NO. 6 OIL	POTOMAC ELECTRIC POWER CO	12
1983								
MAY	LIMERICK NO. 1	NEW	1055	NUC (BWR)	URANIUM	NONE	PHILADELPHIA ELECTRIC COMPANY	
	BURLINGTON NO. 5	UPRATE TO	115	FOSSIL STM	NO. 6 OIL	NONE	PUBLIC SERVICE ELEC AND GAS CO	15
	ESSEX NO. 1	UPRATE TO	104	FOSSIL STM	NO. 6 OIL	NONE	PUBLIC SERVICE ELEC AND GAS CO	15
	WILLIAMSBURG NO. 5	RETIRE	33	FOSSIL STM	BITUMINOUS	NONE	GPU;PENNSYLVANIA ELECTRIC CO	
	FORKED RIVER NO. 1	NEW	1120	NUC (FWR)	URANIUM	NONE	GPU;JERSEY CENTRAL POWER & LIGHT CO	

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MID-ATLANTIC AREA COUNCIL (MAAC)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1984 ----							
JAN.	BRANDON SHORES NO. 2	NEW	610	FOSSIL STM	NO. 6 OIL BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
MAY	EASTON NO. 7 SEWARD NO. 7	DERATE TO NEW	2 625	DIESEL FOSSIL STM	NO. 2 OIL NONE BITUMINOUS NONE	EASTON UTILITIES COMM., THE (MD) GPU: PENNSYLVANIA ELECTRIC CO	6
SEPT.	HOPE CREEK NO. 1	NEW	1067	NUC (BWR)	URANIUM NONE	PUBLIC SERVICE ELEC AND GAS CO	16
OCT.	BURLINGTON NO. 5 BURLINGTON NO. 6 ESSEX NO. 1	RETIRE RETIRE RETIRE	115 120 104	FOSSIL STM FOSSIL STM FOSSIL STM	NO. 6 OIL NONE NO. 6 OIL NONE NO. 6 OIL NONE	PUBLIC SERVICE ELEC AND GAS CO PUBLIC SERVICE ELEC AND GAS CO PUBLIC SERVICE ELEC AND GAS CO	
1985 ----							
MAY	UNSIDED CHESTER 5 & 6 LIMERICK NO. 2 SAYREVILLE 1-3 GILBERT NO. 1 GILBERT NO. 2	NEW RETIRE NEW DERATE TO ZERO DERATE TO ZERO DERATE TO ZERO	100 124 1055	UNREPORTED FOSSIL STM NUC (BWR) FOSSIL STM FOSSIL STM FOSSIL STM	UNREPORTED NONE NO. 6 OIL NAT GAS URANIUM NONE NO. 6 OIL NAT GAS NO. 6 OIL NAT GAS NO. 6 OIL NAT GAS	DELMARVA POWER & LIGHT COMPANY PHILADELPHIA ELECTRIC COMPANY PHILADELPHIA ELECTRIC COMPANY GPU: JERSEY CENTRAL POWER & LIGHT CO GPU: JERSEY CENTRAL POWER & LIGHT CO GPU: JERSEY CENTRAL POWER & LIGHT CO	17 18 19
SEPT.	SAFE HARBOR	NEW	188	HYDRO	WATER NONE	BALTIMORE GAS & ELECTRIC CO	17
OCT.	KEARNEY NO. 7 KEARNEY NO. 8	RETIRE RETIRE	142 146	FOSSIL STM FOSSIL STM	NO. 6 OIL NONE NO. 6 OIL NONE	PUBLIC SERVICE ELEC AND GAS CO PUBLIC SERVICE ELEC AND GAS CO	
N. R.	DICKERSON NO. 4	NEW	800	FOSSIL STM	COAL NONE	POTOMAC ELECTRIC POWER CO	20
1986 ----							
JAN.	EDGE MOOR NO. 2	RETIRE	70	FOSSIL STM	NO. 6 OIL NONE	DELMARVA POWER & LIGHT COMPANY	
MAY	EASTON NO. 25 EASTON NO. 26	NEW NEW	6 6	DIESEL DIESEL	NO. 2 OIL NONE NO. 2 OIL NONE	EASTON UTILITIES COMM., THE (MD) EASTON UTILITIES COMM., THE (MD)	

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MID-ATLANTIC AREA COUNCIL (MAAC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY	FUEL ALTERNATE	SYSTEM NAME	NOTE NO.
1986								
MAY	EASTON NO. 27	NEW	6	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	
	EASTON NO. 28	NEW	7	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	
	HOPE CREEK NO. 2	NEW	1067	NUC (BWR)	URANIUM	NONE	PUBLIC SERVICE ELEC AND GAS CO	21
	COHO NO. 1	NEW	625	FOSSIL STM	BITUMINOUS	NONE	GPU;PENNSYLVANIA ELECTRIC CO	
1987								
JAN.	WESTPORT NO. 3	RETIRE	58	FOSSIL STM	NO. 6 OIL	BITUMINOUS	BALTIMORE GAS & ELECTRIC CO	
	EDGE MOOR NO. 1	RETIRE	70	FOSSIL STM	NO. 6 OIL	NONE	DELMARVA POWER & LIGHT COMPANY	
	VIENNA NO. 5	RETIRE	17	FOSSIL STM	NO. 6 OIL	NONE	DELMARVA POWER & LIGHT COMPANY	
	VIENNA NO. 6	RETIRE	17	FOSSIL STM	NO. 6 OIL	NONE	DELMARVA POWER & LIGHT COMPANY	
MAY	VIENNA NO. 9	NEW	400	FOSSIL STM	BITUMINOUS	NONE	DELMARVA POWER & LIGHT COMPANY	
	EASTON NO. 5	RETIRE	1	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	
	EASTON NO. 8	DERATE TO	2	DIESEL	NO. 2 OIL	NONE	EASTON UTILITIES COMM., THE (MD)	6
	HARRISBURG NO. 1	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	WILLIAMSPORT NO. 1	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	HARWOOD NO. 1	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	ALLENTOWN NO. 1	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	JENKINS NO. 1	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	HARWOOD NO. 2	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	JENKINS NO. 2	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	ALLENTOWN NO. 2	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	WILLIAMSPORT NO. 2	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	HARRISBURG NO. 2	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	HARRISBURG NO. 3	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	ALLENTOWN NO. 3	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	ALLENTOWN NO. 4	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	HARRISBURG NO. 4	RETIRE	14	COMB TURB	NO. 2 OIL	NONE	PENNSYLVANIA POWER & LIGHT CO	
	SEWARD NO. 3	RETIRE	18	FOSSIL STM	BITUMINOUS	NO. 6 OIL	GPU;PENNSYLVANIA ELECTRIC CO	
	PORTLAND NO. 3	RETIRE	15	COMB TURB	NO. 2 OIL	NAT GAS	GPU;PENNSYLVANIA ELECTRIC CO	
	TITUS NO. 4	RETIRE	15	COMB TURB	NO. 2 OIL	NAT GAS	GPU;PENNSYLVANIA ELECTRIC CO	
	DEEPWATER	NEW	300	FOSSIL STM	BITUMINOUS	NONE	ATLANTIC CITY ELECTRIC CO	

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MID-ATLANTIC AREA COUNCIL (MAAC)

- 1 THIS UNIT UPATED 35 MW.
- 2 UNIT (LOCATED IN PENNSYLVANIA) JOINTLY OWNED BY PENNSYLVANIA ELECTRIC COMPANY (325 MW) AND NEW YORK STATE ELECTRIC & GAS CORP., AN NPCC SYSTEM, (325 MW). UNIT UPATED 175 MW.
- 3 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 108 MW.
- 4 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 115 MW.
- 5 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 104 MW.
- 6 THIS UNIT DERATED 1 MW.
- 7 THIS UNIT DERATED 2 MW.
- 8 PARTICIPATING MEMBERS AND SHARES ARE AS FOLLOWS: PUBLIC SERVICE ELECTRIC & GAS COMPANY (475 MW), PHILADELPHIA ELECTRIC COMPANY (474 MW), ATLANTIC CITY ELECTRIC COMPANY (83 MW), DELMARVA POWER & LIGHT COMPANY (83 MW).
- 9 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 120 MW.
- 10 THIS UNIT DERATED 5 MW.
- 11 UNIT JOINTLY OWNED BY PENNSYLVANIA POWER & LIGHT COMPANY (945 MW) AND ALLEGHENY ELECTRIC COOPERATIVE (105 MW).
- 12 THIS UNIT DERATED 4 MW.
- 13 THIS UNIT DERATED 3 MW.
- 14 THIS UNIT DERATED 10 MW.

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MID-ATLANTIC AREA COUNCIL (MAAC)

- 15 UNIT REMOVED FROM INACTIVE RESERVE AND PLACED ON ACTIVE STATUS.
- 16 UNIT JOINTLY OWNED BY PUBLIC SERVICE ELECTRIC & GAS COMPANY (1014 MW) AND ATLANTIC CITY ELECTRIC COMPANY (53 MW).
- 17 GENERATING UNITS REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. THESE UNITS HAD A TOTAL OF 84 MW.
- 18 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 10 MW.
- 19 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 35 MW.
- 20 UNIT JOINTLY OWNED BY POTOMAC ELECTRIC POWER COMPANY (400 MW) AND BALTIMORE GAS & ELECTRIC COMPANY (400 MW).
- 21 UNIT JOINTLY OWNED BY PUBLIC SERVICE ELECTRIC & GAS COMPANY (1013 MW) AND ATLANTIC CITY ELECTRIC COMPANY (53 MW).

PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987
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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1978 ----								
JAN.	PRESQUE ISLE NO. 9	NEW	80	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
MARCH	COLUMBIA NO. 2	NEW	527	FOSSIL STM	SUB-BITUM	NONE	WISCONSIN POWER & LIGHT CO	1
APRIL	WAUKEGAN NO. 5	RETIRE	122	FOSSIL STM	SUB-BITUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	STATELINE NO. 1	RETIRE	171	FOSSIL STM	SUB-BITUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	JOLIET NO. 5	RETIRE	85	FOSSIL STM	SUB-BITUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	FISK NO. 18	RETIRE	119	FOSSIL STM	SUB-BITUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	COLLINS NO. 1	NEW	515	FOSSIL STM	NO. 6 OIL	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
MAY	MEXICO NO. 1	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
	MOBERLY NO. 1	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
	MOREAU NO. 1	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
JUNE	HAVANA NO. 6	NEW	450	FOSSIL STM	BITUMINOUS	NONE	ILLINOIS POWER COMPANY	
	MARION NO. 4	NEW	160	FOSSIL STM	COAL	NONE	SOUTHERN ILLINOIS POWER COOP	
	DALLMAN NO. 3	NEW	180	FOSSIL STM	COAL	NONE	SPRINGFIELD, CITY OF (IL)	
JULY	GERMANTOWN NO. 1	NEW	53	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
	GERMANTOWN NO. 2	NEW	53	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
	GERMANTOWN NO. 3	NEW	53	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
	GERMANTOWN NO. 4	NEW	53	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
OCT.	DIXON NO. 4	RETIRE	50	FOSSIL STM	BITUMINOUS	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	DIXON NO. 5	RETIRE	65	FOSSIL STM	BITUMINOUS	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
	COLLINS NO. 4	NEW	505	FOSSIL STM	NO. 6 OIL	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
1979 ----								
JAN.	PRESQUE ISLE NO. 8	NEW	80	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
APRIL	COLLINS NO. 5	NEW	505	FOSSIL STM	NO. 6 OIL	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
MAY	VENICE NO. 2	UPRATE TO	200	FOSSIL STM	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	2

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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1979 ----							
JUNE	EDGEWATER NO. 2	RETIRE	31	FOSSIL STM	SUB-BITUM NONE	WISCONSIN POWER & LIGHT CO	
SEPT.	LASALLE COUNTY NO. 1	NEW	1048	NUC (BWR)	URANIUM NONE	COMMONWEALTH EDISON COMPANY (ILL)	
OCT.	NEWTON NO. 1	DERATE TO	572	FOSSIL STM	COAL NONE	CENTRAL ILLINOIS PUBLIC SERVICE CO	3
DEC.	PLANT 4 CT NO. 1	NEW	23	COMB TURB	NO. 2 OIL NONE	MARQUETTE, CITY OF (MICH)	
1980 ----							
APRIL	PLEASANT PRAIRIE NO. 1	NEW	580	FOSSIL STM	SUB-BITUM NONE	WISCONSIN ELECTRIC POWER CO	
MAY	UNSIDED CT NO. 1	NEW	51	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 2	NEW	51	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
JUNE	UNSIDED CT NO. 1	NEW	44	COMB TURB	NO. 2 OIL NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	EDWARDS NO. 1	UPRATE TO	273	FOSSIL STM	COAL NONE	CENTRAL ILLINOIS LIGHT CO	4
	EDWARDS NO. 2	UPRATE TO	273	FOSSIL STM	COAL NONE	CENTRAL ILLINOIS LIGHT CO	4
SEPT.	LASALLE COUNTY NO. 2	NEW	1048	NUC (BWR)	URANIUM NONE	COMMONWEALTH EDISON COMPANY (ILL)	
OCT.	MEXICO NO. 3	RETIRE	21	FOSSIL STM	NAT GAS NONE	UNION ELECTRIC COMPANY (MO)	
1981 ----							
MARCH	NEWTON NO. 2	NEW	550	FOSSIL STM	COAL NONE	CENTRAL ILLINOIS PUBLIC SERVICE CO	
MAY	UNSIDED CT NO. 3	NEW	52	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 4	NEW	52	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 5	NEW	52	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 6	NEW	52	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 7	NEW	51	COMB TURB	NO. 2 OIL NONE	UNION ELECTRIC COMPANY (MO)	

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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY FUEL	ALTERNATE FUEL	SYSTEM NAME	NOTE NO.
1981								
JUNE	THOMAS HILL NO. 3	NEW	630	FOSSIL STM	BITUMINOUS	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
SEPT.	BYRON NO. 1	NEW	1120	NUC (PWR)	URANIUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
OCT.	BRAIDWOOD NO. 1	NEW	1090	NUC (PWR)	URANIUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	
DEC.	CLINTON NO. 1	NEW	475	NUC (BWR)	URANIUM	NONE	ILLINOIS POWER COMPANY	5
1982								
JAN.	UNSIDED COAL NO. 1 LAKESIDE	NEW RETIRE	80 261	FOSSIL STM FOSSIL STM	BITUMINOUS NO. 2 OIL	NONE NONE	UPPER PENINSULA POWER CO. (MICH) WISCONSIN ELECTRIC POWER CO	
MARCH	WESTON NO. 3	NEW	300	FOSSIL STM	SUB-BITUM	NONE	WISCONSIN PUBLIC SERVICE CORP	
APRIL	PLEASANT PRAIRIE NO. 2	NEW	580	FOSSIL STM	SUB-BITUM	NONE	WISCONSIN ELECTRIC POWER CO	
MAY	UNSIDED CT NO. 8 UNSIDED CT NO. 9 UNSIDED CT NO. 10 UNSIDED CT NO. 11 UNSIDED CT NO. 12 UNSIDED CT NO. 13	NEW NEW NEW NEW NEW NEW	55 55 55 55 55 55	COMB TURB COMB TURB COMB TURB COMB TURB COMB TURB COMB TURB	NO. 2 OIL NO. 2 OIL NO. 2 OIL NO. 2 OIL NO. 2 OIL NO. 2 OIL	NONE NONE NONE NONE NONE NONE	UNION ELECTRIC COMPANY (MO) UNION ELECTRIC COMPANY (MO) UNION ELECTRIC COMPANY (MO) UNION ELECTRIC COMPANY (MO) UNION ELECTRIC COMPANY (MO) UNION ELECTRIC COMPANY (MO)	
JUNE	DUCK CREEK NO. 2 COLUMBIA NO. 9 CLINTON NO. 1	NEW NEW UPRATE TO	400 25 950	FOSSIL STM COMB TURB NUC (BWR)	COAL NO. 2 OIL URANIUM	NONE NONE NONE	CENTRAL ILLINOIS LIGHT CO COLUMBIA WATER & LIGHT DEPT (MO) ILLINOIS POWER COMPANY	6
OCT.	BRAIDWOOD NO. 2 BYRON NO. 2 CALLAWAY NO. 1	NEW NEW NEW	1090 1120 1150	NUC (PWR) NUC (PWR) NUC (PWR)	URANIUM URANIUM URANIUM	NONE NONE NONE	COMMONWEALTH EDISON COMPANY (ILL) COMMONWEALTH EDISON COMPANY (ILL) UNION ELECTRIC COMPANY (MO)	
DEC.	SHIRAS NO. 3 PULLIAM NO. 1 PULLIAM NO. 2	NEW RETIRE RETIRE	40 8 8	FOSSIL STM FOSSIL STM FOSSIL STM	COAL NO. 2 OIL NO. 2 OIL	NONE NAT GAS NAT GAS	MARQUETTE, CITY OF (MICH) WISCONSIN PUBLIC SERVICE CORP WISCONSIN PUBLIC SERVICE CORP	

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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1983 ----								
JUNE	UNSITE CT NO. 2	NEW	55	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSITE CT NO. 3	NEW	55	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSITE CT NO. 4	NEW	55	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSITE CT NO. 5	NEW	56	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSITE CT NO. 6	NEW	56	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	FACTORY NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	SPRINGFIELD, CITY OF (IL)	
	EDGEWATER NO. 5	NEW	400	FOSSIL STM	SUB-BITUM	NONE	WISCONSIN POWER & LIGHT CO	
DEC.	BLACK FOX NO. 1	NEW	250	NUC (BWR)	URANIUM	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	7
1984 ----								
JAN.	BLOUNT STREET 1 & 2	RETIRE	9	FOSSIL STM	COAL	NAT GAS	MADISON GAS & ELECTRIC CO (WI)	
	UNSITE COAL NO. 2	NEW	80	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
JUNE	UNSITE COAL NO. 1	NEW	400	FOSSIL STM	COAL	NONE	WISCONSIN ELECTRIC POWER CO	
	UNSITE CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
OCT.	DOLLAR BAY NO. 1	NEW	40	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
1985 ----								
JAN.	UNSITE COAL NO. 3	NEW	40	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
JUNE	UNSITE	NEW	400	UNREPORTED	UNREPORTED	UNREPORTED	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	COLUMBIA NO. 10	NEW	25	COMB TURB	NO. 2 OIL	NONE	COLUMBIA WATER & LIGHT DEPT (MO)	
	UNSITE CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	ILLINOIS POWER COMPANY	
	UNSITE CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	ILLINOIS POWER COMPANY	
	UNSITE CT NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	ILLINOIS POWER COMPANY	
	UNSITE CT NO. 4	NEW	50	COMB TURB	NO. 2 OIL	NONE	ILLINOIS POWER COMPANY	
	PEARL STATION NO. 2	NEW	75	FOSSIL STM	BITUMINOUS	NONE	WESTERN ILLINOIS PWR COOP, INC	
	UNSITE COAL NO. 2	NEW	400	FOSSIL STM	COAL	NONE	WISCONSIN ELECTRIC POWER CO	8

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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I-		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1985 ----								
DEC.	BLACK FOX NO. 2	NEW	250	NUC (BWR)	URANIUM	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	7
1986 ----								
MAY	UNSIDED CT NO. 14	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 15	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
	UNSIDED CT NO. 16	NEW	55	COMB TURB	NO. 2 OIL	NONE	UNION ELECTRIC COMPANY (MO)	
JUNE	UNSIDED CT NO. 7	NEW	57	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSIDED CT NO. 8	NEW	57	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSIDED CT NO. 9	NEW	58	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSIDED CT NO. 10	NEW	58	COMB TURB	NO. 2 OIL	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	UNSIDED FOSSIL	NEW	450	FOSSIL STM	BITUMINOUS	NONE	ILLINOIS POWER COMPANY	
	UNSIDED COAL	NEW	180	FOSSIL STM	COAL	NONE	SPRINGFIELD, CITY OF (IL)	
	UNSIDED CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	
	WESTON NO. 4	NEW	300	FOSSIL STM	SUB-BITUM	NONE	WISCONSIN PUBLIC SERVICE CORP	
OCT.	UNSIDED FOSSIL NO. 1	NEW	550	FOSSIL STM	UNREPORTED	UNREPORTED	COMMONWEALTH EDISON COMPANY (ILL)	
1987 ----								
JAN.	UNSIDED COAL NO. 4	NEW	80	FOSSIL STM	BITUMINOUS	NONE	UPPER PENINSULA POWER CO. (MICH)	
MARCH	PLANT X	NEW	550	FOSSIL STM	COAL	NONE	CENTRAL ILLINOIS PUBLIC SERVICE CO	
APRIL	UNSIDED FOSSIL NO. 2	NEW	550	FOSSIL STM	UNREPORTED	UNREPORTED	COMMONWEALTH EDISON COMPANY (ILL)	
	CALLAWAY NO. 2	NEW	1150	NUC (PWR)	URANIUM	NONE	UNION ELECTRIC COMPANY (MO)	
JUNE	UNSIDED COAL	NEW	630	FOSSIL STM	BITUMINOUS	NONE	ASSOCIATED ELECTRIC COOP, INC. (MO)	
	COLUMBIA 2 & 4	DERATE TO ZERO		FOSSIL STM	COAL	NONE	COLUMBIA WATER & LIGHT DEPT (MO)	9
	HAVEN NO. 1	NEW	900	NUC (PWR)	URANIUM	NONE	WISCONSIN ELECTRIC POWER CO	10
	HAVEN CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	WISCONSIN ELECTRIC POWER CO	11

