

TABLE U-1

AVISTA CORP (WVP)  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1102	1102	1077	1188	1284	1382	1472	1449	1237	1152	1152	1085	1076	1108
2 EXPORTS	85	85	20	0	65	85	125	70	0	0	0	0	0	0
3 CONTRACTS OUT	1083	1083	1089	883	933	953	1021	1033	1033	1017	1017	940	1179	1206
4 TOTAL LOADS	2270	2270	2186	2071	2282	2420	2618	2552	2270	2169	2169	2025	2255	2314
RESOURCES														
5 REGULATED HYDRO	1156	1145	1145	1157	1162	1137	1116	1111	1105	1108	1107	1120	1152	1155
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8 CAN. ENT. RETURN (CANADA)	-7	-7	-7	-6	-7	-7	-6	-6	-7	-7	-6	-7	-7	-6
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1148	1137	1137	1150	1154	1129	1109	1104	1097	1100	1100	1112	1144	1148
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	69	69	69	69	69	69	69	69	69	69	69	69	69	69
13 CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14 RENEWABLES	48	48	48	48	48	48	48	48	48	48	48	0	48	48
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	264	264	254	254	360	407	407	406	318	315	315	231	232	219
18 LARGE THERMAL	423	423	423	423	423	423	423	423	423	423	312	322	423	423
19 NON-UTILITY GENERATION	243	243	244	244	246	249	250	250	252	252	252	226	226	245
20 TOTAL RESOURCES	2205	2194	2185	2198	2310	2335	2316	2310	2217	2217	2106	1970	2152	2162
21 HYD SM THRM & MISC RESERVES	-76	-75	-75	-76	-76	-75	-74	-74	-74	-74	-74	-71	-75	-76
22 LARGE THERMAL RESERVES	-64	-64	-63	-64	-64	-64	-64	-63	-64	-63	-47	-48	-63	-64
23 HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
24 NET RESOURCES	1897	1898	1906	1963	2134	2174	2169	1999	1930	2003	1935	1832	2001	1952
25 SURPLUS/DEFICIT	-373	-372	-280	-108	-148	-246	-449	-553	-340	-166	-234	-193	-254	-362
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1422	1411	1411	1424	1428	1403	1383	1378	1371	1374	1374	1285	1418	1422
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-373	-372	-280	-108	-148	-246	-449	-553	-340	-166	-234	-193	-254	-362
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-218	-235	-250	-246	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-373	-372	-280	-108	-366	-481	-699	-799	-340	-166	-234	-193	-254	-362

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AVISTA CORP (WVP)  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1085	1085	1055	1158	1254	1353	1447	1422	1215	1132	1132	1069	1062	1094
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	450	450	450	250	250	250	250	250	250	250	250	250	300	300
4 TOTAL LOADS	1535	1535	1505	1408	1504	1603	1697	1672	1465	1382	1382	1319	1362	1394
RESOURCES														
5 REGULATED HYDRO	1153	1141	1141	1152	1157	1132	1111	1106	1100	1103	1102	1116	1149	1152
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-11	-12	-11	-11	-11	-11	-11	-11	-11	-11	-11	-12	-11	-11
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1143	1130	1131	1142	1147	1122	1101	1096	1090	1093	1092	1105	1139	1142
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	69	69	69	69	69	69	69	69	69	69	69	69	69	69
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	48	48	48	48	48	48	48	48	48	48	48	0	48	48
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	106	156	156	156	67	67	67	0	0	0
18 LARGE THERMAL	423	423	423	423	423	423	423	423	423	322	211	423	423	423
19 NON-UTILITY GENERATION	184	184	186	185	187	190	191	191	193	193	193	191	191	180
20 TOTAL RESOURCES	1867	1854	1857	1867	1980	2008	1988	1983	1890	1792	1680	1788	1870	1862
21 HYD SM THRM & MISC RESERVES	-73	-72	-72	-73	-73	-72	-71	-71	-71	-71	-71	-69	-73	-73
22 LARGE THERMAL RESERVES	-64	-64	-64	-64	-64	-64	-63	-63	-64	-48	-32	-63	-63	-64
23 HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
24 NET RESOURCES	1562	1561	1580	1635	1807	1850	1845	1675	1606	1596	1527	1637	1721	1655
25 SURPLUS/DEFICIT	27	26	75	227	303	247	148	3	141	214	145	318	359	261
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1413	1400	1401	1412	1417	1392	1371	1366	1360	1262	1261	1375	1409	1412
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	27	26	75	227	303	247	148	3	141	214	145	318	359	261
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-213	-230	-246	-242	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	27	26	75	227	90	17	-98	-239	141	214	145	318	359	261

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AVISTA CORP (WVP)  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