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MID-AMERICA INTERPOOL NETWORK (MAIN)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. --
					PRIMARY -----	ALTERNATE -----		
1987 ----								
OCT.	HUTSONVILLE NO. 1	RETIRE	28	FOSSIL STM	NO. 2 OIL	NONE	CENTRAL ILLINOIS PUBLIC SERVICE CO	
	HUTSONVILLE NO. 2	RETIRE	28	FOSSIL STM	NO. 2 OIL	NONE	CENTRAL ILLINOIS PUBLIC SERVICE CO	
	CARROLL COUNTY NO. 1	NEW	733	NUC (BWR)	URANIUM	NONE	COMMONWEALTH EDISON COMPANY (ILL)	12
	UNSITEO FOSSIL NO. 3	NEW	550	FOSSIL STM	UNREPORTED	UNREPORTED	COMMONWEALTH EDISON COMPANY (ILL)	

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MID-AMERICA INTERPOOL NETWORK (MAIN)

- 1 UNIT JOINTLY OWNED BY WISCONSIN POWER & LIGHT COMPANY (280 MW), WISCONSIN PUBLIC SERVICE CORP. (130 MW) AND MADISON GAS & ELECTRIC COMPANY (117 MW).
- 2 GENERATING UNIT REMOVED FROM INACTIVE RESERVE AND PLACED ON ACTIVE STATUS.
- 3 THIS UNIT DERATED 18 MW DUE TO SCRUBBER OPERATION.
- 4 THIS UNIT UPATED 62 MW.
- 5 UNIT JOINTLY OWNED BY ILLINOIS POWER COMPANY (380 MW), SOYLAND POWER COOPERATIVE (50 MW) AND WESTERN ILLINOIS POWER COOPERATIVE (45 MW).
- 6 THIS UNIT UPATED 475 MW TO CAPABILITY LISTED. UNIT SHARES AS GIVEN IN FOOTNOTE 5 ARE DOUBLED.
- 7 UNIT (LOCATED IN OKLAHOMA) JOINTLY OWNED BY PUBLIC SERVICE COMPANY OF OKLAHOMA (700 MW), ASSOCIATED ELECTRIC COOP. (250 MW) AND WESTERN FARMERS ELECTRIC COOP. (200 MW). FOR UNIT REPORTING PURPOSES THE UNIT IS ALSO LISTED UNDER SWPP WITH THE BALANCE OF CAPACITY (900 MW).
- 8 UNIT PLANNED AS A PARTICIPATION UNIT. OTHER PARTICIPANTS NOT IDENTIFIED AT THIS TIME.
- 9 GENERATING UNIT REMOVED FROM SERVICE HUT PLACED ON INACTIVE RESERVE. UNIT 2 WAS 7.5 MW. UNIT 4 WAS 4 MW.
- 10 UNIT JOINTLY OWNED BY WISCONSIN ELECTRIC POWER COMPANY (563 MW), WISCONSIN POWER & LIGHT COMPANY (172 MW) AND WISCONSIN PUBLIC SERVICE COMPANY (165 MW).
- 11 UNIT JOINTLY OWNED BY WISCONSIN ELECTRIC POWER COMPANY (31 MW), WISCONSIN POWER & LIGHT COMPANY (10 MW) AND WISCONSIN PUBLIC SERVICE COMPANY (9 MW).
- 12 UNIT (LOCATED IN ILLINOIS) JOINTLY OWNED BY COMMONWEALTH EDISON COMPANY (733 MW), IOWA-ILLINOIS GAS & ELECTRIC COMPANY (165 MW) AND INTERSTATE POWER CO. (202 MW). FOR UNIT REPORTING PURPOSES THE UNIT IS LISTED UNDER MAIN. THE BALANCE OF THE CAPACITY (367 MW) IS REPORTED UNDER MARCA.

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO, ---
					PRIMARY -----	ALTERNATE -----		
1978 ----								
JAN.	WEBSTER CITY NO. 5	DERATE TO ZERO		FOSSIL STM	BITUMINOUS	NONE	WEBSTER CITY MUN LT & PWR	1
MAY	SPIRIT MOUND NO. 1	NEW	60	COMB TURB	NO. 2 OIL	NONE	BASIN ELECTRIC PWR COOP, INC. (ND)	
	SPIRIT MOUND NO. 2	NEW	60	COMB TURB	NO. 2 OIL	NONE	BASIN ELECTRIC PWR COOP, INC. (ND)	
	ST. BONIFACIUS NO. 1	NEW	47	COMB TURB	NO. 2 OIL	NONE	COOPERATIVE POWER ASSOC. (MINN)	
	LANSING NO. 4	UPRATE TO	260	FOSSIL STM	SUB-BITUM	NONE	INTERSTATE POWER COMPANY	2
	SUTHERLAND CT NO. 1	NEW	53	COMB TURB	NO. 2 OIL	NONE	IOWA ELECTRIC LT & PWR CO	
	SUTHERLAND CT NO. 2	NEW	52	COMB TURB	NO. 2 OIL	NONE	IOWA ELECTRIC LT & PWR CO	
	SUTHERLAND CT NO. 3	NEW	52	COMB TURB	NO. 2 OIL	NONE	IOWA ELECTRIC LT & PWR CO	
	GEORGE NEAL NO. 3	UPRATE TO	520	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	3
	ELECTRIFARM NO. 3	NEW	68	COMB TURB	NO. 2 OIL	NONE	IOWA PUBLIC SERVICE CO	
	GRANITE CITY NO. 4	NEW	16	COMB TURB	NO. 2 OIL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	
	ABERDEEN CT NO. 1	NEW	20	COMB TURB	NO. 2 OIL	NONE	NORTHWESTERN PUBLIC SERVICE CO (SD)	
	CAMBRIDGE NO. 5	NEW	21	COMB TURB	NO. 2 OIL	NONE	UNITED POWER ASSOCIATION (MINN)	
	MAPLE LAKE NO. 5	NEW	21	COMB TURB	NO. 2 OIL	NONE	UNITED POWER ASSOCIATION (MINN)	
	PINE CITY NO. 3	NEW	21	COMB TURB	NO. 2 OIL	NONE	UNITED POWER ASSOCIATION (MINN)	
JUNE	COUNCIL BLUFFS NO. 3	NEW	650	FOSSIL STM	SUB-BITUM	NONE	IOWA POWER & LIGHT CO	
JULY	NORTH BROADWAY NO. 1	RETIRE	6	FOSSIL STM	BITUMINOUS	NONE	ROCHESTER, CITY OF ELEC DEPT (MN)	
	NORTH BROADWAY NO. 2	RETIRE	8	FOSSIL STM	BITUMINOUS	NONE	ROCHESTER, CITY OF ELEC DEPT (MN)	
NOV.	COAL CREEK NO. 1	NEW	469	FOSSIL STM	LIGNITE	NONE	COOPERATIVE POWER ASSOC. (MINN)	4
	LERFALD NO. 1	NEW	30	COMB TURB	NO. 2 OIL	NONE	MINNKOTA POWER COOP, INC	
	GORDON NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NEBRASKA PUBLIC POWER DISTRICT	
	ABERDEEN NO. 3	RETIRE	7	FOSSIL STM	SUB-BITUM	NAT GAS	NORTHWESTERN PUBLIC SERVICE CO (SD)	
	MITCHELL NO. 3	RETIRE	9	FOSSIL STM	SUB-BITUM	NAT GAS	NORTHWESTERN PUBLIC SERVICE CO (SD)	
	DANBURY CT NO. 1	NEW	7	COMB TURB	NO. 2 OIL	NONE	NORTHWESTERN WISCONSIN ELEC CO	
	LAKE PRESTON CT NO. 1	NEW	21	COMB TURB	NO. 2 OIL	NONE	OTTER TAIL POWER COMPANY (MINN)	
	APPLETON 1 & 2	RETIRE	2	DIESEL	NO. 2 OIL	NONE	OTTER TAIL POWER COMPANY (MINN)	
DEC.	ALBERT LEA	RETIRE	19	FOSSIL STM	NO. 6 OIL	NAT GAS	INTERSTATE POWER COMPANY	
N. R.	NEBRASKA CITY NO. 9	NEW	6	DIESEL	NAT GAS	OIL	NEBRASKA CITY UTILITIES	

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1979 ----								
JAN.	WRIGHT NO. 6	DERATE TO	15	FOSSIL STM	BITUMINOUS	NAT GAS	FREMONT DEPT OF UTILITIES (NE)	5
	WRIGHT NO. 7	DERATE TO	22	FOSSIL STM	BITUMINOUS	NAT GAS	FREMONT DEPT OF UTILITIES (NE)	5
	GENTLEMAN NO. 1	NEW	600	FOSSIL STM	SUB-BITUM	NONE	NEBRASKA PUBLIC POWER DISTRICT	
MAY	ALMA NO. 6	NEW	350	FOSSIL STM	BITUMINOUS	NONE	DAIRYLAND POWER COOPERATIVE (WI)	
	SIXTH STREET NO. 5	DERATE TO	5	FOSSIL STM	SUB-BITUM	NONE	IOWA ELECTRIC LT & PWR CO	5
	DUANE ARNOLD NO. 1	DERATE TO	464	NUC (BWR)	URANIUM	NONE	IOWA ELECTRIC LT & PWR CO	6
	RIVERSIDE NO. 1	RETIRE	24	FOSSIL STM	NAT GAS	NONE	IOWA-ILLINOIS GAS & ELECTRIC CO	
	GEORGE NEAL NO. 4	NEW	576	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	7
	GLENDIVE CT NO. 1	NEW	27	COMB TURB	NO. 2 OIL	NONE	MONTANA-DAKOTA UTILITIES CO	
	NEBRASKA CITY NO. 1	NEW	575	FOSSIL STM	SUB-BITUM	NONE	OMAHA PUBLIC POWER DISTRICT	
NOV.	COAL CREEK NO. 2	NEW	466	FOSSIL STM	LIGNITE	NONE	COOPERATIVE POWER ASSOC. (MINN)	8
	KIRK NO. 1	RETIRE	10	FOSSIL STM	NO. 2 OIL	NONE	IOWA PUBLIC SERVICE CO	
	KIRK NO. 5	RETIRE	8	FOSSIL STM	NO. 2 OIL	NONE	IOWA PUBLIC SERVICE CO	
1980 ----								
JAN.	LINCOLN K STREET NO. 2	RETIRE	4	FOSSIL STM	NO. 6 OIL	NONE	LINCOLN, CITY OF (NE)	
	LINCOLN K STREET NO. 3	RETIRE	18	FOSSIL STM	NO. 6 OIL	NONE	LINCOLN, CITY OF (NE)	
MAY	VALLEY CITY 1 & 2	RETIRE	3	DIESEL	NO. 2 OIL	NONE	BASIN ELECTRIC PWR COOP, INC. (ND)	
	CLAY BOSWELL NO. 4	NEW	500	FOSSIL STM	SUB-BITUM	NONE	MINNESOTA POWER & LIGHT CO	
	MUSCATINE CT NO. 1	NEW	25	COMB TURB	JET FUEL	KEROSENE	MUSCATINE, CITY OF (IA)	
SEPT.	LARAMIE RIVER NO. 2	NEW	500	FOSSIL STM	SUB-BITUM	NONE	LINCOLN, CITY OF (NE)	9
DEC.	OTTUMWA NO. 1	NEW	675	FOSSIL STM	SUB-BITUM	NONE	IOWA SOUTHERN UTILITIES CO	10
N. R.	NEBRASKA CITY NO. 10	NEW	8	DIESEL	NAT GAS	OIL	NEBRASKA CITY UTILITIES	

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1981 ----								
MAY	CARROLL NO. 1	RETIRE	5	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	
	CARROLL NO. 2	RETIRE	5	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	
	EAGLE GROVE NO. 1	RETIRE	8	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	
	HAWKEYE NO. 1	RETIRE	7	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	
	HAWKEYE NO. 2	RETIRE	10	FOSSIL STM	SUB-BITUM	NONE	IOWA PUBLIC SERVICE CO	
	GENTLEMAN NO. 2	NEW	600	FOSSIL STM	SUB-BITUM	NONE	NEBRASKA PUBLIC POWER DISTRICT	
	COYOTE NO. 1	NEW	412	FOSSIL STM	LIGNITE	NONE	OTTER TAIL POWER COMPANY (MINN)	11
NOV.	ANTELOPE VALLEY NO. 1	NEW	416	FOSSIL STM	LIGNITE	NONE	BASIN ELECTRIC PWR COOP, INC. (ND)	
N. R.	PLATTE NO. 1	NEW	100	FOSSIL STM	SUB-BITUM	NONE	GRAND ISLAND WATER & LT DEPT (NE)	
	HASTINGS ENERGY UNIT NO. 1	NEW	70	FOSSIL STM	SUB-BITUM	NONE	HASTINGS UTILITIES	
1982 ----								
MAY	SIXTH STREET NO. 2	DERATE TO	3	FOSSIL STM	SUB-BITUM	NONE	IOWA ELECTRIC LT & PWR CO	5
	MUSCATINE NO. 9	NEW	150	FOSSIL STM	BITUMINOUS	NONE	MUSCATINE, CITY OF (IA)	
DEC.	DODGE CENTER NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	DODGE CENTER NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	EXCELSIOR NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	EXCELSIOR NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	EXCELSIOR NO. 3	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	EXCELSIOR NO. 4	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	GLENWOOD NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	GLENWOOD NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	GLENWOOD NO. 3	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	GLENWOOD NO. 4	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	NEW RICHLAND NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	NEW RICHLAND NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	RED WING NO. 1	RETIRE	13	FOSSIL STM	COAL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	
	RED WING NO. 2	RETIRE	12	FOSSIL STM	COAL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	
	ST. JAMES NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	ST. JAMES NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	WILMARTH NO. 1	RETIRE	12	FOSSIL STM	COAL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	

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(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1982 ----								
DEC.	WILMARTH NO. 2	RETIRE	13	FOSSIL STM	COAL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	
	FRENCH ISLAND NO. 1	RETIRE	13	FOSSIL STM	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	FRENCH ISLAND NO. 2	RETIRE	15	FOSSIL STM	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
N. R.	HIBBING NO. 2	RETIRE	3	FOSSIL STM	SUB-BITUM	NONE	HIBBING PUBLIC UTILITIES COMM	
	HIBBING NO. 3	RETIRE	5	FOSSIL STM	SUB-BITUM	NONE	HIBBING PUBLIC UTILITIES COMM	
	HIBBING NO. 4	RETIRE	2	FOSSIL STM	SUB-BITUM	NONE	HIBBING PUBLIC UTILITIES COMM	
	HIBBING NO. 5	NEW	15	FOSSIL STM	SUB-BITUM	NONE	HIBBING PUBLIC UTILITIES COMM	
	WELLS NO. 6	NEW	5	DIESEL	NO. 2 OIL	NAT GAS	WELLS ELECTRIC ASSOCIATION	
1983 ----								
JAN.	LOUISA	NEW	650	FOSSIL STM	SUB-BITUM	NONE	IOWA-ILLINOIS GAS & ELECTRIC CO	12
MARCH	FREMONT NO. 4	NEW	4	FOSSIL STM	BITUMINOUS	NAT GAS	FREMONT DEPT OF UTILITIES (NE)	
	FREMONT NO. 5	NEW	10	FOSSIL STM	BITUMINOUS	NAT GAS	FREMONT DEPT OF UTILITIES (NE)	
MAY	SHERBURNE COUNTY NO. 3	NEW	800	FOSSIL STM	SUB-BITUM	NONE	NORTHERN STATES POWER CO. (MINN)	13
NOV.	ANTELOPE VALLEY NO. 2	NEW	416	FOSSIL STM	LIGNITE	NONE	BASIN ELECTRIC PWR COOP, INC. (ND)	
	WARROAD 1, 2 & 5	RETIRE	2	DIESEL	NO. 2 OIL	NONE	MINNKOTA POWER COOP, INC	
	UNSITE CT NO. 1	NEW	10	COMB TURB	NO. 2 OIL	NONE	NORTHWESTERN WISCONSIN ELEC CO	
DEC.	PIPESTONE NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	PIPESTONE NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	PIPESTONE NO. 3	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	TRACY NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	TRACY NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	VIROQUA NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
	VIROQUA NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
N. R.	NEBRASKA CITY NO. 11	NEW	8	DIESEL	NAT GAS	OIL	NEBRASKA CITY UTILITIES	

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(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---	
1984 ----								
JAN.	FOSSIL NO. 3	NEW	600	FOSSIL STM	SUB-BITUM NONE	NEBRASKA PUBLIC POWER DISTRICT		
NOV.	FINE LAKES NO. 1	NEW	800	FOSSIL STM	SUB-BITUM NONE	MINNESOTA POWER & LIGHT CO	14	
DEC.	HIGH BRIDGE NO. 3	RETIRE	41	FOSSIL STM	COAL NAT GAS	NORTHERN STATES POWER CO. (MINN)		
	HIGH BRIDGE NO. 4	RETIRE	37	FOSSIL STM	COAL NAT GAS	NORTHERN STATES POWER CO. (MINN)		
	RIVERSIDE NO. 1	RETIRE	23	FOSSIL STM	COAL NAT GAS	NORTHERN STATES POWER CO. (MINN)		
	RIVERSIDE NO. 2	RETIRE	21	FOSSIL STM	COAL NAT GAS	NORTHERN STATES POWER CO. (MINN)		
	RIVERSIDE NO. 6	RETIRE	67	FOSSIL STM	COAL NAT GAS	NORTHERN STATES POWER CO. (MINN)		
1985 ----								
MAY	SIXTH STREET NO. 8 TYRONE NO. 1	DERATE TO NEW	31 1100	FOSSIL STM NUC (PWR)	SUB-BITUM URANIUM	IOWA ELECTRIC LT & PWR CO NORTHERN STATES POWER CO. (MINN)	5 15	
1986 ----								
JAN.	WINSLOW NO. 2 WINSLOW NO. 3	RETIRE RETIRE	13 13	FOSSIL STM FOSSIL STM	NO. 6 OIL NO. 6 OIL	MINNESOTA POWER & LIGHT CO MINNESOTA POWER & LIGHT CO		
MAY	GLENDIVE NO. 1 GLENDIVE NO. 2 ELLEDALE NO. 1 ELLEDALE NO. 2 WILLISTON NO. 1 MOBRIDGE IC NO. 1 MOBRIDGE IC NO. 2 DAKOTA NO. 3 KNIFE RIVER NO. 1 KNIFE RIVER NO. 2 FOSSIL	RETIRE RETIRE RETIRE RETIRE RETIRE RETIRE RETIRE RETIRE RETIRE RETIRE NEW	3 3 2 1 2 1 1 8 3 3 120	FOSSIL STM FOSSIL STM DIESEL DIESEL FOSSIL STM DIESEL DIESEL FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM	NAT GAS NAT GAS NO. 2 OIL NO. 2 OIL NAT GAS NO. 2 OIL NO. 2 OIL LIGNITE LIGNITE LIGNITE LIGNITE	NO. 2 OIL NO. 2 OIL NONE NONE NO. 2 OIL NONE NONE NONE NONE NONE NONE	MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO MONTANA-DAKOTA UTILITIES CO	
DEC.	MOBILE NO. 1	RETIRE	1	DIESEL	NO. 2 OIL	NORTHERN STATES POWER CO. (MINN)		

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(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH ----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	FUEL PRIMARY -----	FUEL ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1986 ----								
DEC.	MOBILE NO. 2	RETIRE	1	DIESEL	NO. 2 OIL	NONE	NORTHERN STATES POWER CO. (MINN)	
N. R.	NEBRASKA CITY NO. 12	NEW	8	DIESEL	NAT GAS	OIL	NEBRASKA CITY UTILITIES	
1987 ----								
JAN.	HIBBARD NO. 1	RETIRE	25	FOSSIL STM	NO. 6 OIL	NONE	MINNESOTA POWER & LIGHT CO	
	HIBBARD NO. 2	RETIRE	25	FOSSIL STM	NO. 6 OIL	NONE	MINNESOTA POWER & LIGHT CO	
MAY	SOUTHERN MINNESOTA NO. 1	NEW	800	FOSSIL STM	BITUMINOUS	NONE	DAIRYLAND POWER COOPERATIVE (WI)	16
	SIXTH STREET NO. 8	RETIRE	30	FOSSIL STM	SUB-BITUM	NONE	IOWA ELECTRIC LT & PWR CO	5
	SHERBURNE COUNTY NO. 4	NEW	800	FOSSIL STM	SUB-BITUM	NONE	NORTHERN STATES POWER CO. (MINN)	13
OCT.	CARROLL COUNTY NO. 1	NEW	367	NUC (BWR)	URANIUM	NONE	INTERSTATE POWER COMPANY	17
NOV.	UNSIDED CT NO. 2	NEW	10	COMB TURB	NO. 2 OIL	NONE	NORTHWESTERN WISCONSIN ELEC CO	
DEC.	BLACKDOE NO. 1	RETIRE	64	FOSSIL STM	COAL	NAT GAS	NORTHERN STATES POWER CO. (MINN)	

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MID-CONTINENT AREA RELIABILITY COORDINATION AGREEMENT (MARCA)

- 1 GENERATING UNIT PLACED IN INACTIVE RESERVE. UNIT WAS 7 MW.
- 2 THIS UNIT UPATED 5 MW.
- 3 THIS UNIT UPATED 5 MW TO CAPABILITY LISTED. UNIT JOINTLY OWNED BY IOWA-ILLINOIS GAS & ELECTRIC COMPANY (150.8 MW), IOWA POWER & LIGHT COMPANY (119.6 MW), IOWA PUBLIC SERVICE COMPANY (104 MW), AND IOWA SOUTHERN UTILITIES COMPANY (145.6 MW).
- 4 UNIT JOINTLY OWNED BY COOPERATIVE POWER ASSOCIATION (254 MW) AND UNITED POWER ASSOCIATION (215 MW).
- 5 THIS UNIT DERATED 1 MW.
- 6 THIS UNIT DERATED 4 MW.
- 7 UNIT JOINTLY OWNED BY INTERSTATE POWER COMPANY (100 MW), IOWA PUBLIC SERVICE COMPANY & CORN BELT POWER COOPERATIVE (278 MW), NORTHWESTERN PUBLIC SERVICE COMPANY (50 MW), NORTHWEST IOWA POWER COOP (100 MW) AND VARIOUS MUNICIPALS. (48 MW).
- 8 UNIT JOINTLY OWNED BY COOPERATIVE POWER ASSOCIATION (251 MW) AND UNITED POWER ASSOCIATION (215 MW).
- 9 UNIT JOINTLY OWNED BY BASIN ELECTRIC POWER COOPERATIVE (174 MW), LINCOLN ELECTRIC SYSTEM (133 MW), MISSOURI BASIN MUNICIPAL POWER AGENCY (76 MW) AND HEARTLAND CONSUMERS POWER DISTRICT (117 MW).
- 10 UNIT JOINTLY OWNED BY IOWA SOUTHERN UTILITIES COMPANY (225 MW), IOWA PUBLIC SERVICE COMPANY (125 MW), IOWA-ILLINOIS GAS & ELECTRIC COMPANY (125 MW), IOWA POWER & LIGHT COMPANY (100 MW) AND IOWA ELECTRIC LIGHT & POWER COMPANY (100 MW).
- 11 UNIT JOINTLY OWNED BY MINNKOTA POWER COOPERATIVE, INC. (123 MW), MONTANA DAKOTA UTILITIES COMPANY (82 MW), NORTHWESTERN PUBLIC SERVICE COMPANY (41 MW), OTTER TAIL POWER COMPANY (144 MW) AND MINNESOTA POWER & LIGHT COMPANY (22 MW).
- 12 UNIT JOINTLY OWNED BY IOWA-ILLINOIS GAS & ELECTRIC COMPANY (300 MW), IOWA POWER & LIGHT COMPANY (211 MW), IOWA PUBLIC SERVICE COMPANY (100 MW), EASTERN IOWA LIGHT & POWER COMPANY (30 MW) AND VARIOUS MUNICIPALS (9 MW).

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MID-CONTINENT AREA RELIABILITY COORDINATION AGREEMENT (MARCA)

- 13 UNIT JOINTLY OWNED BY NORTHERN STATES POWER COMPANY (780 MW) AND LAKE SUPERIOR DISTRICT POWER COMPANY (20 MW).
- 14 UNIT JOINTLY OWNED BY MINNESOTA POWER & LIGHT COMPANY (550 MW) AND UNITED POWER ASSOCIATION (250 MW).
- 15 UNIT JOINTLY OWNED BY NORTHERN STATES POWER COMPANY (744 MW), COOPERATIVE POWER ASSOCIATION (191 MW), DAIRYLAND POWER COOPERATIVE (143 MW) AND LAKE SUPERIOR DISTRICT POWER COMPANY (22 MW).
- 16 UNIT JOINTLY OWNED BY COOPERATIVE POWER ASSOCIATION (200 MW) AND DAIRYLAND POWER COOPERATIVE (350 MW). OWNERSHIP OF THE REMAINING 250 MW HAS NOT YET BEEN ASSIGNED.
- 17 UNIT (LOCATED IN ILLINOIS) JOINTLY OWNED BY COMMONWEALTH EDISON COMPANY (733 MW), IOWA-ILLINOIS GAS & ELECTRIC COMPANY (165 MW) AND INTERSTATE POWER COMPANY (202 MW). FOR UNIT REPORTING PURPOSES THE UNIT IS ALSO LISTED UNDER IOWA. THE BALANCE OF THE CAPACITY (733 MW) IS REPORTED UNDER IOWA.

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NORTHEAST POWER COORDINATING COUNCIL (NPCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1978 ----								
JAN.	W F WYMAN NO. 1	UPRATE TO	56	FOSSIL STM	OIL	NONE	CENTRAL MAINE POWER COMPANY	1
FEB.	MILLSTONE NO. 2 NORTHPORT NO. 4	UPRATE TO	830	NUC (PWR)	URANIUM	NONE	NE UTIL:CONN. LIGHT & POWER CO	2
		UPRATE TO	383	FOSSIL STM	NO. 6 OIL	NONE	LONG ISLAND LIGHTING COMPANY	3
MARCH	EDGAR NO. 4	DERATE TO ZERO		FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	4
	MYSTIC NO. 6	UPRATE TO	155	FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	5
	S. A. CARLSON NO. 2	RETIRE	5	FOSSIL STM	COAL	NONE	JAMESTOWN BOARD OF PUB UTILITIES	
	S. A. CARLSON NO. 4	RETIRE	13	FOSSIL STM	COAL	NONE	JAMESTOWN BOARD OF PUB UTILITIES	
APRIL	EDGAR NO. 5	DERATE TO ZERO		FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	4
	SHREWSBURY NO. IC5	NEW	3	DIESEL	NO. 2 OIL	NONE	SHREWSBURY EL LT PLANT (MASS)	
MAY	EDGAR NO. 6	DERATE TO ZERO		FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	4
	UNSPEC. UPRATINGS NO. 1	UPRATE TO	29	COMB TURB	OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	6
	MITCHELL GARDENS NO. 1	NEW	16	FOSSIL STM	REFUSE	NO. 2 OIL	LONG ISLAND LIGHTING COMPANY	7
	MITCHELL GARDENS NO. 2	NEW	16	FOSSIL STM	REFUSE	NO. 2 OIL	LONG ISLAND LIGHTING COMPANY	7
	HOMER CITY NO. 3	UPRATE TO	325	FOSSIL STM	BITUMINOUS	NONE	NEW YORK STATE ELEC & GAS CORP	8
	INDIAN POINT NO. 3	UPRATE TO	965	NUC (PWR)	URANIUM	NONE	POWER AUTHORITY OF THE STATE OF NY	9
	GINNA NO. 1	UPRATE TO	470	NUC (PWR)	URANIUM	NONE	ROCHESTER GAS & ELEC CORP (NY)	10
SEPT.	FITZPATRICK NO. 1	UPRATE TO	821	NUC (BWR)	URANIUM	NONE	POWER AUTHORITY OF THE STATE OF NY	11
NOV.	UNSPEC. UPRATINGS NO. 2	UPRATE TO	17	COMB TURB	OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	12
	MAINE YANKEE NO. 1	UPRATE TO	828	NUC (PWR)	URANIUM	NONE	MAINE YANKEE ATOMIC POWER COMPANY	13
	ELDRED NO. 1	NEW	3	DIESEL	NO. 2 OIL	NONE	NEWPORT ELECTRIC CORPORATION (RI)	
DEC.	W F WYMAN NO. 4	NEW	600	FOSSIL STM	OIL	NONE	CENTRAL MAINE POWER COMPANY	
	HUDSON AVENUE NO. 2	RETIRE	17	FOSSIL STM	NO. 6 OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	
	HUDSON AVENUE NO. 3	RETIRE	17	FOSSIL STM	NO. 6 OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	
1979 ----								
FEB.	SOMERSET NO. 5	DERATE TO ZERO		FOSSIL STM	OIL	NONE	EASTERN UTILITIES ASSOC. (MASS)	14

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(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1979 ----								
MARCH	MYSTIC NO. 5	UPRATE TO	145	FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	15
MAY	ASTORIA NO. 3	UPRATE TO	378	FOSSIL STM	NO. 6 OIL	MULTIPLE	CONSOLIDATED EDISON CO OF N Y, INC	16
	ASTORIA NO. 5	UPRATE TO	387	FOSSIL STM	NO. 6 OIL	BITUMINOUS	CONSOLIDATED EDISON CO OF N Y, INC	17
	UNSPEC. UPRTINGS NO. 3	UPRATE TO	26	COMB TURB	OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	18
JUNE	EAST RIVER	UPRATE TO	130	FOSSIL STM	NO. 6 OIL	NAT GAS	CONSOLIDATED EDISON CO OF N Y, INC	19
NOV.	UNSPEC. UPRTINGS NO. 4	UPRATE TO	10	COMB TURB	OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	20
	SOMERSET NO. 5	UPRATE TO	73	FOSSIL STM	OIL	NONE	EASTERN UTILITIES ASSOC. (MASS)	21
	WEST HOWARD 1, 2 & 3	RETIRE	13	FOSSIL STM	OIL	NONE	NEWPORT ELECTRIC CORPORATION (RI)	
	OSWEGO NO. 6	NEW	850	FOSSIL STM	NO. 6 OIL	NONE	NIAGARA MOHAWK POWER CORP	22
	BEEBEE 1-3,6,8-11	DERATE TO	86	FOSSIL STM	NO. 2 OIL	NONE	ROCHESTER GAS & ELEC CORP (NY)	23
	VERNON (VT. YANKEE) NO. 1	UPRATE TO	512	NUC (BWR)	URANIUM	NONE	VERMONT YANKEE NUCLEAR POWER CO	24
DEC.	RAVENSWOOD NO. 3	UPRATE TO	972	FOSSIL STM	NO. 6 OIL	BITUMINOUS	CONSOLIDATED EDISON CO OF N Y, INC	25
1980 ----								
MARCH	MYSTIC NO. 4	UPRATE TO	145	FOSSIL STM	OIL	NONE	BOSTON EDISON COMPANY	26
MAY	INDIAN POINT NO. 2	UPRATE TO	858	NUC (PWR)	URANIUM	NONE	CONSOLIDATED EDISON CO OF N Y, INC	27
	GOHANUS 3 & 4	UPRATE TO	296	COMB TURB	NO. 2 OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	5
	INDIAN POINT NO. 3	UPRATE TO	1033	NUC (PWR)	URANIUM	NONE	POWER AUTHORITY OF THE STATE OF NY	28
JUNE	ASTORIA NO. 1	UPRATE TO	161	FOSSIL STM	NO. 6 OIL	MULTIPLE	CONSOLIDATED EDISON CO OF N Y, INC	29
SEPT.	SHOREHAM NO. 1	NEW	820	NUC (BWR)	URANIUM	NONE	LONG ISLAND LIGHTING COMPANY	
NOV.	UNSITE NO. 1	NEW	6	DIESEL	OIL	NONE	NEWPORT ELECTRIC CORPORATION (RI)	
DEC.	WATERSIDE NO. 7	DERATE TO ZERO		FOSSIL STM	NAT GAS	NONE	CONSOLIDATED EDISON CO OF N Y, INC	30
	UNSPEC. UPRTINGS NO. 5	UPRATE TO	41	COMB TURB	OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	31

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---	
1981 ----								
OCT.	MILTON NO. 1 RUTLAND NO. 1	RETIRE RETIRE	4 5	FOSSIL STM COMB TURB	NO. 6 OIL NO. 2 OIL	NONE NO. 6 OIL	CENTRAL VERMONT PUB SERV CORP CENTRAL VERMONT PUB SERV CORP	
NOV.	VARIOUS DIESELS BRUNSWICK/TOPSHAM NO. 1 STONYBROOK CC NO. 1	OPERATE TO NEW NEW	18 12 300	DIESEL HYDRO COMBIN CYC	OIL WATER JET FUEL	NONE NONE NONE	BANGOR HYDRO ELECTRIC CO CENTRAL MAINE POWER COMPANY MASS. MUN WHOLESALE ELEC CO	32
1982 ----								
AUG.	UNSITEF FUEL CELL	NEW	26	FUEL CELL	OIL	NONE	BOSTON EDISON COMPANY	
NOV.	UNSITEF NO. 2 GRANBY STONYBROOK CT PLAINVILLE NO. 1	NEW NEW NEW NEW	6 10 124 75	DIESEL HYDRO COMB TURB FOSSIL STM	OIL WATER NO. 2 OIL REFUSE	NONE NONE NONE NO. 2 OIL	NEWPORT ELECTRIC CORPORATION (RI) NIAGARA MOHAWK POWER CORP MASS. MUN WHOLESALE ELEC CO MASS. MUN WHOLESALE ELEC CO	
DEC.	SEABROOK NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	PUBLIC SERVICE CO OF NEW HAMPSHIRE	
1983 ----								
MARCH	S. A. CARLSON NO. 3	RETIRE	15	FOSSIL STM	BITUMINOUS	NONE	JAMESTOWN BOARD OF PUB UTILITIES	
NOV.	CABOT NO. 9 SOMERSET NO. 1 NINE MILE POINT NO. 2 TRENTON UNSITEF NO. 1	RETIRE NEW NEW NEW NEW	6 850 1080 9 75	FOSSIL STM FOSSIL STM NUC (BWR) HYDRO FOSSIL STM	NO. 6 OIL BITUMINOUS URANIUM WATER UNREPORTED	NAT GAS NONE NONE NONE UNREPORTED	HOLYOKE GAS & ELEC DEPT (MA) NEW YORK STATE ELEC & GAS CORP NIAGARA MOHAWK POWER CORP NIAGARA MOHAWK POWER CORP MASS. MUN WHOLESALE ELEC CO	33

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I-----FUEL-----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1984 ----								
MAY	DANSKAMMER NO. 1	RETIRE	69	FOSSIL STM	NO. 6 OIL	NONE	CENTRAL HUDSON GAS & ELEC CORP	
OCT.	RUTLAND NO. 2	RETIRE	6	COMB TURB	NO. 2 OIL	NO. 6 OIL	CENTRAL VERMONT PUB SERV CORP	
NOV.	UNSITED	NEW	25	COMB TURB	OIL	NONE	MAINE PUBLIC SERVICE CO	
	CANNON STREET CT NO. 1	NEW	69	COMB TURB	OIL	NONE	N ENG GAE INEW BEDFORD GAS&EDISON LT	
	UNION	NEW	2	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	
	UNSITED FOSSIL NO. 1 (a)	NEW	700	FOSSIL STM	BITUMINOUS	NO. 6 OIL	POWER AUTHORITY OF THE STATE OF NY	
	UNSITED NO. 2	NEW	157	COMBIN CYC	UNREPORTED	JET FUEL	MASS. MUN WHOLESALE ELEC CO	
DEC.	SEABROOK NO. 2	NEW	1150	NUC (PWR)	URANIUM	NONE	PUBLIC SERVICE CO OF NEW HAMPSHIRE	
1985 ----								
MAY	WEST TISBURY NO. 3	NEW	3	DIESEL	OIL	NONE	N ENG GAE INEW BEDFORD GAS&EDISON LT	
JUNE	PILGRIM NO. 2	NEW	1180	NUC (PWR)	URANIUM	NONE	BOSTON EDISON COMPANY	
NOV.	HUDSON FALLS	NEW	60	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	
	FT. EDWARD	NEW	10	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	
	DOLGEVILLE	NEW	3	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	
1986 ----								
MAY	MILLSTONE NO. 3	NEW	1150	NUC (PWR)	URANIUM	NONE	NE UTILICONN. LIGHT & POWER CO	
	STERLING NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	ORANGE AND ROCKLAND UTILITIES, INC	
	BEEBEE 1-3,6,8-11	DEBATE TO	68	FOSSIL STM	NO. 6 OIL	NONE	ROCHESTER GAS & ELEC CORP. (NY)	34
JULY	GREENE COUNTY	NEW	1200	NUC (PWR)	URANIUM	NONE	POWER AUTHORITY OF THE STATE OF NY	
NOV.	SEARS ISLAND	NEW	568	FOSSIL STM	COAL	NONE	CENTRAL MAINE POWER COMPANY	
	NEPCO NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	NEW ENGLAND ELEC SYSTEM	
	90. GLEN FALLS	NEW	16	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	

(a) Primary fuel for this unit is reported as Bituminous/Refuse.

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1986 ----								
NOV.	GLENN PARK FEEDER DAM UNSITED HYDRO NO. 5	NEW	20	HYDRO	WATER	NONE	NIAGARA MOHAWK POWER CORP	
		NEW	2	HYDRO	WATER	NONE		
		NEW	38	HYDRO	WATER	NONE		
DEC.	HUDSON AVENUE 5#6 WATERSIDE NO. 4	RETIRE	324	FOSSIL STM	NO. 6 OIL	NONE	CONSOLIDATED EDISON CO OF N Y, INC	
		RETIRE	29	FOSSIL STM	NO. 6 OIL	NONE		
1987 ----								
MAY	DANSKAMMER NO. 2	RETIRE	67	FOSSIL STM	NO. 6 OIL	NONE	CENTRAL HUDSON GAS & ELEC CORP	
NOV.	COLD STREAM NO. 1 SHERMAN ISLAND LAKE ERIE NO. 1	NEW	83	HYDRO	WATER	NONE	CENTRAL MAINE POWER COMPANY	
		NEW	8	HYDRO	WATER	NONE		
		NEW	950	FOSSIL STM	COAL	NONE		
DEC.	WATERSIDE 5 & 6 SOMERSET	RETIRE	68	FOSSIL STM	NO. 6 OIL	NAT GAS	CONSOLIDATED EDISON CO OF N Y, INC	
		NEW	61	COMB TURB	OIL	NONE		
N. R.	DEVON NO. 4 DEVON NO. 5	RETIRE	50	FOSSIL STM	OIL	NONE	NE UTILICONN. LIGHT & POWER CO	
		RETIRE	48	FOSSIL STM	OIL	NONE		

FOOTNOTES FOR PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987

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AS REPORTED APRIL 1, 1978 BY THE REGIONAL ELECTRIC RELIABILITY COUNCILS
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(INCLUDES ONLY CONTIGUOUS U.S.)

NORTHEAST POWER COORDINATING COUNCIL (NPCC)

- 1 THIS UNIT UPATED 3 MW.
- 2 THIS UNIT UPATED 34 MW.
- 3 THIS UNIT UPATED 190 MW.
- 4 GENERATING UNIT REMOVED FROM SERVICE AND PLACED ON INACTIVE RESERVE, UNIT WAS 88 MW.
- 5 THIS UNIT UPATED 52 MW.
- 6 THESE UNITS UPATED 29 MW. THE UNITS ARE NOT SPECIFIED.
- 7 THE TOWN OF HEMPSTEAD (ON LONG ISLAND) IS ASSOCIATED WITH THIS PROJECT.
- 8 UNIT (LOCATED IN PENNSYLVANIA) JOINTLY OWNED BY NEW YORK STATE ELECTRIC & GAS CORP. (325 MW) AND PENNSYLVANIA ELECTRIC COMPANY, A MAAC SYSTEM, (325 MW). UNIT UPATED 175 MW.
- 9 THIS UNIT UPATED 92 MW.
- 10 THIS UNIT UPATED 70 MW.
- 11 THIS UNIT UPATED 21 MW.
- 12 THESE UNITS UPATED 17 MW. THE UNITS ARE NOT SPECIFIED.
- 13 THIS UNIT UPATED 49 MW.
- 14 UNIT REMOVED TEMPORARILY FROM SERVICE, UNIT WAS 62 MW.