RUN DATE: 12/31/98

1937 WATER YEAR	2008- 9 OPERATING YEAR													
PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1078	1078	1044	1134	1227	1324	1420	1395	1193	1114	1114	1057	1055	1088
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	200	200	200	150	150	150	150	150	150	150	150	150	150	150
4 TOTAL LOADS	1278	1278	1244	1284	1377	1474	1570	1545	1343	1264	1264	1207	1205	1238
RESOURCES														
5 REGULATED HYDRO	1101	1090	1090	1102	1107	1082	1061	1056	1050	1053	1052	1065	1097	1100
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1094	1083	1083	1095	1100	1075	1054	1049	1043	1046	1045	1058	1090	1093
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	69	69	69	69	69	69	69	69	69	69	69	69	69	69
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	48	48	48	48	48	48	48	48	48	48	48	0	48	48
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	106	156	156	156	67	67	67	0	0	0
18 LARGE THERMAL	423	423	423	423	423	423	423	423	423	423	312	322	423	423
19 NON-UTILITY GENERATION	181	181	181	181	181	181	181	181	181	181	181	181	179	180
20 TOTAL RESOURCES	1815	1804	1804	1816	1927	1952	1931	1926	1831	1834	1722	1630	1809	1813
21 HYD SM THRM & MISC RESERVES	-70	-69	-69	-70	-70	-69	-68	-68	-67	-67	-68	-66	-70	-70
22 LARGE THERMAL RESERVES	-63	-63	-63	-64	-64	-64	-64	-64	-63	-63	-47	-48	-64	-63
23 HYDRO MAINTENANCE	-168	-157	-141	-95	-36	-22	-9	-174	-149	-77	-50	-19	-13	-70
24 NET RESOURCES	1514	1515	1531	1587	1757	1797	1790	1620	1552	1627	1557	1497	1662	1610
25 SURPLUS/DEFICIT	236	237	287	303	380	323	220	75	209	363	293	290	457	372
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1364	1353	1353	1365	1370	1345	1324	1319	1313	1316	1315	1227	1360	1363
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	236	237	287	303	380	323	220	75	209	363	293	290	457	372
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-209	-225	-241	-237	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	236	237	287	303	171	98	-21	-162	209	363	293	290	457	372

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IDAHO POWER COMPANY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2259	2259	2061	1911	2048	2104	2147	2069	1902	1903	1903	2123	2393	2403
2 EXPORTS	197	197	194	144	145	172	173	149	142	171	171	195	181	162
3 CONTRACTS OUT	269	269	276	260	264	314	314	314	264	264	264	264	264	264
4 TOTAL LOADS	2725	2725	2531	2315	2457	2590	2634	2532	2308	2338	2338	2582	2838	2829
RESOURCES														
5 REGULATED HYDRO	1345	1281	1270	1253	1066	1277	1271	1111	1265	1345	1345	1345	1183	1257
6 INDEPENDENT HYDRO	411	382	366	349	344	360	344	335	320	328	354	387	387	410
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1756	1663	1636	1602	1410	1637	1615	1446	1585	1673	1699	1732	1570	1667
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	179	179	107	45	45	45	45	45	45	75	75	75	75	125
18 LARGE THERMAL	1002	1002	1002	1001	1002	1002	1002	1001	1002	825	649	772	1002	1001
19 NON-UTILITY GENERATION	136	136	117	86	72	53	53	58	70	101	101	129	146	144
20 TOTAL RESOURCES	3073	2980	2862	2734	2529	2737	2715	2550	2702	2674	2524	2708	2793	2937
21 HYD SM THRM & MISC RESERVES	-95	-90	-88	-84	-74	-85	-84	-75	-83	-89	-90	-93	-86	-91
22 LARGE THERMAL RESERVES	-150	-150	-150	-150	-150	-150	-150	-150	-150	-124	-97	-116	-150	-150
23 HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
24 NET RESOURCES	2747	2659	2558	2455	2290	2502	2481	2286	2373	2421	2297	2481	2547	2610
25 SURPLUS/DEFICIT	22	-66	27	140	-167	-88	-153	-246	65	83	-41	-101	-291	-219
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2491	2398	2347	2307	2099	2286	2263	2120	2279	2216	2066	2278	2323	2418
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	22	-66	27	140	-167	-88	-153	-246	65	83	-41	-101	-291	-219
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-274	-282	-288	-277	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	22	-66	27	140	-441	-370	-441	-523	65	83	-41	-101	-291	-219

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IDAHO POWER COMPANY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2291	2291	2100	1927	2061	2114	2166	2085	1920	1918	1918	2154	2419	2431
2 EXPORTS	151	151	151	99	115	121	45	45	45	75	75	75	75	75
3 CONTRACTS OUT	0	0	0	0	0	50	0	0	0	0	0	0	0	0
4 TOTAL LOADS	2442	2442	2251	2026	2176	2285	2211	2130	1965	1993	1993	2229	2494	2506
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1345	1281	1270	1253	1066	1277	1271	1111	1265	1345	1345	1345	1183	1257
6 INDEPENDENT HYDRO	411	382	366	349	344	360	344	335	320	328	354	387	387	410
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1756	1663	1636	1602	1410	1637	1615	1446	1585	1673	1699	1732	1570	1667
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	179	179	107	45	45	45	45	45	45	75	75	75	75	75
18 LARGE THERMAL	1002	1002	1002	1002	1002	1002	1002	1002	648	880	881	948	1002	1002
19 NON-UTILITY GENERATION	136	136	117	86	72	53	53	58	70	101	101	129	146	144
20 TOTAL RESOURCES	3073	2980	2862	2735	2529	2737	2715	2551	2348	2729	2756	2884	2793	2888
21 HYD SM THRM & MISC RESERVES	-94	-90	-88	-84	-74	-85	-83	-75	-83	-89	-90	-93	-86	-91
22 LARGE THERMAL RESERVES	-150	-150	-150	-150	-150	-150	-150	-150	-97	-132	-132	-142	-150	-150
23 HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
24 NET RESOURCES	2748	2659	2558	2456	2290	2502	2482	2287	2072	2468	2494	2631	2547	2561
25 SURPLUS/DEFICIT	306	217	307	430	114	217	271	157	107	475	501	402	53	55
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2523	2430	2384	2341	2119	2321	2375	2211	2008	2480	2507	2567	2423	2518
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	306	217	307	430	114	217	271	157	107	475	501	402	53	55
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-276	-283	-290	-279	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	306	217	307	430	-162	-66	-19	-122	107	475	501	402	53	55