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NORTHEAST POWER COORDINATING COUNCIL (NPCC)

- 15 THIS UNIT UPATED 19 MW.
- 16 THIS UNIT UPATED 11 MW.
- 17 THIS UNIT UPATED 28 MW.
- 18 THESE UNITS UPATED 26 MW. THE UNITS ARE NOT SPECIFIED.
- 19 THIS UNIT UPATED 5 MW.
- 20 THESE UNITS UPATED 10 MW. THE UNITS ARE NOT SPECIFIED.
- 21 UNIT RETURNED TO SERVICE.
- 22 UNIT JOINTLY CONTROLLED BY NIAGARA MOHAWK POWER CORPORATION (646 MW) AND ROCHESTER GAS & ELECTRIC CORPORATION (204 MW).
- 23 THESE UNITS DERATED 17 MW.
- 24 THIS UNIT UPATED 16 MW.
- 25 THIS UNIT UPATED 44 MW.
- 26 THIS UNIT UPATED 35 MW.
- 27 THIS UNIT UPATED 9 MW.
- 28 THIS UNIT UPATED 68 MW.
- 29 THIS UNIT UPATED 15 MW.

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(INCLUDES ONLY CONTIGUOUS U.S.)

NORTHEAST POWER COORDINATING COUNCIL (NPCC)

- 30 UNIT PLACED ON DEACTIVATED RESERVE. RETIREMENT PLANNED FOR DECEMBER 1987.
- 31 THESE UNITS UPRATED 41 MW. THE UNITS ARE NOT SPECIFIED.
- 32 THESE UNITS DERATED A TOTAL OF 18 MW.
- 33 UNIT JOINTLY OWNED BY CENTRAL HUDSON GAS & ELECTRIC CORPORATION (97 MW), LONG ISLAND LIGHTING COMPANY (194 MW), NEW YORK STATE ELECTRIC & GAS CORPORATION (194 MW), NIAGARA MOHAWK POWER CORPORATION (443 MW) AND ROCHESTER GAS & ELECTRIC CORPORATION (152 MW).
- 34 THESE UNITS DERATED 18 MW.

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1978 ----							
FEB.	RACCOON MOUNTAIN NO. 1	NEW	325	PUMP HYDRO	WATER NONE	TENNESSEE VALLEY AUTHORITY	
APRIL	ANCLOTE NO. 2	NEW	501	FOSSIL STM	NO. 6 OIL NONE	FLORIDA POWER CORPORATION	
	RACCOON MOUNTAIN NO. 2	NEW	325	PUMP HYDRO	WATER NONE	TENNESSEE VALLEY AUTHORITY	
	NORTH ANNA NO. 1	NEW	898	NUC (PWR)	URANIUM NONE	VIRGINIA ELECTRIC & POWER CO	
MAY	ROXBORO NO. 3	UPRATE TO	720	FOSSIL STM	COAL NONE	CAROLINA POWER & LIGHT CO	1
	SUTTON NO. 3	UPRATE TO	420	FOSSIL STM	COAL NO. 6 OIL	CAROLINA POWER & LIGHT CO	2
	PUTNAM CG1	NEW	110	C C/STEAM	NO. 6 OIL NONE	FLORIDA POWER & LIGHT COMPANY	
	PUTNAM CG1	NEW	132	C C/CT	NO. 6 OIL NONE	FLORIDA POWER & LIGHT COMPANY	
	WANSLEY NO. 2	NEW	870	FOSSIL STM	BITUMINOUS NONE	SO CO:GEORGIA POWER CO	3
	SMITH CG1	NEW	10	C C/STEAM	WASTE HEAT NONE	LAKE WORTH UTILITIES AUTHORITY	
	SMITH CG1	NEW	20	C C/CT	NAT GAS NONE	LAKE WORTH UTILITIES AUTHORITY	
	FAIRFIELD COUNTY NO. 1	NEW	60	PUMP HYDRO	WATER NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	FAIRFIELD COUNTY NO. 2	NEW	60	PUMP HYDRO	WATER NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
FAIRFIELD COUNTY NO. 3	NEW	60	PUMP HYDRO	WATER NONE	SOUTH CAROLINA ELECTRIC & GAS CO		
FAIRFIELD COUNTY NO. 4	NEW	60	PUMP HYDRO	WATER NONE	SOUTH CAROLINA ELECTRIC & GAS CO		
JUNE	TOMBIGBEE NO. 2	NEW	235	FOSSIL STM	BITUMINOUS NONE	ALABAMA ELEC COOP, INC	
	MILLER NO. 1	NEW	662	FOSSIL STM	BITUMINOUS NONE	SO CO:ALABAMA POWER CO	
	MORROW NO. 1	NEW	180	FOSSIL STM	BITUMINOUS NONE	SOUTH MISSISSIPPI ELEC PWR ASSN	
	RACCOON MOUNTAIN NO. 3	NEW	325	PUMP HYDRO	WATER NONE	TENNESSEE VALLEY AUTHORITY	
AUG.	RACCOON MOUNTAIN NO. 4	NEW	325	PUMP HYDRO	WATER NONE	TENNESSEE VALLEY AUTHORITY	
SEPT.	CRYSTAL RIVER NO. 1	DERATE TO ZERO		FOSSIL STM	NO. 6 OIL NONE	FLORIDA POWER CORPORATION	4
OCT.	MORROW NO. 2	NEW	180	FOSSIL STM	BITUMINOUS NONE	SOUTH MISSISSIPPI ELEC PWR ASSN	
NOV.	BIG BEND NO. 2	UPRATE TO	362	FOSSIL STM	BITUMINOUS NONE	TAMPA ELECTRIC COMPANY	5
DEC.	HATCH, EDWIN I. NO. 2	NEW	803	NUC (BWR)	URANIUM NONE	SO CO:GEORGIA POWER CO	3
	BIG BEND NO. 1	UPRATE TO	362	FOSSIL STM	BITUMINOUS NONE	TAMPA ELECTRIC COMPANY	5

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY FUEL	ALTERNATE FUEL	SYSTEM NAME	NOTE NO.
1979								
FEB.	CRYSTAL RIVER NO. 1	UPRATE TO	383	FOSSIL STM	COAL	NONE	FLORIDA POWER CORPORATION	6
MARCH	EFFINGHAM STATION NO. 1	NEW	156	FOSSIL STM	BITUMINOUS	NO. 6 OIL	SAVANNAH ELECTRIC & POWER CO	
	NORTH ANNA NO. 2	NEW	898	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	
APRIL	CRYSTAL RIVER NO. 2	UPRATE TO	483	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER CORPORATION	7
MAY	FAIRFIELD COUNTY NO. 5	NEW	60	PUMP HYDRO	WATER	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	FAIRFIELD COUNTY NO. 6	NEW	60	PUMP HYDRO	WATER	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	FAIRFIELD COUNTY NO. 7	NEW	60	PUMP HYDRO	WATER	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	FAIRFIELD COUNTY NO. 8	NEW	60	PUMP HYDRO	WATER	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
JUNE	TOMBIGBEE NO. 3	NEW	235	FOSSIL STM	BITUMINOUS	NONE	ALABAMA ELEC COOP, INC	
	CHICKASAW NO. 1	RETIRE	14	FOSSIL STM	NAT GAS	COAL	SO CO:ALABAMA POWER CO	
	CHICKASAW NO. 2	RETIRE	15	FOSSIL STM	NAT GAS	COAL	SO CO:ALABAMA POWER CO	
	BIG BEND NO. 3	UPRATE TO	362	FOSSIL STM	BITUMINOUS	NONE	TAMPA ELECTRIC COMPANY	5
JULY	SEQUOYAH NO. 1	NEW	1148	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
NOV.	NORTH ANNA NO. 1	UPRATE TO	934	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	8
DEC.	WATTS BAR NO. 1	NEW	1177	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
1980								
JAN.	MC GUIRE NO. 1	NEW	1180	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY	
FEB.	WALLACE DAM NO. 1	NEW	54	PUMP HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
	WALLACE DAM NO. 2	NEW	54	PUMP HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
	WALLACE DAM NO. 5	NEW	54	PUMP HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
	WALLACE DAM NO. 6	NEW	55	PUMP HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
MARCH	ROXBORO NO. 4	NEW	720	FOSSIL STM	COAL	NONE	CAROLINA POWER & LIGHT CO	
	SEQUOYAH NO. 2	NEW	1148	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY FUEL	ALTERNATE FUEL	SYSTEM NAME	NOTE NO.
1980								
APRIL	FARLEY NO. 2	NEW	807	NUC (PWR)	URANIUM	NONE	SO CO:ALABAMA POWER CO	
	HARRIS NO. 1	NEW	59	HYDRO	WATER	NONE	SO CO:ALABAMA POWER CO	
	HARRIS NO. 2	NEW	59	HYDRO	WATER	NONE	SO CO:ALABAMA POWER CO	
MAY	WALLACE DAM NO. 3	NEW	54	HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
	WALLACE DAM NO. 4	NEW	54	HYDRO	WATER	NONE	SO CO:GEORGIA POWER CO	
	UNSITE CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSITE CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSITE CT NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSITE CT NO. 4	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSITE CT NO. 5	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSITE CT NO. 6	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	BURTON NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	10
	BURTON NO. 2	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	10
	BURTON NO. 3	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	10
	CANADYS NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	11
	CANADYS NO. 3	UPRATE TO	215	FOSSIL STM	COAL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	12
	COIT NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	13
	COIT NO. 2	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	13
	FABER PLACE NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	14
	HARDEEVILLE NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	11
	URQUHART GT NO. 1	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	15
	URQUHART GT NO. 2	DERATE TO ZERO		COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	16
	V.C. SUMMER NO. 1	NEW	900	NUC (PWR)	URANIUM	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	17
	WINYAH NO. 3	NEW	280	FOSSIL STM	BITUMINOUS	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
JUNE	BELLEFONTE NO. 1	NEW	1213	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
SEPT.	WATTS BAR NO. 2	NEW	1177	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
OCT.	SUWANNEE NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	
	SUWANNEE NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	
	SUWANNEE NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	
NOV.	NORTH ANNA NO. 2	UPRATE TO	934	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	6
N. R.	MARTIN NO. 1	NEW	775	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER & LIGHT COMPANY	

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1981								

JAN.	DEERHAVEN NO. 2	NEW	235	FOSSIL STM	BITUMINOUS	NONE	GAINESVILLE-ALACHUA COUNTY (FLA)	
	J. R. KELLY NO. 6	RETIRE	14	FOSSIL STM	NO. 6 OIL	NONE	GAINESVILLE-ALACHUA COUNTY (FLA)	
MARCH	BELLEFONTE NO. 2	NEW	1213	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
MAY	UNSIITED CT NO. 7	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSIITED CT NO. 8	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSIITED CT NO. 9	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSIITED CT NO. 10	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSIITED CT NO. 11	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	UNSIITED CT NO. 12	NEW	50	COMB TURB	NO. 2 OIL	NONE	SO CO:GEORGIA POWER CO	9
	G.W. IVEY NO. 19	NEW	9	DIESEL	NO. 2 OIL	NONE	HOMESTEAD, CITY OF	
	G.W. IVEY NO. 20	NEW	9	DIESEL	NO. 2 OIL	NONE	HOMESTEAD, CITY OF	
JUNE	FARLEY NO. 1	UPRATE TO	842	NUC (PWR)	URANIUM	NONE	SO CO:ALABAMA POWER CO	2
	MILLER NO. 2	NEW	662	FOSSIL STM	BITUMINOUS	NONE	SO CO:ALABAMA POWER CO	
	DANIEL NO. 2	NEW	503	FOSSIL STM	BITUMINOUS	NONE	SO CO:MISSISSIPPI POWER CO	18
JULY	MC GUIRE NO. 2	NEW	1180	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY	
OCT.	UNSIITED CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 4	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 5	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 6	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 7	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	UNSIITED CT NO. 8	NEW	50	COMB TURB	NO. 2 OIL	NONE	FLORIDA POWER CORPORATION	9
	MCINTOSH NO. 3	NEW	334	FOSSIL STM	BITUMINOUS	NONE	LAKELAND, CTY OF (FLA)	19
	WINYAH NO. 4	NEW	280	FOSSIL STM	BITUMINOUS	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
N. R.	MARTIN NO. 2	NEW	775	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER & LIGHT COMPANY	

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1982 ----								
JAN.	CATAWBA NO. 1	NEW	1145	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY	
FEB.	SCHERER NO. 1	NEW	801	FOSSIL STM	BITUMINOUS	NONE	SO CO GEORGIA POWER CO	3
	SCHERER NO. 2	NEW	801	FOSSIL STM	BITUMINOUS	NONE	SO CO GEORGIA POWER CO	3
MARCH	MAYO NO. 1	NEW	720	FOSSIL STM	COAL	NONE	CAROLINA POWER & LIGHT CO	
MAY	BLUFFTON NO. 1	NEW	20	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
	BLUFFTON NO. 2	NEW	20	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
	BLUFFTON NO. 3	NEW	20	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
JUNE	MILLER NO. 3	NEW	662	FOSSIL STM	BITUMINOUS	NONE	SO CO ALABAMA POWER CO	
	ARKWRIGHT NO. 1	RETIRE	39	FOSSIL STM	BITUMINOUS	NAT GAS	SO CO GEORGIA POWER CO	
	ARKWRIGHT NO. 2	RETIRE	39	FOSSIL STM	BITUMINOUS	NAT GAS	SO CO GEORGIA POWER CO	
	ROCKY MOUNTAIN NO. 1	NEW	225	PUMP HYDRO	WATER	NONE	SO CO GEORGIA POWER CO	
	BATH COUNTY NO. 1	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	
	BATH COUNTY NO. 2	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	
AUG.	BATH COUNTY NO. 4	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	
	BATH COUNTY NO. 3	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	
SEPT.	MITCHELL DAM NO. 5	NEW	80	HYDRO	WATER	NONE	SO CO ALABAMA POWER CO	
OCT.	CRYSTAL RIVER NO. 4	NEW	640	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER CORPORATION	
	BATH COUNTY NO. 5	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	
DEC.	ROCKY MOUNTAIN NO. 2	NEW	225	PUMP HYDRO	WATER	NONE	SO CO GEORGIA POWER CO	
	ROCKY MOUNTAIN NO. 3	NEW	225	PUMP HYDRO	WATER	NONE	SO CO GEORGIA POWER CO	
	LAKE HIGHLAND NO. 1	RETIRE	30	FOSSIL STM	NO. 6 OIL	NONE	ORLANDO UTILITIES COMMISSION (FLA)	
	LAKE HIGHLAND NO. 2	RETIRE	30	FOSSIL STM	NO. 6 OIL	NONE	ORLANDO UTILITIES COMMISSION (FLA)	
	LAKE HIGHLAND NO. 3	RETIRE	30	FOSSIL STM	NO. 6 OIL	NONE	ORLANDO UTILITIES COMMISSION (FLA)	
	BATH COUNTY NO. 6	NEW	350	PUMP HYDRO	WATER	NONE	VIRGINIA ELECTRIC & POWER CO	

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1983 ----							
MARCH	LARSEN 4	RETIRE	19	COMB TURB	NO. 6 OIL	NONE	LAKELAND, CTY OF (FLA)
	BIG BEND CT NO. 4	NEW	65	COMB TURB	NO. 2 OIL	NONE	TAMPA ELECTRIC COMPANY
MAY	UNKNOWN NO. 1	NEW	100	FOSSIL STM	BITUMINOUS	NONE	ORLANDO UTILITIES COMMISSION (FLA)
	ST. STEPHEN NO. 1	NEW	28	HYDRO	WATER	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH
	ST. STEPHEN NO. 2	NEW	28	HYDRO	WATER	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH
	ST. STEPHEN NO. 3	NEW	28	HYDRO	WATER	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH
	UNSITEO NO. 1	NEW	400	FOSSIL STM	BITUMINOUS	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH
	RUSSELL, RICHARD NO. 1	NEW	75	HYDRO	WATER	NONE	SOUTHEASTERN POWER ADM
JUNE	MILLER NO. 4	NEW	662	FOSSIL STM	BITUMINOUS	NONE	SO CO;ALABAMA POWER CO
	SEMINOLE NO. 1	NEW	600	FOSSIL STM	BITUMINOUS	NONE	SEMINOLE ELEC COOP (FLA)
	RUSSELL, RICHARD NO. 2	NEW	75	HYDRO	WATER	NONE	SOUTHEASTERN POWER ADM
	HARTSVILLE NO. 1	NEW	1233	NUC (BWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY
JULY	BUCK NO. 1	RETIRE	31	C C/STEAM	WASTE HEAT	NONE	DUKE POWER COMPANY
	RIVERBEND NO. 1	RETIRE	38	C C/STEAM	WASTE HEAT	NONE	DUKE POWER COMPANY
	CATAWBA NO. 2	NEW	1145	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY
	RUSSELL, RICHARD NO. 3	NEW	75	HYDRO	WATER	NONE	SOUTHEASTERN POWER ADM
AUG.	RUSSELL, RICHARD NO. 4	NEW	75	HYDRO	WATER	NONE	SOUTHEASTERN POWER ADM
OCT.	CRYSTAL RIVER NO. 5	NEW	640	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER CORPORATION
	NORTH ANNA NO. 3	NEW	907	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO
DEC.	KING NO. 5	RETIRE	7	FOSSIL STM	NO. 6 OIL	NONE	FURT PIERCE UTILITIES AUTHORITY
	HARTSVILLE NO. 3	NEW	1233	NUC (BWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY
	CHESTERFIELD NO. 1	RETIRE	56	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	CHESTERFIELD NO. 2	RETIRE	73	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	CHESTERFIELD NO. 3	RETIRE	100	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	PORTSMOUTH NO. 1	RETIRE	101	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	PORTSMOUTH NO. 2	RETIRE	101	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	POSSUM POINT NO. 1	RETIRE	74	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
	POSSUM POINT NO. 2	RETIRE	69	FOSSIL STM	NO. 6 OIL	COAL	VIRGINIA ELECTRIC & POWER CO
N. R.	ST. LUCIE NO. 2	NEW	802	NUC (PWR)	URANIUM	NONE	FLORIDA POWER & LIGHT COMPANY

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1984 ----							
FEB.	SCHERER NO. 3	NEW	801	FOSSIL STM	BITUMINOUS NONE	SO CO:GEORGIA POWER CO	3
MARCH	MARTIN NO. 5	NEW	55	HYDRO	WATER NONE	SO CO:ALABAMA POWER CO	
	HARRIS NO. 1	NEW	900	NUC (PWR)	URANIUM NONE	CAROLINA POWER & LIGHT CO	
	BIG BEND CT NO. 5	NEW	65	COMB TURB	NO. 2 OIL NONE	TAMPA ELECTRIC COMPANY	
MAY	EFFINGHAM STATION NO. 2	NEW	239	FOSSIL STM	BITUMINOUS NO. 6 OIL	SAVANNAH ELECTRIC & POWER CU	
	HAGOOD NO. 1	NEW	56	COMB TURB	NO. 2 OIL NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	HAGOOD NO. 2	NEW	56	COMB TURB	NO. 2 OIL NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	HAGOOD NO. 3	NEW	57	COMB TURB	NO. 2 OIL NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	HAGOOD NO. 4	NEW	57	COMB TURB	NO. 2 OIL NONE	SOUTH CAROLINA ELECTRIC & GAS CU	
	S O PURDOM NO. 1	RETIRE	8	FOSSIL STM	NO. 6 OIL NONE	TALLAHASSEE, CITY OF	
	S O PURDOM NO. 2	RETIRE	8	FOSSIL STM	NO. 6 OIL NONE	TALLAHASSEE, CITY OF	
	S O PURDOM NO. 3	RETIRE	8	FOSSIL STM	NO. 6 OIL NONE	TALLAHASSEE, CITY OF	
	S O PURDOM NO. 4	RETIRE	8	FOSSIL STM	NO. 6 OIL NONE	TALLAHASSEE, CITY OF	
	JUNE	DEMOPOLIS NO. 1	RETIRE	19	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO
DEMOPOLIS NO. 2		RETIRE	19	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
FARLEY NO. 2		UPRATE TO	842	NUC (BWR)	URANIUM NONE	SO CO:ALABAMA POWER CO	2
SITE A 4 NO. 1		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
SITE A 4 NO. 2		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
SITE A 4 NO. 3		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
SITE A 4 NO. 4		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
SITE A 4 NO. 5		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
SITE A 4 NO. 6		NEW	55	COMB TURB	NO. 2 OIL NONE	SO CO:ALABAMA POWER CO	
ARKWRIGHT NO. 3		RETIRE	44	FOSSIL STM	BITUMINOUS NAT GAS	SO CO:GEORGIA POWER CO	
ARKWRIGHT NO. 4		RETIRE	45	FOSSIL STM	BITUMINOUS NAT GAS	SO CO:GEORGIA POWER CU	
W MITCHELL NO. 1		RETIRE	23	FOSSIL STM	BITUMINOUS NONE	SO CO:GEORGIA POWER CO	
W MITCHELL NO. 2		RETIRE	23	FOSSIL STM	BITUMINOUS NONE	SO CO:GEORGIA POWER CO	
BARTLETTS FERRY NO. 5		NEW	50	HYDRO	WATER NONE	SO CO:GEORGIA POWER CO	
BARTLETTS FERRY NO. 6		NEW	50	HYDRO	WATER NONE	SO CO:GEORGIA POWER CO	
HARTSVILLE NO. 2		NEW	1233	NUC (BWR)	URANIUM NONE	TENNESSEE VALLEY AUTHORITY	
JULY	BUCK NO. 3	RETIRE	70	FOSSIL STM	COAL NONE	DUKE POWER COMPANY	
	BUCK NO. 4	RETIRE	38	FOSSIL STM	COAL NONE	DUKE POWER COMPANY	
	DAN RIVER NO. 4	RETIRE	30	COMB TURB	NO. 2 OIL NONE	DUKE POWER COMPANY	
	DAN RIVER NO. 5	RETIRE	30	COMB TURB	NO. 2 OIL NONE	DUKE POWER COMPANY	

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
-----	-----	-----	---	-----	PRIMARY	ALTERNATE	-----	---
1984								

JULY	LEE NO. 5	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	LEE NO. 6	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
AUG.	PHIPPS BEND NO. 1	NEW	1233	NUC (BWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
SEPT.	NORTH ANNA NO. 4	NEW	907	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	
NOV.	VOGTLE NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	SO CO GEORGIA POWER CO	3
DEC.	HARTSVILLE NO. 4	NEW	1233	NUC (BWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
1985								

MARCH	MAYO NO. 2	NEW	720	FOSSIL STM	COAL	NONE	CAROLINA POWER & LIGHT CO	
	BIG BEND NO. 4	NEW	425	FOSSIL STM	BITUMINOUS	NONE	TAMPA ELECTRIC COMPANY	
	YELLOW CREEK NO. 1	NEW	1285	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
	NORTH ANNA NO. 3	UPRATE TO	938	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	20
MAY	UNKNOWN NO. 2	NEW	100	FOSSIL STM	BITUMINOUS	NONE	ORLANDO UTILITIES COMMISSION (FLA)	
	UNSIDED COAL NO. 1	NEW	500	FOSSIL STM	COAL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	UNSIDED NO. 2	NEW	400	FOSSIL STM	BITUMINOUS	NONE	SOUTH CAROLINA PUBLIC SERVICE AUTH	
	HOPKINS, ARVAH B NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	TALLAHASSEE, CITY OF	
JUNE	UNSIDED - SITE A NO. 1	NEW	662	FOSSIL STM	BITUMINOUS	NONE	SO CO ALABAMA POWER CO	
	AVON PARK NO. 2	RETIRE	42	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	
	GOAT ROCK NO. 7	NEW	33	HYDRO	WATER	NONE	SO CO GEORGIA POWER CO	
	GOAT ROCK NO. 8	NEW	34	HYDRO	WATER	NONE	SO CO GEORGIA POWER CO	
	ELLIS NO. 1	NEW	503	FOSSIL STM	COAL	NONE	SO CO GULF POWER CO	
	SEMINOLE NO. 2	NEW	600	FOSSIL STM	BITUMINOUS	NONE	SEMINOLE ELEC COOP (FLA)	
JULY	CLIFFSIDE NO. 1	RETIRE	38	FOSSIL STM	COAL	NONE	DUKE POWER COMPANY	
	CLIFFSIDE NO. 2	RETIRE	38	FOSSIL STM	COAL	NONE	DUKE POWER COMPANY	
	DAN RIVER NO. 6	RETIRE	25	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	RIVERBEND NO. 8	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	RIVERBEND NO. 9	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1985 ----								
JULY	RIVERBEND NO. 10	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	RIVERBEND NO. 11	RETIRE	30	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	URQUHART NO. 3	RETIRE	15	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	URQUHART NO. 4	RETIRE	25	COMB TURB	NO. 2 OIL	NONE	DUKE POWER COMPANY	
	CHEROKEE NO. 1	NEW	1280	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY	
AUG.	PHIPPS BEND NO. 2	NEW	1233	NUC (BWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
OCT.	UNSIDED COAL NO. 1	NEW	640	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER CORPORATION	
NOV.	VOGTLE NO. 2	NEW	1150	NUC (PWR)	URANIUM	NONE	SO COIGEORGIA POWER CO	3
N. R.	UNSIDED COAL NO. 1	NEW	600	FOSSIL STM	BITUMINOUS	NONE	JACKSONVILLE ELECTRIC AUTHORITY	21
1986 ----								
JAN.	CRIST NO. 1	RETIRE	22	FOSSIL STM	NAT GAS	NO. 6 OIL	SO COIGULF POWER CO	
	SMITH NO. 1	RETIRE	7	FOSSIL STM	NAT GAS	NONE	LAKE WORTH UTILITIES AUTHORITY	
MARCH	HARRIS NO. 2	NEW	900	NUC (PWR)	URANIUM	NONE	CAROLINA POWER & LIGHT CO	
	EATON NO. 1	RETIRE	24	FOSSIL STM	NO. 6 OIL	L PROPANE	SO COMISSISSIPPI POWER CO	
	YELLOW CREEK NO. 2	NEW	1285	NUC (PWR)	URANIUM	NONE	TENNESSEE VALLEY AUTHORITY	
	NORTH ANNA NO. 4	UPDATE TO	938	NUC (PWR)	URANIUM	NONE	VIRGINIA ELECTRIC & POWER CO	20
MAY	UNSIDED NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	UNSIDED NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
	UNSIDED NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	SOUTH CAROLINA ELECTRIC & GAS CO	
JUNE	GORGAS NO. 5	RETIRE	57	FOSSIL STM	BITUMINOUS	NONE	SO COIALABAMA POWER CO	
	UNSIDED - SITE A NO. 2	NEW	662	FOSSIL STM	BITUMINOUS	NONE	SO COIALABAMA POWER CO	
	HIGGINS NO. 1	RETIRE	39	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	
	HIGGINS NO. 2	RETIRE	41	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	
	HIGGINS NO. 3	RETIRE	41	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	
	SUWANNEE RIVER NO. 1	RETIRE	34	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	
	SUWANNEE RIVER NO. 2	RETIRE	33	FOSSIL STM	NO. 6 OIL	NONE	FLORIDA POWER CORPORATION	

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
-----	-----	-----	---	-----	PRIMARY	ALTERNATE	-----	---
1986								
JUNE	ATKINSON NO. 1 SITE A - 1 NO. 1	RETIRE NEW	50 479	FOSSIL STM FOSSIL STM	NO. 2 OIL BITUMINOUS	NAT GAS NONE	30 CO:GEORGIA POWER CO 30 CO:MISSISSIPPI POWER CO	
JULY	BUCK NO. 7 BUCK NO. 8 BUCK NO. 9	RETIRE RETIRE RETIRE	31 31 31	COMB TURB. COMB TURB. COMB TURB.	NO. 2 OIL NO. 2 OIL NO. 2 OIL	NONE NONE NONE	DUKE POWER COMPANY DUKE POWER COMPANY DUKE POWER COMPANY	
N. R.	UNSIDED	NEW	700	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER & LIGHT COMPANY	
1987								
FEB.	SCHERER NO. 4	NEW	801	FOSSIL STM	BITUMINOUS	NONE	30 CO:GEORGIA POWER CO	3
APRIL	UNKNOWN NO. 1 UNSIDED NO. 1	NEW NEW	200 840	UNREPORTED FOSSIL STM	UNREPORTED COAL	UNREPORTED NONE	FALLAHASSEE, CITY OF VIRGINIA ELECTRIC & POWER CO	
MAY	UNSIDED COAL NO. 2 UNSIDED NO. 3	NEW NEW	500 500	FOSSIL STM FOSSIL STM	COAL BITUMINOUS	NONE NONE	SOUTH CAROLINA ELECTRIC & GAS CO SOUTH CAROLINA PUBLIC SERVICE AUTH	
JUNE	BARRY NO. A BARRY NO. B UNSIDED - SITE A NO. 3 UNSIDED - SITE A NO. 5 ATKINSON NO. 2	RETIRE RETIRE NEW NEW RETIRE	25 25 808 100 58	COMB TURB COMB TURB FOSSIL STM COMB TURB FOSSIL STM	OIL OIL BITUMINOUS OIL NO. 2 OIL	NONE NONE NONE NONE NAT GAS	30 CO:ALABAMA POWER CO 30 CO:ALABAMA POWER CO 30 CO:ALABAMA POWER CO 30 CO:ALABAMA POWER CO 30 CO:GEORGIA POWER CO	
JULY	CHEROKEE NO. 2	NEW	1280	NUC (BWR)	URANIUM	NONE	DUKE POWER COMPANY	
OCT.	UNSIDED COAL NO. 2	NEW	640	FOSSIL STM	BITUMINOUS	NONE	FLORIDA POWER CORPORATION	
N. R.	UNSIDED COAL NO. 2	NEW	600	FOSSIL STM	BITUMINOUS	NONE	JACKSONVILLE ELECTRIC AUTHORITY	21

FOOTNOTES FOR PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

- 1 THIS UNIT UPATED 70 MW.
- 2 THIS UNIT UPATED 35 MW.
- 3 UNIT JOINTLY OWNED BY GEORGIA POWER CO., OGLETHORPE ELECTRIC MEMBERSHIP CORP., MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA AND DALTON (MUNICIPAL) UTILITIES. THE OWNERSHIP PERCENTAGES ARE NOT STATED.
- 4 UNIT TAKEN OUT FOR CONVERSION TO COAL BURNING. EXPECTED BACK IN SERVICE IN FEB. 1979 AT ORIGINAL CAPABILITY OF 383 MW.
- 5 THIS UNIT UPATED 24 MW.
- 6 SEE FOOTNOTE 4.
- 7 THIS UNIT UPATED 50 MW.
- 8 THIS UNIT UPATED 36 MW.
- 9 NUMBER AND MEGAWATT VALUE OF UNITS ESTIMATED BY DOE STAFF.
- 10 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 10 MW.
- 11 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 15 MW.
- 12 THIS UNIT UPATED 43 MW.
- 13 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 16 MW.
- 14 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 9 MW.

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SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL (SERC)

- 15 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE, UNIT WAS 17 MW.
- 16 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE, UNIT WAS 13 MW.
- 17 UNIT JOINTLY OWNED BY SOUTH CAROLINA ELECTRIC & GAS COMPANY (600 MW) AND SOUTH CAROLINA PUBLIC SERVICE AUTHORITY (300 MW).
- 18 GULF POWER COMPANY WILL ACQUIRE 50% OWNERSHIP OF TOTAL PLANT CAPACITY IN JUNE 1981 WHEN UNIT 2 IS PLACED IN SERVICE.
- 19 UNIT JOINTLY OWNED BY CITY OF LAKELAND (200 MW) AND ORLANDO UTILITIES COMMISSION (134 MW).
- 20 THIS UNIT UPGRATED 31 MW.
- 21 UNIT JOINTLY OWNED BY JACKSONVILLE ELECTRIC AUTHORITY (300 MW) AND FLORIDA POWER & LIGHT COMPANY (300 MW).

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	----- FUEL ----- PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---	
1978 ----								
JAN.	GRAND AVE NO. 8	DERATE TO ZERO		FOSSIL STM	BITUMINOUS	NONE	KANSAS CITY POWER & LIGHT CO	1
	NORTHEAST NO. 2	DERATE TO ZERO		FOSSIL STM	NO. 2 OIL	NONE	KANSAS CITY POWER & LIGHT CO	2
	TECUMSEH NO. 3	DERATE TO ZERO		FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO	3
	TECUMSEH NO. 4	DERATE TO ZERO		FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO	3
	MUSKOGEE NO. 4	NEW	515	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO	
FEB.	EMPIRE ENERGY CENTER NO. 1	NEW	90	COMB TURB	NO. 2 OIL	NONE	EMPIRE DISTRICT ELECTRIC CO (MO)	
MARCH	BURAS NO. 8	UPRATE TO	19	COMB TURB	NO. 2 OIL	NONE	MID SO:LOUISIANA POWER & LIGHT CO	4
	FLINT CREEK NO. 1	NEW	528	FOSSIL STM	SUB-BITUM	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO	5
JUNE	JEFFREY NO. 1	NEW	680	FOSSIL STM	SUB-BITUM	NONE	KANSAS POWER & LIGHT CO	6
	HARRINGTON NO. 2	NEW	317	FOSSIL STM	COAL	NONE	SOUTHWESTERN PUBLIC SERVICE CO	
JULY	MUSKOGEE NO. 5	NEW	515	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO	
OCT.	ARKANSAS NUCLEAR ONE NO. 2	NEW	912	NUC (PWR)	URANIUM	NONE	MID SO:ARKANSAS POWER & LIGHT CO	
DEC.	TULSA NO. 1	RETIRE	30	FOSSIL STM	NAT GAS	NO. 2 OIL	CEN & SW: PUBLIC SERV CO OF OKLAHOMA	
1979 ----								
JAN.	JUDSON LARGE NO. 4	DERATE TO	143	FOSSIL STM	NAT GAS	NO. 5 OIL	CENTRAL TELEPHONE & UTIL CORP (KS)	7
	MULLERGREY NO. 3	DERATE TO	93	FOSSIL STM	NAT GAS	NO. 5 OIL	CENTRAL TELEPHONE & UTIL CORP (KS)	8
	CLINTON NO. 4	RETIRE	8	FOSSIL STM	NAT GAS	NONE	MISSOURI PUBLIC SERVICE CO	
	SEDALIA NO. 3	RETIRE	8	FOSSIL STM	NAT GAS	NO. 2 OIL	MISSOURI PUBLIC SERVICE CO	
	ARSENAL HILL NO. 1	RETIRE	15	FOSSIL STM	NAT GAS	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO	
	ARSENAL HILL NO. 2	RETIRE	11	FOSSIL STM	NAT GAS	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO	
	ARSENAL HILL NO. 3	RETIRE	11	FOSSIL STM	NAT GAS	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO	
	ARSENAL HILL NO. 4	RETIRE	11	FOSSIL STM	NAT GAS	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO	
MARCH	SABINE NO. 5	NEW	480	FOSSIL STM	NO. 6 OIL	NAT GAS	GULF STATES UTILITIES COMPANY	
	HARRY TRUMAN NO. 1	NEW	26	PUMP HYDRO	WATER	NONE	SOUTHWESTERN POWER ADM	
APRIL	HARRY TRUMAN NO. 2	NEW	26	PUMP HYDRO	WATER	NONE	SOUTHWESTERN POWER ADM	

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1979 ----								
MAY	GREENWOOD NO. 4	NEW	53	COMB TURB	NO. 2 OIL	NONE	MISSOURI PUBLIC SERVICE CO SOUTHWESTERN POWER ADM	
	HARRY TRUMAN NO. 3	NEW	26	PUMP HYDRO	WATER	NONE		
JUNE	NORTHEASTERN NO. 3	NEW	450	FOSSIL STM	SUB-BITUM	NO. 2 OIL	GEN & SW:PUBLIC SERV CO OF OKLAHOMA SOUTHWESTERN POWER ADM SUNFLOWER ELECTRIC COOP (KANSAS)	9
	HARRY TRUMAN NO. 4	NEW	26	PUMP HYDRO	WATER	NONE		
	GARDEN CITY CT NO. 3	NEW	50	COMB TURB	NAT GAS	NO. 2 OIL		
JULY	SOONER NO. 1	NEW	515	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO SOUTHWESTERN POWER ADM	
	HARRY TRUMAN NO. 5	NEW	26	PUMP HYDRO	WATER	NONE		
AUG.	CLARENCE CANNON NO. 1	NEW	31	PUMP HYDRO	WATER	NONE	SOUTHWESTERN POWER ADM SOUTHWESTERN POWER ADM	
	HARRY TRUMAN NO. 6	NEW	26	PUMP HYDRO	WATER	NONE		
OCT.	BIG CAJUN 2 NO. 1	NEW	540	FOSSIL STM	SUB-BITUM	NONE	CAJUN ELEC POWER COOP, INC. (LA) SOUTHWESTERN POWER ADM	
	CLARENCE CANNON NO. 2	NEW	27	HYDRO	WATER	NONE		
DEC.	CELANESE NO. 2	NEW	30	FOSSIL STM	COAL	NONE	SOUTHWESTERN PUBLIC SERVICE CO	
1980 ----								
JAN.	JUDSON LARGE 1,283	DERATE TO	31	FOSSIL STM	NO. 5 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS) CENTRAL TELEPHONE & UTIL CORP (KS) CENTRAL TELEPHONE & UTIL CORP (KS) CENTRAL TELEPHONE & UTIL CORP (KS) CENTRAL TELEPHONE & UTIL CORP (KS) CENTRAL TELEPHONE & UTIL CORP (KS)	8 8 8 10 8 11
	MULLERGREY NO. 1	DERATE TO	17	FOSSIL STM	NO. 5 OIL	NONE		
	MULLERGREY NO. 2	DERATE TO	17	FOSSIL STM	NO. 5 OIL	NONE		
	MULLERGREY NO. 3	DERATE TO	89	FOSSIL STM	NO. 5 OIL	NONE		
	CONCORDIA NO. 1	RETIRE	2	FOSSIL STM	NO. 5 OIL	NONE		
	CONCORDIA NO. 2	DERATE TO	5	FOSSIL STM	NO. 5 OIL	NONE		
MARCH	QUINDARO 2 NO. 7	RETIRE	32	FOSSIL STM	NAT GAS	COAL	KANSAS CITY BD OF PUB UTIL (KANS) KANSAS CITY BD OF PUB UTIL (KANS) KANSAS CITY BD OF PUB UTIL (KANS) KANSAS CITY POWER & LIGHT CO GEN & SW: SOUTHWESTERN ELEC POWER CO	
	QUINDARO 2 NO. 8	RETIRE	32	FOSSIL STM	NAT GAS	COAL		
	NEARMAN NO. 1	NEW	235	FOSSIL STM	COAL	NONE		
	IATAN NO. 1	NEW	630	FOSSIL STM	SUB-BITUM	NONE		
	WELSH NO. 2	NEW	528	FOSSIL STM	SUB-BITUM	NONE		
JUNE	WHITE BLUFF NO. 1	NEW	700	FOSSIL STM	SUB-BITUM	NONE	MID SO: ARKANSAS POWER & LIGHT CO EMPIRE DISTRICT ELECTRIC CO (MO)	13
	EMPIRE ENERGY CENTER NO. 2	NEW	90	COMB TURB	NO. 2 OIL	NONE		

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1980 ----							
JUNE	JEFFREY NO. 2	NEW	680	FOSSIL STM	SUB-BITUM	NONE	KANSAS POWER & LIGHT CO 6
	SOONER NO. 2	NEW	515	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO
	NORTHEASTERN NO. 4	NEW	450	FOSSIL STM	SUB-BITUM	NO. 2 OIL	CEN & SW PUBLIC SERV CO OF OKLAHOMA 9
	HARRINGTON NO. 3	NEW	317	FOSSIL STM	COAL	NONE	SOUTHWESTERN PUBLIC SERVICE CO
SEPT.	BIG CAJUN 2 NO. 2	NEW	540	FOSSIL STM	SUB-BITUM	NONE	CAJUN ELEC POWER COOP, INC. (LA)
1981 ----							
JAN.	VARIOUS RETIREMENTS	RETIRE	2	DIESEL	MULTIPLE	NONE	CENTRAL TELEPHONE & UTIL CORP (KS) 14
MARCH	WATERFORD NO. 3	NEW	1165	NUC (PWR)	URANIUM	NONE	MID SO:LOUISIANA POWER & LIGHT CO
APRIL	GRAND GULF NO. 1	NEW	1250	NUC (BWR)	URANIUM	NONE	MID SO:MISSISSIPPI POWER & LIGHT CO
MAY	GREENWOOD NO. 4	UPRATE TO	73	COMB TURB	NO. 2 OIL	NONE	MISSOURI PUBLIC SERVICE CO 15
JUNE	HUTCHINSON NO. 1	DERATE TO	16	FOSSIL STM	NO. 6 OIL	NONE	KANSAS POWER & LIGHT CO 16
	HUTCHINSON NO. 2	DERATE TO	15	FOSSIL STM	NO. 6 OIL	NONE	KANSAS POWER & LIGHT CO 16
	HUTCHINSON NO. 3	DERATE TO	27	FOSSIL STM	NO. 6 OIL	NONE	KANSAS POWER & LIGHT CO 16
	HUTCHINSON NO. 4	DERATE TO	187	FOSSIL STM	NO. 6 OIL	NONE	KANSAS POWER & LIGHT CO 17
	ABILENE NO. 1	DERATE TO	16	FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO 10
	ABILENE NO. 2	DERATE TO	16	FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO 11
	TECUMSEH NO. 3	RETIRE	15	FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO 18
	TECUMSEH NO. 4	RETIRE	25	FOSSIL STM	NAT GAS	NO. 6 OIL	KANSAS POWER & LIGHT CO 18
	SOUTHWEST CT NO. 1	NEW	60	COMB TURB	NO. 2 OIL	NONE	SPRINGFIELD UTILITIES (MO)
DEC.	CECIL LYNCH NO. 1	RETIRE	28	FOSSIL STM	NAT GAS	NO. 2 OIL	MID SO:ARKANSAS POWER & LIGHT CO
	HARVEY COUCH NO. 1	RETIRE	25	FOSSIL STM	NAT GAS	NO. 6 OIL	MID SO:ARKANSAS POWER & LIGHT CO
N. R.	STEAM PLANT	NEW	490	FOSSIL STM	BITUMINOUS	NONE	GRAND RIVER DAM AUTHORITY (OK)