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IDAHO POWER COMPANY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2359	2359	2178	1974	2107	2160	2220	2168	1970	1968	1968	2231	2494	2507
2 EXPORTS	75	75	75	45	45	45	45	45	45	75	75	75	75	75
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	2434	2434	2253	2019	2152	2205	2265	2213	2015	2043	2043	2306	2569	2582
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1345	1281	1270	1253	1066	1277	1271	1111	1265	1345	1345	1345	1183	1257
6 INDEPENDENT HYDRO	411	382	366	349	344	360	344	335	320	328	354	387	387	410
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1756	1663	1636	1602	1410	1637	1615	1446	1585	1673	1699	1732	1570	1667
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	75	75	75	45	45	45	45	45	45	75	75	75	75	75
18 LARGE THERMAL	1002	1002	1002	1002	1002	1002	1001	1001	825	880	527	949	1002	1002
19 NON-UTILITY GENERATION	136	136	117	86	72	53	53	58	70	101	101	129	146	144
20 TOTAL RESOURCES	2969	2876	2830	2735	2529	2737	2714	2550	2525	2729	2402	2885	2793	2888
21 HYD SM THRM & MISC RESERVES	-95	-90	-88	-84	-74	-84	-83	-75	-83	-89	-90	-93	-86	-90
22 LARGE THERMAL RESERVES	-150	-150	-150	-150	-150	-150	-150	-150	-124	-132	-79	-142	-150	-150
23 HYDRO MAINTENANCE	-81	-81	-66	-45	-15	0	0	-39	-96	-40	-40	-18	-10	-86
24 NET RESOURCES	2643	2555	2526	2456	2290	2503	2481	2286	2222	2468	2193	2632	2547	2562
25 SURPLUS/DEFICIT	209	121	273	437	138	298	216	73	207	425	150	326	-22	-20
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2599	2506	2460	2395	2189	2397	2374	2210	2185	2480	2153	2568	2423	2518
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	209	121	273	437	138	298	216	73	207	425	150	326	-22	-20
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-282	-290	-297	-291	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	209	121	273	437	-144	8	-81	-218	207	425	150	326	-22	-20

TABLE U-3

MONTANA POWER COMPANY  
REGIONAL LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	392	392	393	399	439	467	474	442	400	371	371	361	391	405
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	144	144	94	94	94	94	94	94	94	94	94	0	0	144
4 TOTAL LOADS	536	536	487	493	533	561	568	536	494	465	465	361	391	549
RESOURCES														
5 REGULATED HYDRO	83	83	72	76	82	76	77	71	71	74	65	55	59	84
6 INDEPENDENT HYDRO	93	93	86	73	86	85	87	77	82	87	77	60	74	98
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	176	176	158	149	168	161	164	148	153	161	142	115	133	182
11 SMALL THERMAL & MISC	50	50	44	47	51	48	49	46	46	49	43	35	0	52
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	300	300	300	300	300	350	350	350	300	300	300	300	300	300
18 LARGE THERMAL	398	398	377	387	401	391	394	384	384	344	150	308	354	403
19 NON-UTILITY GENERATION	33	33	30	33	35	33	33	31	32	34	30	24	26	35
20 TOTAL RESOURCES	957	957	909	916	955	983	990	959	915	888	665	782	813	972
21 HYD SM THRM & MISC RESERVES	-13	-13	-12	-11	-13	-12	-12	-11	-11	-12	-11	-9	-8	-13
22 LARGE THERMAL RESERVES	-60	-60	-57	-58	-60	-59	-59	-58	-58	-51	-22	-46	-53	-60
23 HYDRO MAINTENANCE	-11	-11	0	0	0	0	0	-3	-6	0	0	0	0	-2
24 NET RESOURCES	873	873	840	847	882	912	919	887	840	825	632	727	751	897
25 SURPLUS/DEFICIT	337	337	353	353	349	352	351	350	346	360	168	367	360	348
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	432	432	440	444	479	510	516	488	445	414	420	323	388	445
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	337	337	353	353	349	352	351	350	346	360	168	367	360	348
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	337	337	353	353	349	352	351	350	346	360	168	367	360	348

TABLE U-3

MONTANA POWER COMPANY  
REGIONAL LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	383	383	388	391	431	459	464	435	393	367	367	355	385	400
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	144	144	94	94	94	94	94	94	94	94	94	0	0	94
4 TOTAL LOADS	527	527	482	485	525	553	558	529	487	461	461	355	385	494
RESOURCES														
5 REGULATED HYDRO	99	99	89	94	99	94	102	97	87	93	82	75	79	92
6 INDEPENDENT HYDRO	113	113	108	90	104	103	118	105	103	111	97	82	97	108
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	212	212	197	184	203	197	220	202	190	204	179	157	176	200
11 SMALL THERMAL & MISC	61	61	55	58	62	59	65	63	57	62	54	47	0	57
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	50	0	0	0	0	0	0	0	0
18 LARGE THERMAL	435	435	415	425	439	429	451	444	423	376	190	340	396	421
19 NON-UTILITY GENERATION	40	40	37	40	42	40	44	43	40	43	38	33	35	39
20 TOTAL RESOURCES	748	748	704	707	746	775	780	752	710	685	461	577	607	717
21 HYD SM THRM & MISC RESERVES	-16	-16	-14	-14	-16	-15	-17	-15	-14	-16	-13	-12	-10	-15
22 LARGE THERMAL RESERVES	-65	-65	-62	-64	-66	-64	-68	-67	-63	-56	-28	-51	-60	-63
23 HYDRO MAINTENANCE	-14	-14	0	0	0	0	0	-4	-7	0	0	0	0	-2
24 NET RESOURCES	653	653	628	629	664	696	695	665	625	613	420	514	537	638
25 SURPLUS/DEFICIT	126	126	146	144	140	143	137	136	138	151	-41	159	152	144
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	411	411	424	423	458	491	489	463	427	397	404	305	382	435
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	126	126	146	144	140	143	137	136	138	151	-41	159	152	144
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	126	126	146	144	140	143	137	136	138	151	-41	159	152	144

TABLE U-3

MONTANA POWER COMPANY  
REGIONAL LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	389	389	394	395	435	467	475	445	405	379	379	366	396	412
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	94	94	94	94	94	94	94	94	94	94	94	0	0	94
4 TOTAL LOADS	483	483	488	489	529	561	569	539	499	473	473	366	396	506
RESOURCES														
5 REGULATED HYDRO	91	91	90	95	100	104	104	99	90	95	84	77	82	95
6 INDEPENDENT HYDRO	104	104	109	91	105	115	120	107	104	114	100	85	99	110
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	195	195	199	186	205	219	224	206	194	209	184	162	181	205
11 SMALL THERMAL & MISC	56	56	56	58	62	66	67	64	59	63	56	49	0	58
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	418	418	418	427	441	453	456	448	428	379	195	344	401	425
19 NON-UTILITY GENERATION	37	37	38	40	43	45	45	43	41	44	39	34	36	40
20 TOTAL RESOURCES	706	706	711	711	751	783	792	761	722	695	474	589	618	728
21 HYD SM THRM & MISC RESERVES	-14	-14	-15	-14	-16	-17	-17	-15	-15	-16	-14	-12	-11	-15
22 LARGE THERMAL RESERVES	-63	-63	-63	-64	-66	-68	-68	-67	-64	-57	-29	-52	-60	-64
23 HYDRO MAINTENANCE	-13	-13	0	0	0	0	0	-4	-8	0	0	0	0	-2
24 NET RESOURCES	616	616	633	633	669	698	707	675	635	622	431	525	547	647
25 SURPLUS/DEFICIT	133	133	144	144	140	137	137	136	136	149	-42	159	151	141
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	424	424	429	427	463	491	499	471	437	407	415	315	393	445
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	133	133	144	144	140	137	137	136	136	149	-42	159	151	141
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	133	133	144	144	140	137	137	136	136	149	-42	159	151	141

TABLE U-4

PACIFICORP  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	3084	3084	2925	3151	3435	3912	3911	3919	3533	3194	3194	2869	2856	3031
2 EXPORTS	561	561	497	509	521	542	491	465	461	459	459	468	476	523
3 CONTRACTS OUT	250	250	250	250	250	300	300	300	250	250	250	250	250	250
4 TOTAL LOADS	3895	3895	3672	3910	4206	4754	4702	4684	4244	3903	3903	3587	3582	3804
RESOURCES														
5 REGULATED HYDRO	919	927	924	844	905	909	884	821	792	800	827	558	922	944
6 INDEPENDENT HYDRO	349	349	350	347	344	349	344	346	363	374	373	374	375	369
7 CAN. ENT. RETURN (CSPE)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-5	-5
8 CAN. ENT. RETURN (CANADA)	-15	-13	-13	-14	-13	-13	-14	-13	-13	-13	-15	-12	-13	-14
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1247	1257	1255	1171	1230	1239	1208	1148	1136	1156	1180	915	1279	1294
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	20	20	20	20	20	20	20	20	20	19	19	19	19	19
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	469	469	469	469	469	469	469	469	469	469	469	0	469	469
16 IMPORTS	1149	1149	989	1351	1240	1445	1456	1495	1233	853	853	978	1279	1126
17 CONTRACTS IN	1445	1445	1474	1340	1396	1447	1422	1378	1353	1320	1320	1230	1448	1289
18 LARGE THERMAL	785	785	785	785	785	785	785	785	785	785	711	466	785	785
19 NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	53	61	61	72	59	58
20 TOTAL RESOURCES	5168	5178	5043	5185	5193	5458	5399	5356	5049	4663	4613	3680	5338	5040
21 HYD SM THRM & MISC RESERVES	-90	-90	-90	-86	-89	-89	-87	-85	-84	-85	-86	-50	-91	-92
22 LARGE THERMAL RESERVES	-290	-290	-266	-257	-240	-271	-273	-279	-239	-246	-235	-217	-310	-287
23 HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
24 NET RESOURCES	4613	4641	4607	4789	4835	5075	5016	4961	4673	4255	4204	3322	4835	4414
25 SURPLUS/DEFICIT	718	746	935	879	629	321	314	277	429	352	301	-265	1253	610
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	4316	4326	4162	4017	3967	4182	4145	4145	3865	3929	3879	3504	4477	4163
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	718	746	935	879	629	321	314	277	429	352	301	-265	1253	610
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-172	-196	-195	-196	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	718	746	935	879	457	125	119	81	429	352	301	-265	1253	610