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1982								
JAN.	WHITE BLUFF NO. 2	NEW	700	FOSSIL STM	SUB-BITUM	NONE	MID SOUTHWEST ARKANSAS POWER & LIGHT CO	13
	GREAT BEND 0, 3&4	RETIRE	4	DIESEL	NO. 2 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)	
	LIBERAL 1, 2 & 5	RETIRE	3	DIESEL	NO. 2 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)	
	NESS CITY 2, 4&5	RETIRE	2	DIESEL	NO. 2 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)	
	PHILLIPSBURG 2 & 3	RETIRE	3	DIESEL	NO. 2 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)	
	GRAND AVE. 1, 5 & 7	DERATE TO ZERO		FOSSIL STM	BITUMINOUS	NONE	KANSAS CITY POWER & LIGHT CO	19
MARCH	RODEMACHER NO. 2	NEW	530	FOSSIL STM	SUB-BITUM	NO. 6 OIL	CENTRAL LOUISIANA ELEC CO, INC	20
	R S NELSON NO. 6	NEW	540	FOSSIL STM	SUB-BITUM	NONE	GULF STATES UTILITIES COMPANY	
	WELSH NO. 3	NEW	528	FOSSIL STM	SUB-BITUM	NONE	CEN & SW SOUTHWESTERN ELEC POWER CO	
JUNE	JEFFREY NO. 3	NEW	680	FOSSIL STM	SUB-BITUM	NONE	KANSAS POWER & LIGHT CO	6
	TOLK NO. 1	NEW	508	FOSSIL STM	COAL	NONE	SOUTHWESTERN PUBLIC SERVICE CO	21
DEC.	MARKET STREET NO. 11	RETIRE	31	FOSSIL STM	NAT GAS	NO. 5 OIL	MIDDLE SOUTH UTILITIES, INC.	
	MARKET STREET NO. 12	RETIRE	29	FOSSIL STM	NAT GAS	NO. 5 OIL	MIDDLE SOUTH UTILITIES, INC.	
	MARKET STREET NO. 13	RETIRE	29	FOSSIL STM	NAT GAS	NO. 5 OIL	MIDDLE SOUTH UTILITIES, INC.	
	ROSWELL NO. 5	RETIRE	6	COMB TURB	NAT GAS	NONE	SOUTHWESTERN PUBLIC SERVICE CO	
N. R.	EASTERN OKLAHOMA NO. 1	NEW	376	FOSSIL STM	SUB-BITUM	NONE	WESTERN FARMERS ELEC COOP (OK)	
1983								
JAN.	INDEPENDENCE NO. 1	NEW	700	FOSSIL STM	SUB-BITUM	NONE	MIDDLE SOUTH UTILITIES, INC.	13
	NORTHEAST 1, 2, 4, 5, 7	RETIRE	80	FOSSIL STM	NO. 2 OIL	NONE	KANSAS CITY POWER & LIGHT CO	
MAY	WOLF CREEK NO. 1	NEW	1150	NUC (PWR)	URANIUM	NONE	KANSAS GAS & ELECTRIC CO	22
	GREENWOOD NO. 5	NEW	70	COMB TURB	NO. 2 OIL	NONE	MISSOURI PUBLIC SERVICE CO	
	HOLCOMB NO. 1	NEW	280	FOSSIL STM	COAL	NONE	SUNFLOWER ELECTRIC COOP (KANSAS)	
JUNE	SOUTHWEST CT NO. 2	NEW	60	COMB TURB	NO. 2 OIL	NONE	SPRINGFIELD UTILITIES (MO)	
SEPT.	RIVER BEND NO. 1	NEW	940	NUC (BWR)	URANIUM	NONE	GULF STATES UTILITIES COMPANY	23
OCT.	BIG CAJUN 3 NO. 1	NEW	540	FOSSIL STM	SUB-BITUM	NONE	CAJUN ELEC POWER COOP, INC. (LA)	

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----	SYSTEM NAME -----	NOTE NO. ---
1983 ----							
DEC.	LYNCH NO. 2	RETIRE	55	FOSSIL STM	NAT GAS	NO. 2 OIL	MIDDLE SOUTH UTILITIES, INC.
	STERLINGTON NO. 5	RETIRE	44	FOSSIL STM	NAT GAS	NONE	MID SO:LOUISIANA POWER & LIGHT CO
	EAST PLANT NO. 3	RETIRE	12	FOSSIL STM	NAT GAS	NONE	SOUTHWESTERN PUBLIC SERVICE CO
	EAST PLANT NO. 4	RETIRE	13	FOSSIL STM	NAT GAS	NONE	SOUTHWESTERN PUBLIC SERVICE CO
N. R.	UNSIDED COAL NO. 1	NEW	515	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO
1984 ----							
JAN.	GRAND GULF NO. 2	NEW	1250	NUC (BWR)	URANIUM	NONE	MID SO:MISSISSIPPI POWER & LIGHT CO
MARCH	PLANT Z	NEW	640	FOSSIL STM	LIGNITE	NONE	CEN & SW: SOUTHWESTERN ELEC POWER CO
APRIL	BLACK FOX NO. 1	NEW	900	NUC (BWR)	URANIUM	NONE	CEN & SW: PUBLIC SERV CO OF OKLAHOMA 24
JUNE	JEFFREY NO. 4	NEW	680	FOSSIL STM	SUB-BITUM	NONE	KANSAS POWER & LIGHT CO 6
JULY	BIG CAJUN 3 NO. 2	NEW	540	FOSSIL STM	SUB-BITUM	NONE	CAJUN ELEC POWER COOP, INC. (LA)
DEC.	L CATHERINE NO. 1	RETIRE	45	FOSSIL STM	NAT GAS	NO. 6 OIL	MID SO: ARKANSAS POWER & LIGHT CO
	L CATHERINE NO. 2	RETIRE	44	FOSSIL STM	NAT GAS	NO. 6 OIL	MID SO: ARKANSAS POWER & LIGHT CO
	GRANDFIELD	RETIRE	2	DIESEL	NO. 2 OIL	NONE	CEN & SW: PUBLIC SERV CO OF OKLAHOMA
1985 ----							
JAN.	INDEPENDENCE NO. 2	NEW	700	FOSSIL STM	SUB-BITUM	NONE	MIDDLE SOUTH UTILITIES, INC. 13
	JUDSON LARGE 1 & 2	RETIRE	13	FOSSIL STM	NO. 5 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)
	CONCORDIA NO. 2	RETIRE	5	FOSSIL STM	NO. 5 OIL	NONE	CENTRAL TELEPHONE & UTIL CORP (KS)
	MISSISSIPPI COAL NO. 1	NEW	700	FOSSIL STM	COAL	NONE	MID SO: MISSISSIPPI POWER & LIGHT CO
	RALPH GREEN NO. 1	RETIRE	20	FOSSIL STM	NAT GAS	NONE	MISSOURI PUBLIC SERVICE CO
MAY	PLANT X-1	NEW	90	COMB TURB	NO. 2 OIL	NONE	MIDDLE SOUTH UTILITIES, INC.

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1985								
JUNE	DORRANCE NO. 1	NEW	400	FOSSIL STM	SUB-BITUM	NONE	CENTRAL KANSAS POWER CO, INC	25
	TOLK NO. 2	NEW	508	FOSSIL STM	COAL	NONE	SOUTHWESTERN PUBLIC SERVICE CO	
	JAMES RIVER NO. 1	DERATE TO	22	FOSSIL STM	COAL	NONE	SPRINGFIELD UTILITIES (MO)	8
	JAMES RIVER NO. 2	DERATE TO	22	FOSSIL STM	COAL	NONE	SPRINGFIELD UTILITIES (MO)	8
	JAMES RIVER NO. 3	DERATE TO	44	FOSSIL STM	COAL	NONE	SPRINGFIELD UTILITIES (MO)	10
	SOUTHWEST NO. 2	NEW	250	FOSSIL STM	BITUMINOUS	NONE	SPRINGFIELD UTILITIES (MO)	
SEPT.	R S NELSON NO. 5	NEW	540	FOSSIL STM	SUB-BITUM	NONE	GULF STATES UTILITIES COMPANY	
DEC.	HAM MOSES NO. 1	RETIRE	63	FOSSIL STM	NAT GAS	NO. 6 OIL	MID SOIARKANSAS POWER & LIGHT CO	
	HAM MOSES NO. 2	RETIRE	63	FOSSIL STM	NAT GAS	NO. 6 OIL	MID SOIARKANSAS POWER & LIGHT CO	
	SOUTHWESTERN NO. 1	RETIRE	80	FOSSIL STM	NAT GAS	NO. 2 OIL	CEN & SWI PUBLIC SERV CO OF OKLAHOMA	
	SOUTHWESTERN NO. 2	RETIRE	80	FOSSIL STM	NAT GAS	NO. 2 OIL	CEN & SWI PUBLIC SERV CO OF OKLAHOMA	
	EDMOND STREET NO. 4	RETIRE	21	FOSSIL STM	NAT GAS	NO. 6 OIL	ST JOSEPH LIGHT & POWER CO	
	EDMOND STREET NO. 5	RETIRE	14	FOSSIL STM	NAT GAS	NO. 6 OIL	ST JOSEPH LIGHT & POWER CO	
	EDMOND STREET NO. 7	RETIRE	16	FOSSIL STM	NAT GAS	NO. 6 OIL	ST JOSEPH LIGHT & POWER CO	
N. R.	UNSIITED COAL NO. 2	NEW	500	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO	
1986								
JAN.	COAL 6	NEW	700	FOSSIL STM	COAL	NONE	MID SOIARKANSAS POWER & LIGHT CO	13
	NECHES NO. 7	DERATE TO	100	FOSSIL STM	NO. 2 OIL	NONE	GULF STATES UTILITIES COMPANY	26
	NECHES NO. 8	DERATE TO	100	FOSSIL STM	NO. 2 OIL	NONE	GULF STATES UTILITIES COMPANY	26
	COAL 7	NEW	700	FOSSIL STM	COAL	NONE	MID SOIARKANSAS POWER & LIGHT CO	
	LIEBERMAN NO. 1	RETIRE	27	FOSSIL STM	NAT GAS	NONE	CEN & SWI SOUTHWESTERN ELEC POWER CO	
MARCH	DOLET HILLS NO. 1	NEW	640	FOSSIL STM	LIGNITE	NONE	CENTRAL LOUISIANA ELEC CO, INC	27
	QUINDARO 2 NO. 9	RETIRE	32	FOSSIL STM	NAT GAS	COAL	KANSAS CITY BD OF PUB UTIL (KANS)	
	NEARMAN NO. 2	NEW	310	FOSSIL STM	COAL	NONE	KANSAS CITY BD OF PUB UTIL (KANS)	
	C. & S.W. UNIT NO. 1	NEW	437	FOSSIL STM	LIGNITE	NONE	CEN & SWI SOUTHWESTERN ELEC POWER CO	26
APRIL	BLACK FOX NO. 2	NEW	900	NUC (BWR)	URANIUM	NONE	CEN & SWI PUBLIC SERV CO OF OKLAHOMA	24
MAY	RIVERSIDE NO. 1	NEW	101	COMB TURB	NO. 2 OIL	NONE	KANSAS CITY POWER & LIGHT CO	

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1986 ----								
MAY	PLANT Z PEAKING UNIT NO. 1	NEW NEW	100 70	FOSSIL STM COMB TURB	BITUMINOUS NO. 2 OIL	NONE NONE	MISSOURI PUBLIC SERVICE CO ST JOSEPH LIGHT & POWER CO	29
JUNE	RIVERTON NO. 3 RIVERTON NO. 4 EMPIRE ENERGY CENTER NO. 3 ABILENE NO. 1 ABILENE NO. 2 TECUMSEH NO. 5 TECUMSEH NO. 6	RETIRE RETIRE NEW RETIRE RETIRE RETIRE RETIRE	11 9 300 16 16 30 28	FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM FOSSIL STM	NO. 6 OIL NO. 6 OIL COAL NAT GAS NAT GAS NAT GAS NAT GAS	NONE NONE NONE NO. 6 OIL NO. 6 OIL NO. 6 OIL NO. 6 OIL	EMPIRE DISTRICT ELECTRIC CO (MO) EMPIRE DISTRICT ELECTRIC CO (MO) EMPIRE DISTRICT ELECTRIC CO (MO) KANSAS POWER & LIGHT CO KANSAS POWER & LIGHT CO KANSAS POWER & LIGHT CO KANSAS POWER & LIGHT CO	
JULY	BIG CAJUN 4 NO. 1	NEW	540	FOSSIL STM	LIGNITE	NONE	CAJUN ELEC POWER COOP, INC. (LA)	
SEPT.	RIVER BEND NO. 2	NEW	940	NUC (BWR)	URANIUM	NONE	GULF STATES UTILITIES COMPANY	23
DEC.	HOLLIS DENVER CITY NO. 2 CARLSBAD NO. 3	RETIRE RETIRE RETIRE	4 11 18	DIESEL FOSSIL STM FOSSIL STM	NO. 2 OIL NAT GAS NAT GAS	NONE NONE NO. 2 OIL	CEN & SW PUBLIC SERV CO OF OKLAHOMA SOUTHWESTERN PUBLIC SERVICE CO SOUTHWESTERN PUBLIC SERVICE CO	
N. R.	UNSIDED COAL NO. 3	NEW	500	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO	
1987 ----								
JAN.	LEWIS CREEK NO. 1 COAL 8	DERATE TO NEW	238 700	FOSSIL STM FOSSIL STM	NO. 6 OIL COAL	NONE NONE	GULF STATES UTILITIES COMPANY MID SOUTH MISSISSIPPI POWER & LIGHT CO	30
MARCH	IATAN NO. 2 LAKE DIVERSION	NEW NEW	630 517	FOSSIL STM FOSSIL STM	SUB-BITUM COAL	NONE NONE	KANSAS CITY POWER & LIGHT CO CEN & SW SOUTHWESTERN ELEC POWER CO	31
DEC.	L CATHERINE NO. 3 PATTERSON NO. 1 TULSA NO. 3	RETIRE RETIRE RETIRE	90 46 93	FOSSIL STM FOSSIL STM FOSSIL STM	NAT GAS NAT GAS NAT GAS	NO. 6 OIL NO. 6 OIL NONE	MID SOUTH ARKANSAS POWER & LIGHT CO MIDDLE SOUTH UTILITIES, INC. CEN & SW PUBLIC SERV CO OF OKLAHOMA	
N. R.	UNSIDED COAL NO. 4	NEW	500	FOSSIL STM	COAL	NONE	OKLAHOMA GAS & ELECTRIC CO	

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

- 1 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 30 MW.
- 2 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WAS 23 MW.
- 3 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT 3 WAS 15 MW AND UNIT 4 WAS 25 MW.
- 4 THIS UNIT UPRATED 5 MW.
- 5 UNIT JOINTLY OWNED BY SOUTHWESTERN ELECTRIC POWER COMPANY (264 MW) AND ARKANSAS ELECTRIC COOP., CORP. (264 MW).
- 6 UNIT JOINTLY OWNED BY KANSAS POWER & LIGHT COMPANY (435 MW), KANSAS GAS & ELECTRIC COMPANY (136 MW), MISSOURI PUBLIC SERVICE COMPANY (54 MW) AND WESTERN POWER DIVISION (55 MW).
- 7 THIS UNIT DERATED 3 MW.
- 8 THIS UNIT DERATED 2 MW.
- 9 UNIT JOINTLY OWNED BY PUBLIC SERVICE COMPANY OF OKLAHOMA (350 MW) AND WEST TEXAS UTILITIES COMPANY (100 MW).
- 10 THIS UNIT DERATED 4 MW.
- 11 THIS UNIT DERATED .5 MW.
- 12 UNIT JOINTLY OWNED BY KANSAS CITY POWER & LIGHT COMPANY (535 MW) AND ST. JOSEPH LIGHT & POWER COMPANY (95 MW).
- 13 UNIT JOINTLY OWNED BY ARKANSAS POWER & LIGHT COMPANY (420 MW), ARKANSAS ELECTRIC COOP. (245 MW) AND CITY OF JONESBORO (35 MW).
- 14 UNITS RETIRED ARE GREAT BEND 1, LIBERAL 3 & 4, NESS CITY 1, PHILLIPSBURG 1. ALL ARE DIESELS LESS THAN 1 MW EACH.

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

- 15 THIS UNIT UPRATED 20 MW.
- 16 THIS UNIT DERATED 7 MW.
- 17 THIS UNIT DERATED 14 MW.
- 18 THIS UNIT WAS PLACED ON INACTIVE RESERVE IN JANUARY 1978.
- 19 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. UNIT WA 45 MW.
- 20 UNIT JOINTLY OWNED BY CENTRAL LOUISIANA ELECTRIC CO., INC. (265 MW) AND LAFAYETTE, LOUISIANA, UTILITY SYSTEM (265 MW).
- 21 THIS UNIT WAS FORMERLY REPORTED AS SOUTH PLAINS.
- 22 UNIT JOINTLY OWNED BY KANSAS GAS & ELECTRIC COMPANY (475 MW), KANSAS CITY POWER & LIGHT COMPANY (475 MW) AND VARIOUS RURAL COOPERATIVES (200 MW).
- 23 UNIT JOINTLY OWNED BY GULF STATES UTILITIES CO. (752 MW) AND CAJUN ELECTRIC POWER COOP., INC. (188 MW).
- 24 UNIT (LOCATED IN OKLAHOMA) JOINTLY OWNED BY PUBLIC SERVICE COMPANY OF OKLAHOMA (700 MW), ASSOCIATED ELECTRIC COOP. (250 MW) AND WESTERN FARMERS ASSOCIATION (200 MW). SEE MAIN LIST FOR 1983 AND 1985. UNIT IS REPORTED IN SWPP FOR UNIT REPORTING PURPOSES.
- 25 UNIT JOINTLY OWNED BY CENTRAL KANSAS POWER COMPANY (200 MW) AND CENTRAL TELEPHONE & UTILITIES CORP. (200 MW).
- 26 THIS UNIT DERATED 11 MW.
- 27 UNIT JOINTLY OWNED BY CENTRAL LOUISIANA ELECTRIC CO. AND SOUTHWESTERN ELECTRIC POWER CO. PERCENTAGES NOT YET DETERMINED.
- 28 UNIT JOINTLY OWNED BY SOUTHWESTERN ELECTRIC POWER COMPANY (387 MW) AND PUBLIC SERVICE COMPANY OF OKLAHOMA (50 MW). BOTH COMPANIES ARE SUBSIDIARIES OF CENTRAL & SOUTHWEST CORP.

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SOUTHWEST POWER POOL COORDINATION COUNCIL (SWPP)

- 29 THIS IS MISSOURI PUBLIC SERVICE COMPANY'S SHARE OF A LARGE UNIT WHOSE LOCATION AND OWNERSHIP IS NOT YET DETERMINED.
- 30 THIS UNIT DERATED 27 MW.
- 31 UNIT JOINTLY OWNED BY SOUTHWESTERN ELECTRIC POWER COMPANY (276 MW) AND PUBLIC SERVICE COMPANY OF OKLAHOMA (24 MW).