TABLE U-4

PACIFICORP  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	3229	3229	3062	3298	3596	4094	4126	4117	3711	3355	3355	3015	3000	3185
2 EXPORTS	501	501	435	448	461	483	487	461	457	454	454	464	473	520
3 CONTRACTS OUT	200	200	200	200	0	50	50	50	0	0	0	0	0	0
4 TOTAL LOADS	3930	3930	3697	3946	4057	4627	4663	4628	4168	3809	3809	3479	3473	3705
RESOURCES														
5 REGULATED HYDRO	919	927	924	844	905	909	884	821	792	800	827	558	922	944
6 INDEPENDENT HYDRO	331	331	332	329	326	331	326	328	345	356	355	356	357	351
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-23	-25	-23	-23	-24	-23	-23	-25	-23	-25	-25	-25	-25	-24
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1227	1233	1233	1150	1207	1217	1187	1124	1114	1131	1157	889	1254	1271
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	469	469	469	469	469	469	469	469	469	469	469	0	469	469
16 IMPORTS	1036	1036	663	1246	1472	1328	915	955	1016	741	741	1213	1167	1007
17 CONTRACTS IN	1155	1155	1184	1050	1106	1157	1132	1088	1063	1032	1032	942	1010	1026
18 LARGE THERMAL	785	785	785	785	785	785	785	785	785	466	392	785	785	785
19 NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	53	61	61	72	59	58
20 TOTAL RESOURCES	4725	4731	4385	4749	5092	5009	4527	4482	4500	3900	3852	3901	4744	4616
21 HYD SM THRM & MISC RESERVES	-89	-89	-89	-85	-88	-88	-86	-84	-83	-84	-86	-49	-90	-91
22 LARGE THERMAL RESERVES	-273	-273	-217	-241	-275	-254	-255	-261	-270	-181	-170	-300	-293	-269
23 HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
24 NET RESOURCES	4188	4212	3999	4370	4700	4644	4163	4106	4094	3558	3508	3460	4258	4009
25 SURPLUS/DEFICIT	258	282	302	424	643	17	-500	-522	-74	-251	-301	-19	785	304
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	4026	4032	3657	3733	4019	3886	3847	3845	3891	3319	3271	3878	4186	4042
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	258	282	302	424	643	17	-500	-522	-74	-251	-301	-19	785	304
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-180	-205	-206	-206	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	258	282	302	424	463	-188	-706	-728	-74	-251	-301	-19	785	304

TABLE U-4

PACIFICORP  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	3459	3459	3280	3533	3852	4386	4436	4402	3968	3587	3587	3223	3208	3324
2 EXPORTS	185	185	118	131	145	168	175	152	142	140	140	150	159	278
3 CONTRACTS OUT	0	0	0	0	0	50	50	50	0	0	0	0	0	0
4 TOTAL LOADS	3644	3644	3398	3664	3997	4604	4661	4604	4110	3727	3727	3373	3367	3602
RESOURCES														
5 REGULATED HYDRO	794	802	799	719	780	784	759	696	667	675	702	433	797	819
6 INDEPENDENT HYDRO	331	331	332	329	326	331	326	328	345	356	355	356	357	351
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-15	-17	-15	-15	-16	-15	-15	-17	-15	-17	-17	-17	-17	-16
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1110	1116	1116	1033	1090	1100	1070	1007	997	1014	1040	772	1137	1154
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	469	469	469	469	469	469	469	469	469	469	469	0	469	469
16 IMPORTS	905	905	760	701	922	768	782	821	565	613	613	1091	1043	866
17 CONTRACTS IN	1005	1005	1034	1050	1106	1157	1132	1088	1063	1032	1032	942	960	976
18 LARGE THERMAL	785	785	785	785	785	785	785	785	785	785	711	466	785	785
19 NON-UTILITY GENERATION	53	53	51	49	53	53	39	61	53	61	61	72	59	58
20 TOTAL RESOURCES	4327	4333	4215	4087	4425	4332	4277	4231	3932	3974	3926	3343	4453	4308
21 HYD SM THRM & MISC RESERVES	-82	-83	-83	-78	-81	-82	-80	-78	-77	-78	-79	-43	-84	-85
22 LARGE THERMAL RESERVES	-254	-254	-232	-223	-256	-233	-235	-241	-203	-210	-199	-233	-274	-248
23 HYDRO MAINTENANCE	-175	-157	-80	-53	-29	-23	-23	-31	-53	-77	-88	-92	-103	-247
24 NET RESOURCES	3816	3839	3820	3733	4059	3994	3939	3881	3599	3609	3560	2975	3992	3728
25 SURPLUS/DEFICIT	172	195	422	69	62	-610	-722	-723	-511	-118	-167	-398	625	126
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	3778	3784	3637	3493	3774	3631	3597	3594	3323	3393	3345	3320	3945	3784
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	172	195	422	69	62	-610	-722	-723	-511	-118	-167	-398	625	126
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-193	-219	-222	-220	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	172	195	422	69	-131	-829	-944	-943	-511	-118	-167	-398	625	126