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	PRIMARY FUEL	ALTERNATE FUEL	SYSTEM NAME	NOTE NO.
-----	-----	-----	---	-----	-----	-----	-----	---
1978								

JAN.	MAGNOLIA NO. 1	RETIRE	10	FOSSIL STM	NO. 6 OIL	NAT GAS	BURBANK PUBLIC SERVICE DEPARTMENT	
	MAGNOLIA NO. 2	RETIRE	11	FOSSIL STM	NO. 6 OIL	NAT GAS	BURBANK PUBLIC SERVICE DEPARTMENT	
	GLEN CANYON NO. 7	UPRATE TO	160	HYDRO	WATER	NONE	USBR UPPER COLORADO REGION	1
	LOWER GRANITE NO. 4	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
FEB.	AMERICAN FALLS NO. 1	RETIRE	3	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. 2	RETIRE	6	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. 3	RETIRE	6	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. 4	RETIRE	6	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. 5	RETIRE	6	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. #1	NEW	30	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. #2	NEW	30	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	AMERICAN FALLS NO. #3	NEW	30	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	GRAND COULEE NO. 22	NEW	700	HYDRO	WATER	NONE	USBR COLUMBIA BASIN PROJECT	
	SEMINOLE NO. 3	UPRATE TO	15	HYDRO	WATER	NONE	USBR WY-NE-CO-INTERCONNECTED SYSTEM	2
	CHIEF JOSEPH NO. 20	NEW	95	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LITTLE GOOSE NO. 4	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
MARCH	CASTAIC NO. 5	NEW	165	PUMP HYDRO	WATER	NONE	LOS ANGELES DEPT OF WATER AND POWER	
	FORT ST. VRAIN NO. 1	NEW	330	NUC (HTGR)	URANIUM	NONE	PUBLIC SERVICE CO OF COLORADO	
APRIL	SAN JUAN NO. 1	DERATE TO	314	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	3
	LOWER GRANITE NO. 5	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
MAY	BEN FRENCH CT NO. 3	NEW	17	COMB TURB	NO. 2 OIL	NONE	BLACK HILLS PWR & LT CO (SD)	
	NEIL SIMPSON NO. 1	RETIRE	2	FOSSIL STM	SUB-BITUM	NONE	BLACK HILLS PWR & LT CO (SD)	
	NEIL SIMPSON NO. 3	RETIRE	1	FOSSIL STM	SUB-BITUM	NONE	BLACK HILLS PWR & LT CO (SD)	
	NEIL SIMPSON NO. 4	RETIRE	1	FOSSIL STM	SUB-BITUM	NONE	BLACK HILLS PWR & LT CO (SD)	
	WYODAK NO. 1	NEW	330	FOSSIL STM	BITUMINOUS	NONE	PACIFIC POWER & LIGHT COMPANY	4
	LITTLE GOOSE NO. 5	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LOWER GRANITE NO. 6	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
JUNE	APACHE NO. 2	NEW	175	FOSSIL STM	SUB-BITUM	NONE	ARIZONA ELECTRIC PWR COOP, INC	
	CHOLLA NO. 2	NEW	235	FOSSIL STM	SUB-BITUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	
	ROCK ISLAND PHASE 2 NO. 8	NEW	51	HYDRO	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	OAKLAND NO. 3	NEW	54	COMB TURB	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	SAN JUAN NO. 2	DERATE TO	306	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	3

PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987
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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1978 -----								
JUNE	COOL WATER NO. CG3	NEW	129	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	
	COOL WATER NO. CS3	NEW	105	C C/STEAM	NO. 6 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	
	LONG BEACH NO. 1	UPRATE TO	58	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	5
	LONG BEACH NO. 2	UPRATE TO	58	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	5
	LONG BEACH NO. 3	UPRATE TO	58	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	5
	LONG BEACH NO. 4	UPRATE TO	58	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	6
	LONG BEACH NO. 5	UPRATE TO	58	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	5
	LONG BEACH NO. 6	UPRATE TO	57	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	6
	LONG BEACH NO. 7	UPRATE TO	57	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	6
	CRYSTAL NO. 1	NEW	28	HYDRO	WATER	NONE	USBR COLORADO RIVER STORAGE PROJECT	
	EMERY NO. 1	NEW	400	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
CHIEF JOSEPH NO. 21	NEW	95	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS		
LITTLE GOOSE NO. 6	NEW	155	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS		
JULY	OAKLAND NO. 1	NEW	54	COMB TURB	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	GLENHARH NO. 8	RETIRE	14	FOSSIL STM	NO. 6 OIL	NAT GAS	PASADENA, CITY OF WTR & PWR DEPT	
	CHIEF JOSEPH NO. 22	NEW	95	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
AUG.	OAKLAND NO. 2	NEW	54	COMB TURB	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	COOL WATER NO. CG4	NEW	129	C C/CT	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	
	COOL WATER NO. CS4	NEW	105	C C/STEAM	NO. 6 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	
	GRAND COULEE NO. 23	NEW	700	HYDRO	WATER	NONE	USBR COLUMBIA BASIN PROJECT	
SEPT.	ROCK ISLAND PHASE 2 NO. 7	NEW	51	HYDRO	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	CHIEF JOSEPH NO. 23	NEW	95	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
OCT.	CASTAIC NO. 6	NEW	135	PUMP HYDRO	WATER	NONE	LOS ANGELES DEPT OF WATER AND POWER	
	GREG AVE. NO. 1	NEW	1	HYDRO	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	GEYSERS NO. 12	NEW	106	GEO THERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	ENCINA NO. 5	NEW	292	FOSSIL STM	NO. 6 OIL	NONE	SAN DIEGO GAS & ELECTRIC COMPANY	
	NORTHEAST NO. 1	NEW	30	COMB TURB	NO. 2 OIL	NONE	WASHINGTON WTR PWR CO, THE	
NORTHEAST NO. 2	NEW	30	COMB TURB	NO. 2 OIL	NONE	WASHINGTON WTR PWR CO, THE		
NOV.	ROCK ISLAND PHASE 2 NO. 6	NEW	51	HYDRO	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	DIABLO CANYON NO. 1	NEW	1060	NUC (PWR)	URANIUM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	CHIEF JOSEPH NO. 24	NEW	95	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1978 ----								
DEC.	GEYSERS NO. 15	NEW	55	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	GRAND COULEE NO. 18	UPRATE TO	144	HYDRD	WATER	NONE	USBR COLUMBIA BASIN PROJECT	7
	GLEN CANYON NO. 3	UPRATE TO	160	HYDRD	WATER	NONE	USBR UPPER COLORADO REGION	1
1979 ----								
JAN.	ROCK ISLAND PHASE 2 NO. 5	NEW	51	HYDRD	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	CRAIG NO. 1	NEW	380	FOSSIL STM	BITUMINOUS	NONE	COLORADO-UTE ELEC ASSN, INC	8
	LONG BEACH NO. 11	UPRATE TO	106	FOSSIL STM	NO. 6 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	9
	MOUNT ELBERT NO. 1	NEW	100	PUMP HYDRD	WATER	NONE	USBR WY-NE-CO-INTERCONNECTED SYSTEM	
	CHIEF JOSEPH NO. 25	NEW	95	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
FEB.	GRAND COULEE NO. 24	NEW	700	HYDRD	WATER	NONE	USBR COLUMBIA BASIN PROJECT	
	LOWER MONUMENTAL NO. 4	NEW	155	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
MARCH	ROCK ISLAND PHASE 2 NO. 4	NEW	51	HYDRD	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	CHIEF JOSEPH NO. 26	NEW	95	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LOWER MONUMENTAL NO. 5	NEW	155	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
APRIL	APACHE NO. 3	NEW	175	FOSSIL STM	SUB-BITUM	NONE	ARIZONA ELECTRIC PWR COOP, INC	
	CORNADO NO. 1	NEW	350	FOSSIL STM	SUB-BITUM	NONE	SALT RIVER PROJ AGRI IMP PWR DIST	10
	AXIS CT NO. 1	NEW	22	COMB TURB	NO. 2 OIL	NAT GAS	SOUTHERN CALIFORNIA EDISON COMPANY	
	LOWER MONUMENTAL NO. 6	NEW	155	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
MAY	BEN FRENCH CT NO. 4	NEW	17	COMB TURB	NO. 2 OIL	NONE	BLACK HILLS PWR & LT CO (SD)	
	ROCK ISLAND PHASE 2 NO. 3	NEW	51	HYDRD	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	DIABLO CANYON NO. 2	NEW	1060	NUC (PWR)	URANIUM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	PRAGER NO. 7	RETIRE	6	FOSSIL STM	NAT GAS	NO. 2 OIL	PUBLIC SERVICE CO OF NEW MEXICO	
	PRAGER NO. 8	RETIRE	5	FOSSIL STM	NAT GAS	NO. 2 OIL	PUBLIC SERVICE CO OF NEW MEXICO	
	SAN JUAN NO. 3	NEW	486	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	11
	CHIEF JOSEPH NO. 27	NEW	95	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
JUNE	CHOLLA NO. 3	NEW	242	FOSSIL STM	SUB-BITUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	
	ROCKWOOD NO. 1	NEW	20	COMB TURB	NO. 2 OIL	NONE	IMPERIAL IRRIGATION DISTRICT	
	CLARK NO. 5	NEW	70	COMB TURB	NAT GAS	NO. 2 OIL	NEVADA POWER COMPANY	

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(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I PRIMARY ALTERNATE -----		SYSTEM NAME -----	NOTE NO. ---
1979 ----								
JUNE	CLARK NO. 6	NEW	70	COMB TLRB	NAT GAS	NO. 2 OIL	NEVADA POWER COMPANY	
	GEYSERS NO. 14	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	NEW MELONES	NEW	300	HYDRO	WATER	NONE	USBR CENTRAL VALLEY PROJECT	
JULY	ROCK ISLAND PHASE 2 NO. 2	NEW	51	HYDRO	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	COLEMAN	UPRATE TO	9	HYDRO	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	12
SEPT.	ROCK ISLAND PHASE 2 NO. 1	NEW	51	HYDRO	WATER	NONE	CHELAN COUNTY P U D NO 1 (WASH)	
	CRAIG NO. 2	NEW	380	FOSSIL STM	BITUMINOUS	NONE	COLORADO-UTE ELEC ASSN, INC	8
	SEMINOLE NO. 1	UPRATE TO	15	HYDRO	WATER	NONE	USBR WY-NE-CO-INTERCONNECTED SYSTEM	2
	SEMINOLE NO. 2	UPRATE TO	15	HYDRO	WATER	NONE	USBR WY-NE-CO-INTERCONNECTED SYSTEM	2
OCT.	GEYSERS NO. 13	NEW	135	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
NOV.	BROWNLEE NO. 5	NEW	225	HYDRO	WATER	NONE	IDAHO POWER COMPANY	
	DIABLO CANYON NO. 1	UPRATE TO	1100	NUC (PWR)	URANIUM	NONE	PACIFIC GAS & ELECTRIC COMPANY	13
DEC.	NIXON NO. 1	NEW	200	FOSSIL STM	BITUMINOUS	NONE	COLORADO SPRINGS, CITY OF	
	JIM BRIDGER NO. 4	NEW	500	FOSSIL STM	BITUMINOUS	NONE	PACIFIC POWER & LIGHT COMPANY	14
1980 ----								
JAN.	DRAKE NO. 2A	RETIRE	2	FOSSIL STM	NAT GAS	NO. 6 OIL	COLORADO SPRINGS, CITY OF	
	DRAKE NO. 2B	RETIRE	2	FOSSIL STM	NAT GAS	NO. 6 OIL	COLORADO SPRINGS, CITY OF	
FEB.	VOLTA	DERATE TO	5	HYDRO	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	15
	MOUNT ELBERT NO. 2	NEW	100	PUMP HYDRO	WATER	NONE	USBR WY-NE-CO-INTERCONNECTED SYSTEM	
MARCH	LAKE MATHEWS NO. 1	NEW	4	HYDRO	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	BIG CREEK 3 NO. 5	NEW	31	HYDRO	WATER	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
APRIL	CORNADO NO. 2	NEW	350	FOSSIL STM	SUB-BITUM	NONE	SALT RIVER PROJ AGRI IMP PWR DIST	10
	LARAMIE RIVER NO. 1	NEW	500	FOSSIL STM	BITUMINOUS	NONE	TRI STATE GEN & TRANS ASSN, INC.	16
MAY	COPPER STATION NO. 1	NEW	73	COMB TURB	NO. 2 OIL	NAT GAS	EL PASO ELECTRIC COMPANY	

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1980 ----								
MAY	DIABLO CANYON NO. 2	UPRATE TO	1100	NUC (PWR)	URANIUM	NONE	PACIFIC GAS & ELECTRIC COMPANY	13
JUNE	CHOLLA NO. 4	NEW	347	FOSSIL STM	SUB-BITUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	
	ROCKWOOD CT NO. 2	NEW	20	COMB TURB	NO. 2 OIL	NONE	IMPERIAL IRRIGATION DISTRICT	
	UNSITE GEOTHERMAL NO. 1	NEW	50	GEOTHERMAL	NAT STEAM	NONE	IMPERIAL IRRIGATION DISTRICT	
	SUNRISE CT NO. 3	NEW	70	COMB TURB	NAT GAS	NO. 2 OIL	NEVADA POWER COMPANY	
	EMERY NO. 2	NEW	400	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
JULY	STEAM PLANT NO. 1	RETIRE	7	FOSSIL STM	NO. 4 OIL	NONE	EUGENE WATER & ELECTRIC BOARD (OR)	
	FOOTHILL NO. 1	NEW	4	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	FOOTHILL NO. 2	NEW	4	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	BOARDMAN	NEW	530	FOSSIL STM	BITUMINOUS	NONE	PORTLAND GENERAL ELECTRIC COMPANY	17
	PAWNEE NO. 1	NEW	470	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF COLORADO	
	SILVERGATE NO. 2	NEW	100	C C/CT	NO. 2 OIL	NAT GAS	SAN DIEGO GAS & ELECTRIC COMPANY	
OCT.	POTRERO NO. 1	RETIRE	58	FOSSIL STM	NO. 6 OIL	NAT GAS	PACIFIC GAS & ELECTRIC COMPANY	
	POTRERO NO. 2	RETIRE	58	FOSSIL STM	NO. 6 OIL	NAT GAS	PACIFIC GAS & ELECTRIC COMPANY	
	ROSS DAM NO. 1	UPRATE TO	132	HYDRD	WATER	NONE	SEATTLE DEPT OF LIGHTING	18
	ROSS DAM NO. 2	UPRATE TO	132	HYDRD	WATER	NONE	SEATTLE DEPT OF LIGHTING	18
	ROSS DAM NO. 3	UPRATE TO	133	HYDRD	WATER	NONE	SEATTLE DEPT OF LIGHTING	19
	ROSS DAM NO. 4	UPRATE TO	134	HYDRD	WATER	NONE	SEATTLE DEPT OF LIGHTING	18
	SAN DIONISIO NO. 2	NEW	220	NUC (PWR)	URANIUM	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	20
NOV.	SAN DIMAS	NEW	9	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
1981 ----								
MARCH	YORBA LINDA NO. 1	NEW	5	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
APRIL	ROLLINS NO. 1	NEW	8	HYDRD	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	
MAY	SELPULVEDA CANYON NO. 1	NEW	9	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	PRAGER NO. 9	RETIRE	11	FOSSIL STM	NAT GAS	NO. 2 OIL	PUBLIC SERVICE CO OF NEW MEXICO	
	SAN JUAN NO. 3	DERATE TO	468	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	21
	SAN JUAN NO. 4	NEW	468	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	11

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1981 ----								
MAY	HANFORD (WNP) NO. 2	NEW	1100	NUC (BWR)	URANIUM	NONE	WASHINGTON PUBLIC POWER SUPPLY SYS	
	BONNEVILLE PH 2 NO. 18	NEW	76	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	BONNEVILLE PH 2 NO. F-1	NEW	15	PUMP HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	BONNEVILLE PH 2 NO. F-2	NEW	15	PUMP HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
JUNE	SUNRISE CT NO. 4	NEW	70	COMB TURB	NAT GAS	NO. 2 OIL	NEVADA POWER COMPANY	
	HELMS NO. 1	NEW	375	PUMP HYDRD	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	HELMS NO. 2	NEW	375	PUMP HYDRD	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	HELMS NO. 3	NEW	375	PUMP HYDRD	WATER	NONE	PACIFIC GAS & ELECTRIC COMPANY	
JULY	POTRERO 7 NO. CG1	NEW	253	C C/CT	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	POTRERO 7 NO. CS1	NEW	125	C C/STEAM	WASTE HEAT	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	BONNEVILLE PH 2 NO. 17	NEW	76	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
SEPT.	COTTONWOOD NO. 1	NEW	15	HYDRD	WATER	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	VENICE NO. 1	NEW	8	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	BONNEVILLE PH 2 NO. 16	NEW	76	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
OCT.	PYRAMID NO. 1	NEW	38	HYDRD	WATER	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	GEYSERS NO. 16	NEW	110	GEO THERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	GEYSERS NO. 17	NEW	110	GEO THERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	VALMY NO. 1	NEW	250	FOSSIL STM	BITUMINOUS	NONE	SIERRA PACIFIC POWER COMPANY	
	SAN ONOFRE NO. 2	UPRATE TO	1100	NUC (PWR)	URANIUM	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	22
NOV.	LOWER FEEDER A NO. 1	NEW	3	HYDRD	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	MAYFIELD NO. 4	NEW	40	HYDRD	WATER	NONE	TACOMA DEPT OF PUB UTIL (LIGHT DIV)	
	BONNEVILLE PH 2 NO. 15	NEW	76	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
1982 ----								
JAN.	PINE PLANT	NEW	80	HYDRD	WATER	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	PYRAMID NO. 2	NEW	38	HYDRD	WATER	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	SAN ONOFRE NO. 3	NEW	220	NUC (PWR)	URANIUM	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	20
	BONNEVILLE PH 2 NO. 14	NEW	76	HYDRD	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1982 ----								
MARCH	LOWER FEEDER B NO. 1 BONNEVILLE PH 2 NO. 13	NEW NEW	3 76	HYDRO HYDRO	WATER WATER	NONE NONE	METROPOLITAN WTR DIST OF SO CALIF U. S. ARMY CORPS OF ENGINEERS	
APRIL	COLSTRIP NO. 3 LARAMIE RIVER NO. 3	NEW NEW	700 500	FOSSIL STM FOSSIL STM	BITUMINOUS BITUMINOUS	NONE NONE	MONTANA POWER COMPANY, THE TRI STATE GEN & TRANS ASSN, INC.	23 16
MAY	PALO VERDE NO. 1 BONNEVILLE PH 2 NO. 12	NEW NEW	1270 76	NUC (PWR) HYDRO	URANIUM WATER	NONE NONE	ARIZONA PUBLIC SERVICE COMPANY U. S. ARMY CORPS OF ENGINEERS	24
JUNE	SANTIAGO CREEK NO. 1 UNIDENTIFIED COGEN NO. 1	NEW NEW	3 50	HYDRO UNREPORTED	WATER UNREPORTED	NONE UNREPORTED	METROPOLITAN WTR DIST OF SO CALIF PACIFIC GAS & ELECTRIC COMPANY	
JULY	FOUR CORNERS NO. 4 BONNEVILLE PH 2 NO. 11	DERATE TO NEW	785 76	FOSSIL STM HYDRO	SUB-BITUM WATER	NONE NONE	ARIZONA PUBLIC SERVICE COMPANY U. S. ARMY CORPS OF ENGINEERS	25
NOV.	RIO HONDO NO. 1 DIABLO CANYON NO. 1 DIABLO CANYON NO. 2	NEW UPRATE TO UPRATE TO	3 1120 1150	HYDRO NUC (PWR) NUC (PWR)	WATER URANIUM URANIUM	NONE NONE NONE	METROPOLITAN WTR DIST OF SO CALIF PACIFIC GAS & ELECTRIC COMPANY PACIFIC GAS & ELECTRIC COMPANY	
DEC.	KERCKHOFF NO. 2 KERCKHOFF NO. H1 KERCKHOFF NO. H2 KERCKHOFF NO. H3	NEW DERATE TO ZERO DERATE TO ZERO DERATE TO ZERO	149 ZERO ZERO ZERO	HYDRO HYDRO HYDRO HYDRO	WATER WATER WATER WATER	NONE NONE NONE NONE	PACIFIC GAS & ELECTRIC COMPANY PACIFIC GAS & ELECTRIC COMPANY PACIFIC GAS & ELECTRIC COMPANY PACIFIC GAS & ELECTRIC COMPANY	
1983 ----								
JAN.	FOUR CORNERS NO. 5 SAN ONOFRE NO. 3	DERATE TO UPRATE TO	785 1100	FOSSIL STM NUC (PWR)	SUB-BITUM URANIUM	NONE NONE	ARIZONA PUBLIC SERVICE COMPANY SOUTHERN CALIFORNIA EDISON COMPANY	25 22
FEB.	COLSTRIP NO. 4	NEW	700	FOSSIL STM	BITUMINOUS	NONE	MONTANA POWER COMPANY, THE	23
MARCH	COVINA NO. 1	NEW	5	HYDRO	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
APRIL	UNSITED GEOTHERMAL NO. 1 SOUTHEASTERN NO. 1	NEW NEW	55 470	GEOTHERMAL FOSSIL STM	NAT STEAM BITUMINOUS	NONE NONE	CA. STATE DEPT. OF WATER RESOURCES PUBLIC SERVICE CO OF COLORADO	

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

(INCLUDES ONLY CONTIGUOUS U.S.)

SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
					PRIMARY	ALTERNATE		
1983								
APRIL	UNSIDED CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	SACRAMENTO MUNICIPAL UTILITY DIST	29
	UNSIDED CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	SACRAMENTO MUNICIPAL UTILITY DIST	29
	UNSIDED CT NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	SACRAMENTO MUNICIPAL UTILITY DIST	29
MAY	WYDDAK NO. 2	NEW	330	FOSSIL STM	SUB-BITUM	NONE	BLACK HILLS PWR & LT CO (SO)	30
	RIO GRANDE NO. 1	RETIRE	13	FOSSIL STM	NO. 2 OIL	NAT GAS	EL PASO ELECTRIC COMPANY	
	RIO GRANDE NO. 2	RETIRE	13	FOSSIL STM	NO. 2 OIL	NAT GAS	EL PASO ELECTRIC COMPANY	
	NEW MEXICO STA.	NEW	472	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF NEW MEXICO	
JUNE	CHOLLA NO. 5	NEW	347	FOSSIL STM	SUB-BITUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	
	UNSIDED GEOTHERMAL NO. 2	NEW	50	GEOTHERMAL	NAT STEAM	NONE	IMPERIAL IRRIGATION DISTRICT	
	WARNER VALLEY NO. 1	NEW	250	FOSSIL STM	BITUMINOUS	NONE	NEVADA POWER COMPANY	31
	UNIDENTIFIED COGEN NO. 2	NEW	50	UNREPORTED	UNREPORTED	UNREPORTED	PACIFIC GAS & ELECTRIC COMPANY	
	EMERY NO. 3	NEW	400	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
	HANFORD (WMP) NO. 1	NEW	1250	NUC (PWR)	URANIUM	NONE	WASHINGTON PUBLIC POWER SUPPLY SYS	
JULY	COYOTE CREEK	NEW	4	HYDRO	WATER	NONE	METROPOLITAN WTR DIST OF SO CALIF	
	PITTSBURG 8 & 9 CSA	NEW	241	C C/STEAM	WASTE HEAT	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	PITTSBURG 8 & 9 CGA	NEW	535	C C/CT	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	UNSIDED FUEL CELL NO. 1	NEW	26	FUEL CELL	UNREPORTED	UNREPORTED	SOUTHERN CALIFORNIA EDISON COMPANY	
AUG.	GEYSERS NO. 18	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
SEPT.	GEYSERS NO. 19	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
OCT.	CRAIG NO. 3	NEW	250	FOSSIL STM	BITUMINOUS	NONE	COLORADO-UTE ELEC ASSN, INC	
NOV.	LIBBY NO. 5	NEW	121	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LIBBY NO. 6	NEW	121	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LIBBY NO. 7	NEW	121	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	LIBBY NO. 8	NEW	121	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL PRIMARY	FUEL ALTERNATE	SYSTEM NAME	NOTE NO.
1984								
JAN.	UNSITEO GEOTHERMAL NO. 2	NEW	55	GEOTHERMAL	NAT STEAM	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	LIBBY REREGULATING NO. 1	NEW	18	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
MARCH	LIBBY REREGULATING NO. 2	NEW	35	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
APRIL	SOUTHEASTERN NO. 2	NEW	470	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF COLORADO	28
	STATION B	RETIRE	87	FOSSIL STM	NO. 2 OIL	NAT GAS	SAN DIEGO GAS & ELECTRIC COMPANY	
	SUNDESERT NO. 1	NEW	974	NUC (PWR)	URANIUM	NONE	SAN DIEGO GAS & ELECTRIC COMPANY	32
MAY	PALO VERDE NO. 2	NEW	1270	NUC (PWR)	URANIUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	24
	LIBBY REREGULATING NO. 3	NEW	35	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
JUNE	WARNER VALLEY NO. 2	NEW	250	FOSSIL STM	BITUMINOUS	NONE	NEVADA POWER COMPANY	31
	GEYSERS NO. 20	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	GEYSERS NO. 21	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	UNIDENTIFIED COGEN NO. 3	NEW	50	UNREPORTED	UNREPORTED	UNREPORTED	PACIFIC GAS & ELECTRIC COMPANY	
	SATSOP(WNP) NO. 3	NEW	1240	NUC (PWR)	URANIUM	NONE	WASHINGTON PUBLIC POWER SUPPLY SYS	33
DEC.	HANFORD(WNP) NO. 4	NEW	1250	NUC (PWR)	URANIUM	NONE	WASHINGTON PUBLIC POWER SUPPLY SYS	
1985								
JAN.	RAWHIDE NO. 1	NEW	230	FOSSIL STM	BITUMINOUS	NONE	PLATT RIVER POWER AUTH.	
MAY	UNSITEO	NEW	300	PUMP HYDRO	WATER	NONE	PUBLIC SERVICE CO OF NEW MEXICO	
	SPRINGEVILLE	NEW	312	FOSSIL STM	SUB-BITUM	NONE	TUCSON GAS & ELECTRIC COMPANY	
JUNE	M. ALLEN NO. 1	NEW	500	FOSSIL STM	BITUMINOUS	NONE	NEVADA POWER COMPANY	34
	PITTSBURG 8 & 9 CGR	NEW	241	C C/STEAM	WASTE HEAT	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	PITTSBURG 8 & 9 CGR	NEW	535	C C/CT	NO. 2 OIL	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	UNIDENTIFIED COGEN NO. 4	NEW	50	UNREPORTED	UNREPORTED	UNREPORTED	PACIFIC GAS & ELECTRIC COMPANY	
	LUCERNE VALLEY NO. 1	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 2	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 3	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 4	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1985 ----								
JUNE	LUCERNE VALLEY NO. 5	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 6	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 7	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 8	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 9	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	HYDRO	NEW	140	HYDRO	WATER	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	EMERY NO. 4	NEW	400	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
JULY	STEAM PLANT NO. 2	RETIRE	10	FOSSIL STM	UNREPORTED	NO. 4 OIL	EUGENE WATER & ELECTRIC BOARD (DR)	
	SKAGIT NO. 1	NEW	1255	NUC (BWR)	URANIUM	NONE	PUGET SOUND POWER & LIGHT COMPANY	36
SEPT.	COUGAR NO. 3	NEW	40	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
	STRUBE NO. 1	NEW	5	HYDRO	WATER	NONE	U. S. ARMY CORPS OF ENGINEERS	
OCT.	VALMY NO. 2	NEW	250	FOSSIL STM	BITUMINOUS	NONE	SIERRA PACIFIC POWER COMPANY	
NOV.	FOSSIL NO. 1	NEW	800	FOSSIL STM	BITUMINOUS	NONE	PACIFIC GAS & ELECTRIC COMPANY	
DEC.	SAN LUIS OBISPO NO. 1	NEW	5	HYDRO	WATER	NONE	CA. STATE DEPT. OF WATER RESOURCES	
	SATSOP (PWP) NO. 5	NEW	1240	NUC (PWR)	URANIUM	NONE	WASHINGTON PUBLIC POWER SUPPLY SYS	37
1986 ----								
JAN.	SUNDESERT NO. 2	NEW	974	NUC (PWR)	URANIUM	NONE	SAN DIEGO GAS & ELECTRIC COMPANY	32
	WIND NO. 1	NEW	4	WINDMIL	WIND	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	AUBURN NO. 1	NEW	300	HYDRO	WATER	NONE	USBR CENTRAL VALLEY PROJECT	
APRIL	PEBBLE SPRINGS NO. 1	NEW	1260	NUC (PWR)	URANIUM	NONE	PORTLAND GENERAL ELECTRIC COMPANY	38
	PAWNEE NO. 2	NEW	470	FOSSIL STM	BITUMINOUS	NONE	PUBLIC SERVICE CO OF COLORADO	28
	TRI-STATE PLANT	NEW	350	FOSSIL STM	SUB-BITUM	NONE	TRI STATE GEN & TRANS ASSN, INC.	
MAY	PALO VERDE NO. 3	NEW	1270	NUC (PWR)	URANIUM	NONE	ARIZONA PUBLIC SERVICE COMPANY	24
	SANTA FE NO. 1	RETIRE	5	FOSSIL STM	NAT GAS	NO. 2 OIL	PUBLIC SERVICE CO OF NEW MEXICO	
	SANTA FE NO. 2	RETIRE	6	FOSSIL STM	NAT GAS	NO. 2 OIL	PUBLIC SERVICE CO OF NEW MEXICO	
	UNSITEF FUEL CELL NO. 2	NEW	26	FUEL CELL	UNREPORTED	UNREPORTED	SOUTHERN CALIFORNIA EDISON COMPANY	

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SCHED MONTH	UNIT NAME	STATUS	MW	UNIT TYPE	FUEL		SYSTEM NAME	NOTE NO.
-----	-----	-----	---	-----	PRIMARY	ALTERNATE	-----	---
1986								
MAY	UNSITEO FUEL CELL NO. 3	NEW	26	FUEL CELL	UNREPORTED	UNREPORTED	SOUTHERN CALIFORNIA EDISON COMPANY	
JUNE	UNSITEO GEOTHERMAL NO. 3	NEW	50	GEOTHERMAL	NAT STEAM	NONE	IMPERIAL IRRIGATION DISTRICT	
	M. ALLEN NO. 2	NEW	500	FOSSIL STM	BITUMINOUS	NONE	NEVADA POWER COMPANY	34
	UNSITEO GEOTHERMAL	NEW	110	GEOTHERMAL	NAT STEAM	NONE	PACIFIC GAS & ELECTRIC COMPANY	
	UNIDENTIFIED COGEN NO. 5	NEW	50	UNREPORTED	UNREPORTED	UNREPORTED	PACIFIC GAS & ELECTRIC COMPANY	
	LUCERNE VALLEY NO. 1	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 2	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 3	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 4	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 5	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 10	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 11	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. 12	NEW	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	35
	LUCERNE VALLEY NO. CG1	NEW	300	C C/CT	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	LUCERNE VALLEY NO. CS1	NEW	130	C C/STEAM	WASTE HEAT	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO GEOTHERMAL NO. 1	NEW	50	GEOTHERMAL	NAT STEAM	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO GEOTHERMAL NO. 2	NEW	50	GEOTHERMAL	NAT STEAM	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	NEPHI NO. 1	NEW	500	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
OCT.	INTERMOUNTAIN NO. 1	NEW	750	FOSSIL STM	BITUMINOUS	NONE	LOS ANGELES DEPT OF WATER AND POWER	40
NOV.	NIXON NO. 2	NEW	200	FOSSIL STM	BITUMINOUS	NONE	COLORADO SPRINGS, CITY OF	
	FOSSIL NO. 2	NEW	800	FOSSIL STM	BITUMINOUS	NONE	PACIFIC GAS & ELECTRIC COMPANY	
1987								
JAN.	WIND NO. 2	NEW	6	WINDMILL	WIND	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO FUEL CELL NO. 4	NEW	26	FUEL CELL	UNREPORTED	UNREPORTED	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO FUEL CELL NO. 5	NEW	26	FUEL CELL	UNREPORTED	UNREPORTED	SOUTHERN CALIFORNIA EDISON COMPANY	
MAY	UNSITEO CT NO. 1	NEW	50	COMB TURB	NO. 2 OIL	NONE	ARIZONA PUBLIC SERVICE COMPANY	29
	UNSITEO CT NO. 2	NEW	50	COMB TURB	NO. 2 OIL	NONE	ARIZONA PUBLIC SERVICE COMPANY	29
	UNSITEO CT NO. 3	NEW	50	COMB TURB	NO. 2 OIL	NONE	ARIZONA PUBLIC SERVICE COMPANY	29
	UNSITEO CT NO. 4	NEW	50	COMB TURB	NO. 2 OIL	NONE	ARIZONA PUBLIC SERVICE COMPANY	29

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

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SCHED MONTH -----	UNIT NAME -----	STATUS -----	MW --	UNIT TYPE -----	I----- FUEL -----I		SYSTEM NAME -----	NOTE NO. ---
					PRIMARY -----	ALTERNATE -----		
1987 ----								
JUNE	UNSITEO NO. 1	NEW	30	UNREPORTED	UNREPORTED	UNREPORTED	BURBANK PUBLIC SERVICE DEPARTMENT	
	H. ALLEN NO. 3	NEW	500	FOSSIL STM	BITUMINOUS	NONE	NEVADA POWER COMPANY	34
	UNIDENTIFIED COGEN NO. 6	NEW	50	UNREPORTED	UNREPORTED	UNREPORTED	PACIFIC GAS & ELECTRIC COMPANY	
	LUCERNE VALLEY NO. 5	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 7	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 8	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 9	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 10	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 11	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. 12	RETIRE	60	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	39
	LUCERNE VALLEY NO. CG2	NEW	420	C C/CT	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	LUCERNE VALLEY NO. CG3	NEW	180	C C/CT	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	LUCERNE VALLEY NO. CS2	NEW	260	C C/STEAM	WASTE HEAT	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 1	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 2	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 3	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 4	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 5	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 6	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	UNSITEO CT NO. 7	NEW	55	COMB TURB	NO. 2 OIL	NONE	SOUTHERN CALIFORNIA EDISON COMPANY	
	NEPHI NO. 2	NEW	500	FOSSIL STM	BITUMINOUS	NONE	UTAH POWER & LIGHT COMPANY	
JULY	GLENARM NO. 9	RETIRE	45	FOSSIL STM	NO. 6 OIL	NAT GAS	PASADENA, CITY OF WTR & PWR DEPT	
	SKAGIT NO. 2	NEW	1255	NUC (BWR)	URANIUM	NONE	PUGET SOUND POWER & LIGHT COMPANY	36
OCT.	SOUTHWEST NO. 1	NEW	250	FOSSIL STM	BITUMINOUS	NONE	COLORADO-UTE ELEC ASSN, INC	
	INTERMOUNTAIN NO. 2	NEW	750	FOSSIL STM	BITUMINOUS	NONE	LOS ANGELES DEPT OF WATER AND POWER	40
	UNSITEO NO. 1	NEW	50	COMB TURB	UNREPORTED	UNREPORTED	MONTANA POWER COMPANY, THE	29
	UNSITEO NO. 2	NEW	50	COMB TURB	UNREPORTED	UNREPORTED	MONTANA POWER COMPANY, THE	29
	UNSITEO NO. 3	NEW	50	COMB TURB	UNREPORTED	UNREPORTED	MONTANA POWER COMPANY, THE	29

FOOTNOTES FOR PROPOSED GENERATING CAPACITY CHANGES FOR THE PERIOD 1978 THRU 1987

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

- 1 THIS UNIT UPATED 23 MW.
- 2 THIS UNIT UPATED 4 MW.
- 3 THIS UNIT DERATED 16 MW.
- 4 UNIT JOINTLY OWNED BY PACIFIC POWER & LIGHT COMPANY (264 MW) AND BLACK HILLS POWER & LIGHT COMPANY (66 MW).
- 5 THIS UNIT UPATED 8 MW.
- 6 THIS UNIT UPATED 7 MW.
- 7 THIS UNIT UPATED 17 MW.
- 8 UNIT JOINTLY OWNED BY COLORADO UTE ELECTRIC ASSOCIATION (110 MW), SALT RIVER PROJECT (110 MW), TRI-STATE G & T ASSOCIATION (91 MW) AND PLATTE RIVER POWER AUTHORITY (69 MW).
- 9 THIS UNIT UPATED 56 MW.
- 10 UNIT JOINTLY OWNED BY SALT RIVER PROJECT (245 MW) AND LOS ANGELES DEPT. OF WATER & POWER (105 MW).
- 11 UNIT JOINTLY OWNED BY PUBLIC SERVICE COMPANY OF NEW MEXICO (243 MW) AND TUCSON GAS & ELECTRIC COMPANY (243 MW).
- 12 THIS UNIT UPATED 3 MW.
- 13 THIS UNIT UPATED 40 MW.
- 14 UNIT JOINTLY OWNED BY PACIFIC POWER & LIGHT COMPANY (335 MW) AND IDAHO POWER COMPANY (165 MW).

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

- 15 THIS UNIT DERATED 2 MW.
- 16 UNIT JOINTLY OWNED BY BASIN ELECTRIC POWER COOPERATIVE (210 MW), TRI-STATE G & T ASSOCIATION (120 MW), MISSOURI BASIN MUNICIPAL POWER AGENCY (85 MW), LINCOLN ELECTRIC SYSTEM (65 MW), HEARTLAND CONSUMER'S POWER AGENCY (15 MW), AND WYOMING MUNICIPAL POWER AGENCIES (5 MW).
- 17 UNIT JOINTLY OWNED BY PORTLAND GENERAL ELECTRIC COMPANY (420 MW), BONNEVILLE POWER ADMINISTRATION (53 MW) AND IDAHO POWER COMPANY (53 MW).
- 18 THIS UNIT UPDATED 20 MW.
- 19 THIS UNIT UPDATED 19 MW.
- 20 UNIT JOINTLY OWNED BY SOUTHERN CALIFORNIA EDISON COMPANY (176 MW) AND SAN DIEGO GAS & ELECTRIC COMPANY (44 MW).
- 21 THIS UNIT DERATED 18 MW.
- 22 UNIT JOINTLY OWNED BY SOUTHERN CALIFORNIA EDISON COMPANY (880 MW) AND SAN DIEGO GAS & ELECTRIC COMPANY (220 MW). THIS UNIT UPDATED 880 MW.
- 23 UNIT JOINTLY OWNED BY MONTANA POWER COMPANY (210 MW), PUGET SOUND POWER & LIGHT COMPANY (175 MW), PACIFIC GAS & ELECTRIC COMPANY (140 MW), WASHINGTON WATER POWER COMPANY (105 MW), AND PACIFIC POWER & LIGHT COMPANY (70 MW).
- 24 UNIT JOINTLY OWNED BY ARIZONA PUBLIC SERVICE COMPANY (370 MW), SALT RIVER PROJECT (297 MW), SOUTHERN CALIFORNIA EDISON COMPANY (201 MW), EL PASO ELECTRIC COMPANY (201 MW), PUBLIC SERVICE COMPANY OF NEW MEXICO (129 MW) AND LOS ANGELES DEPT. OF WATER & POWER (72 MW).
- 25 THIS UNIT DERATED 15 MW.
- 27 GENERATING UNIT REMOVED FROM SERVICE BUT PLACED ON INACTIVE RESERVE. THREE UNITS AT KERCKHOFF TOTAL 38 MW.

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WESTERN SYSTEMS COORDINATING COUNCIL (WSCC)

- 28 POTENTIAL JOINT UNIT.
- 29 NUMBER AND MEGAWATT VALUE OF UNITS ESTIMATED BY DUE STAFF.
- 30 UNIT JOINTLY OWNED BY BLACK HILLS POWER & LIGHT COMPANY (132 MW) AND OTHER PARTICIPANTS NOT NAMED.
- 31 UNIT JOINTLY OWNED BY NEVADA POWER COMPANY (62 MW) AND UNDETERMINED (188 MW).
- 32 UNIT JOINTLY OWNED BY SAN DIEGO GAS & ELECTRIC COMPANY (487 MW), CITY OF GLENDALE (19 MW), CITY OF PASADENA (19 MW), LOS ANGELES DEPT. OF WATER & POWER (195 MW), CALIFORNIA DEPT. OF WATER RESOURCES (146 MW), CITY OF BURBANK (19 MW), CITY OF RIVERSIDE (39 MW) AND CITY OF ANAHEIM (50 MW).
- 33 UNIT JOINTLY OWNED BY BONNEVILLE POWER ADMINISTRATION (868 MW), PACIFIC POWER & LIGHT COMPANY (124 MW), PORTLAND GENERAL ELECTRIC COMPANY (124 MW), PUGET SOUND POWER & LIGHT COMPANY (62 MW) AND WASHINGTON WATER POWER COMPANY (62 MW).
- 34 UNIT JOINTLY OWNED BY NEVADA POWER COMPANY (100 MW) AND UNDETERMINED (400 MW).
- 35 THESE LUCERNE VALLEY COMBUSTION TURBINE UNITS ARE TO BE CONVERTED INTO PORTIONS OF THREE COMBINED CYCLE UNITS TOTALING 1290 MW WITH ONE UNIT SCHEDULED FOR JUNE 1986 AND TWO MORE SCHEDULED FOR JUNE 1987.
- 36 UNIT JOINTLY OWNED BY PUGET SOUND POWER & LIGHT COMPANY (502 MW), PORTLAND GENERAL ELECTRIC COMPANY (376.5 MW), PACIFIC POWER & LIGHT COMPANY (251 MW), AND WASHINGTON WATER POWER COMPANY (125.5 MW).
- 37 UNIT JOINTLY OWNED BY PUBLIC AGENCIES (1116 MW) AND PACIFIC POWER & LIGHT COMPANY (124 MW).
- 38 UNIT JOINTLY OWNED BY PORTLAND GENERAL ELECTRIC COMPANY (504 MW), PACIFIC POWER & LIGHT COMPANY (315 MW), PUGET SOUND POWER & LIGHT COMPANY (252 MW) AND UNCOMMITTED (189 MW).
- 39 THESE LUCERNE VALLEY COMBUSTION TURBINE UNITS ARE TO BE CONVERTED TO COMBINED CYCLE OPERATION.
- 40 UNIT JOINTLY OWNED BY LOS ANGELES DEPT. OF WATER & POWER (375 MW), CITY OF ANAHEIM (112.5 MW), CITY OF GLENDALE (18.75 MW), CITY OF BURBANK (18.75 MW), CITY OF PASADENA (37.5 MW), CITY OF RIVERSIDE (75 MW), AND INTERMOUNTAIN POWER ASSOCIATION (112.5 MW).