TABLE U-5

PORTLAND GENERAL ELECTRIC  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2713	2713	2531	2853	3088	3340	3538	3156	3003	2870	2870	2666	2482	2580
2 EXPORTS	50	50	50	20	20	20	20	20	20	20	20	20	50	50
3 CONTRACTS OUT	101	101	102	108	118	125	128	124	117	113	113	108	115	103
4 TOTAL LOADS	2864	2864	2683	2981	3226	3485	3686	3300	3140	3003	3003	2794	2647	2733
RESOURCES														
5 REGULATED HYDRO	1201	1192	1201	1201	1201	1201	1201	1201	1195	1200	1200	1201	1200	1200
6 INDEPENDENT HYDRO	36	36	36	36	36	36	38	36	36	36	36	36	36	36
7 CAN. ENT. RETURN (CSPE)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-6	-6	-6	-6	-6
8 CAN. ENT. RETURN (CANADA)	-22	-18	-18	-20	-18	-18	-20	-18	-18	-18	-22	-18	-18	-20
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1207	1202	1211	1209	1211	1211	1211	1211	1205	1212	1208	1213	1212	1210
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	616	616	616	616	616	616	616	616	616	116	616	616	616	616
13 CSPE PURCHASE	35	35	35	35	35	35	35	35	35	34	34	34	34	34
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	241	241	241	241	241	241	241	241	241	241	241	241	241	241
16 IMPORTS	0	0	0	0	30	30	30	30	0	0	0	0	0	0
17 CONTRACTS IN	457	457	457	460	415	479	852	850	787	641	641	639	688	487
18 LARGE THERMAL	675	675	675	675	675	675	675	675	675	675	527	313	675	675
19 NON-UTILITY GENERATION	16	16	16	19	28	31	29	29	28	29	29	27	21	17
20 TOTAL RESOURCES	3247	3242	3251	3255	3251	3318	3689	3687	3587	2948	3296	3083	3487	3280
21 HYD SM THRM & MISC RESERVES	-105	-105	-105	-106	-106	-106	-106	-106	-106	-81	-106	-106	-106	-106
22 LARGE THERMAL RESERVES	-101	-101	-101	-101	-101	-101	-101	-101	-101	-101	-79	-47	-101	-101
23 HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
24 NET RESOURCES	2862	2852	2907	2971	3014	3085	3459	3448	3311	2685	3022	2815	3161	2922
25 SURPLUS/DEFICIT	-2	-12	224	-10	-212	-400	-227	148	171	-318	19	21	514	189
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1588	1583	1591	1586	1583	1580	1578	1580	1578	1505	1578	1570	1577	1586
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-2	-12	224	-10	-212	-400	-227	148	171	-318	19	21	514	189
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-432	-468	-495	-442	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-2	-12	224	-10	-644	-868	-722	-294	171	-318	19	21	514	189

TABLE U-5

PORTLAND GENERAL ELECTRIC  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2771	2771	2574	2897	3119	3380	3604	3212	3058	2923	2923	2721	2549	2656
2 EXPORTS	50	50	50	20	20	20	20	20	20	20	20	20	50	50
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	2824	2824	2627	2920	3142	3403	3627	3235	3081	2946	2946	2744	2602	2709
RESOURCES														
5 REGULATED HYDRO	1201	1192	1201	1201	1201	1201	1201	1201	1195	1200	1200	1201	1200	1200
6 INDEPENDENT HYDRO	36	36	36	36	36	36	38	36	36	36	36	36	36	36
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-34	-36	-34	-34	-35	-34	-34	-35	-34	-35	-35	-36	-35	-35
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1203	1192	1203	1203	1202	1203	1205	1202	1197	1201	1201	1201	1201	1201
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	616	616	616	616	616	616	616	616	616	116	616	616	616	616
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	241	241	241	241	241	241	241	241	241	241	241	241	241	241
16 IMPORTS	0	0	0	0	30	30	30	30	0	0	0	0	0	0
17 CONTRACTS IN	210	210	210	210	160	160	160	160	160	160	160	160	210	210
18 LARGE THERMAL	675	675	675	675	675	675	675	675	675	659	511	329	675	675
19 NON-UTILITY GENERATION	16	16	16	20	28	31	29	29	28	29	29	27	21	16
20 TOTAL RESOURCES	2961	2950	2961	2965	2952	2956	2956	2953	2917	2406	2758	2574	2964	2959
21 HYD SM THRM & MISC RESERVES	-105	-105	-105	-106	-106	-106	-106	-106	-106	-81	-106	-106	-106	-105
22 LARGE THERMAL RESERVES	-101	-101	-101	-101	-101	-101	-101	-101	-101	-99	-77	-49	-101	-101
23 HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
24 NET RESOURCES	2576	2560	2617	2681	2715	2723	2726	2714	2641	2145	2486	2304	2638	2602
25 SURPLUS/DEFICIT	-248	-264	-10	-239	-427	-680	-901	-521	-440	-801	-460	-440	36	-107
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1556	1545	1556	1556	1555	1556	1558	1555	1550	1461	1538	1554	1554	1554
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-248	-264	-10	-239	-427	-680	-901	-521	-440	-801	-460	-440	36	-107
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-437	-473	-504	-450	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-248	-264	-10	-239	-864	-1153	-1405	-971	-440	-801	-460	-440	36	-107

TABLE U-5

PORTLAND GENERAL ELECTRIC  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2942	2942	2719	3057	3270	3544	3788	3377	3223	3075	3075	2871	2709	2829
2 EXPORTS	50	50	50	20	20	20	20	20	20	20	20	20	50	50
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	2995	2995	2772	3080	3293	3567	3811	3400	3246	3098	3098	2894	2762	2882
RESOURCES														
5 REGULATED HYDRO	1076	1067	1076	1076	1076	1076	1076	1076	1070	1075	1075	1076	1075	1075
6 INDEPENDENT HYDRO	36	36	36	36	36	36	38	36	36	36	36	36	36	36
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-26	-28	-26	-26	-27	-26	-26	-27	-26	-27	-27	-28	-27	-27
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1086	1075	1086	1086	1085	1086	1088	1085	1080	1084	1084	1084	1084	1084
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	616	616	616	616	616	616	616	616	616	116	616	616	616	616
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	241	241	241	241	241	241	241	241	241	241	241	241	241	241
16 IMPORTS	0	0	0	0	30	30	30	30	0	0	0	0	0	0
17 CONTRACTS IN	210	210	210	210	160	160	160	160	160	160	160	160	210	210
18 LARGE THERMAL	675	675	675	675	675	675	675	675	675	675	527	313	675	675
19 NON-UTILITY GENERATION	16	16	16	20	28	31	29	29	28	29	29	27	21	16
20 TOTAL RESOURCES	2844	2833	2844	2848	2835	2839	2839	2836	2800	2305	2657	2441	2847	2842
21 HYD SM THRM & MISC RESERVES	-99	-99	-99	-100	-100	-100	-100	-100	-99	-75	-100	-100	-99	-99
22 LARGE THERMAL RESERVES	-101	-101	-101	-101	-101	-101	-101	-101	-101	-101	-79	-47	-101	-101
23 HYDRO MAINTENANCE	-179	-184	-138	-77	-30	-26	-23	-32	-69	-81	-89	-115	-119	-151
24 NET RESOURCES	2465	2449	2506	2570	2604	2612	2615	2603	2531	2048	2389	2179	2528	2491
25 SURPLUS/DEFICIT	-530	-546	-266	-510	-689	-955	-1196	-797	-715	-1050	-709	-715	-234	-391
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1439	1428	1439	1439	1438	1439	1441	1438	1433	1360	1437	1421	1437	1437
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-530	-546	-266	-510	-689	-955	-1196	-797	-715	-1050	-709	-715	-234	-391
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-458	-496	-530	-473	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-530	-546	-266	-510	-1147	-1451	-1726	-1270	-715	-1050	-709	-715	-234	-391

TABLE U-6

PUGET SOUND ENERGY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2587	2587	2809	3607	3903	4432	4518	4435	4097	3680	3680	3194	2992	2597
2 EXPORTS	300	300	300	0	0	0	0	0	0	0	0	0	300	300
3 CONTRACTS OUT	64	64	54	54	54	54	54	54	54	54	54	54	54	54
4 TOTAL LOADS	2951	2951	3163	3661	3957	4486	4572	4489	4151	3734	3734	3248	3346	2951
RESOURCES														
5 REGULATED HYDRO	1657	1634	1468	1496	1650	1632	1618	1603	1599	1601	1632	1638	1656	1616
6 INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 CAN. ENT. RETURN (CSPE)	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-11	-10
8 CAN. ENT. RETURN (CANADA)	-42	-39	-40	-40	-40	-39	-40	-40	-39	-39	-42	-38	-39	-39
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1676	1656	1489	1517	1671	1654	1639	1624	1621	1623	1651	1661	1678	1639
11 SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
12 COMBUSTION TURBINES	246	246	246	246	700	700	700	700	246	246	246	246	246	246
13 CSPE PURCHASE	35	35	35	35	35	35	35	35	35	33	33	33	33	33
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	3	3	2	3	304	305	306	305	4	4	4	3	2	3
17 CONTRACTS IN	480	480	480	781	896	899	899	897	850	550	550	387	386	478
18 LARGE THERMAL	771	771	771	771	771	771	771	771	771	618	586	571	771	771
19 NON-UTILITY GENERATION	710	710	710	710	710	710	710	710	710	709	709	165	550	710
20 TOTAL RESOURCES	3921	3901	3733	4063	5178	5165	5151	5133	4237	3783	3779	3066	3666	3880
21 HYD SM THRM & MISC RESERVES	-134	-133	-125	-126	-161	-160	-160	-159	-131	-132	-133	-106	-126	-132
22 LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-93	-88	-85	-116	-116
23 HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
24 NET RESOURCES	3541	3518	3397	3758	4869	4855	4851	4833	3874	3407	3414	2782	3366	3532
25 SURPLUS/DEFICIT	590	567	234	97	912	369	279	344	-277	-328	-320	-466	20	581
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	3136	3116	2949	2977	3251	3234	3219	3204	3081	2927	3086	2373	2976	3095
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	590	567	234	97	912	369	279	344	-277	-328	-320	-466	20	581
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-625	-709	-723	-710	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	590	567	234	97	287	-340	-444	-366	-277	-328	-320	-466	20	581

TABLE U-6

PUGET SOUND ENERGY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	2003- 4 OPERATING YEAR													
	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2683	2683	2914	3743	4049	4598	4680	4595	4244	3812	3812	3309	3100	2690
2 EXPORTS	300	300	300	0	0	0	0	0	0	0	0	0	300	300
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	2983	2983	3214	3743	4049	4598	4680	4595	4244	3812	3812	3309	3400	2990
RESOURCES														
5 REGULATED HYDRO	1498	1476	1309	1337	1492	1473	1460	1445	1440	1442	1473	1477	1495	1458
6 INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-67	-72	-67	-67	-72	-67	-67	-72	-67	-71	-71	-73	-71	-71
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1503	1476	1314	1342	1492	1478	1465	1445	1445	1443	1474	1476	1496	1459
11 SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
12 COMBUSTION TURBINES	246	246	246	246	700	700	700	700	246	246	246	246	246	246
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	300	300	300	300	0	0	0	0	0	0
17 CONTRACTS IN	309	309	309	311	220	226	225	222	181	179	179	16	15	109
18 LARGE THERMAL	771	771	771	771	771	771	771	771	771	571	539	618	771	771
19 NON-UTILITY GENERATION	710	710	710	710	710	710	710	710	710	709	709	165	550	710
20 TOTAL RESOURCES	3539	3512	3350	3380	4284	4276	4262	4239	3353	3148	3147	2521	3078	3295
21 HYD SM THRM & MISC RESERVES	-126	-125	-117	-118	-153	-152	-152	-151	-123	-123	-125	-98	-118	-124
22 LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-86	-81	-93	-116	-116
23 HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
24 NET RESOURCES	3167	3137	3022	3083	3983	3974	3970	3947	2998	2788	2797	2237	2786	2955
25 SURPLUS/DEFICIT	184	154	-192	-660	-66	-624	-710	-648	-1246	-1025	-1015	-1072	-614	-35
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2906	2879	2717	2745	3015	3001	2988	2968	2848	2645	2807	2180	2739	2862
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	184	154	-192	-660	-66	-624	-710	-648	-1246	-1025	-1015	-1072	-614	-35
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-648	-736	-749	-735	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	184	154	-192	-660	-714	-1360	-1459	-1383	-1246	-1025	-1015	-1072	-614	-35

TABLE U-6

PUGET SOUND ENERGY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2827	2827	3069	3943	4267	4846	4983	4892	4519	4059	4059	3523	3301	2863
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	2827	2827	3069	3943	4267	4846	4983	4892	4519	4059	4059	3523	3301	2863
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1386	1364	1198	1226	1380	1362	1348	1333	1328	1330	1362	1364	1383	1386
6 INDEPENDENT HYDRO	72	72	72	72	72	72	72	72	72	72	72	72	72	72
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-63	-67	-63	-63	-67	-63	-63	-67	-63	-66	-66	-68	-66	-66
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1395	1369	1207	1235	1385	1371	1357	1338	1337	1336	1368	1368	1389	1392
11 SMALL THERMAL & MISC	0	0	0	0	91	91	91	91	0	0	0	0	0	0
12 COMBUSTION TURBINES	246	246	246	246	700	700	700	700	246	246	246	246	246	246
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	109	109	109	111	220	226	225	222	181	179	179	16	15	119
18 LARGE THERMAL	771	771	771	771	771	771	771	771	771	618	586	571	771	771
19 NON-UTILITY GENERATION	710	710	710	710	709	710	710	710	710	710	710	164	550	710
20 TOTAL RESOURCES	3231	3205	3043	3073	3876	3869	3854	3832	3245	3089	3089	2365	2971	3238
21 HYD SM THRM & MISC RESERVES	-121	-120	-111	-113	-148	-147	-146	-145	-118	-118	-119	-92	-112	-121
22 LARGE THERMAL RESERVES	-116	-116	-116	-116	-116	-116	-116	-116	-116	-93	-88	-86	-116	-116
23 HYDRO MAINTENANCE	-130	-134	-95	-63	-32	-34	-24	-25	-116	-151	-144	-92	-58	-100
24 NET RESOURCES	2864	2835	2721	2781	3580	3572	3568	3546	2895	2727	2738	2094	2685	2901
25 SURPLUS/DEFICIT	37	8	-348	-1162	-687	-1274	-1415	-1346	-1624	-1333	-1321	-1429	-616	38
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2798	2772	2610	2638	2908	2894	2880	2861	2740	2585	2748	2025	2632	2795
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	37	8	-348	-1162	-687	-1274	-1415	-1346	-1624	-1333	-1321	-1429	-616	38
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-683	-775	-797	-783	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	37	8	-348	-1162	-1370	-2049	-2212	-2129	-1624	-1333	-1321	-1429	-616	38







TABLE U-8

CHELAN COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	203	203	202	238	253	271	289	272	254	231	231	210	198	208
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	50	50	50	50	0	0	0	0	0	0	0	0	50	50
4 TOTAL LOADS	253	253	252	288	253	271	289	272	254	231	231	210	248	258
RESOURCES														
5 REGULATED HYDRO	339	340	340	340	339	338	338	337	337	299	299	332	296	380
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3
8 CAN. ENT. RETURN (CANADA)	-17	-16	-16	-16	-16	-16	-16	-16	-16	-16	-17	-16	-16	-17
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	320	322	322	322	321	320	320	319	319	281	280	314	278	360
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	2	2	2	2	2	2	2	2	2	2	2	2	2	2
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	4	4	4	4	4	4	4	4	4	4	4	4	4	6
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	326	328	328	328	327	326	326	325	325	287	286	320	284	368
21 HYD SM THRM & MISC RESERVES	-17	-17	-17	-17	-17	-17	-17	-17	-17	-15	-15	-17	-15	-19
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
24 NET RESOURCES	295	297	301	301	306	305	309	308	296	257	255	285	257	334
25 SURPLUS/DEFICIT	42	44	49	13	53	34	20	36	42	26	24	75	9	76
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	320	321	321	321	320	319	319	318	318	280	279	313	277	362
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	42	44	49	13	53	34	20	36	42	26	24	75	9	76
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-33	-35	-38	-35	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	42	44	49	13	20	-1	-18	1	42	26	24	75	9	76
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	1	18	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	42	44	49	13	20	0	0	1	42	26	24	75	9	76

TABLE U-8

CHELAN COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	213	213	213	251	265	284	302	285	266	243	243	221	209	217
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	50	50	50	50	0	0	0	0	0	0	0	0	50	50
4 TOTAL LOADS	263	263	263	301	265	284	302	285	266	243	243	221	259	267
RESOURCES														
5 REGULATED HYDRO	501	502	503	504	502	502	501	500	501	463	463	497	460	541
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-27	-30	-27	-27	-28	-27	-27	-28	-27	-29	-29	-30	-29	-29
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	474	472	476	477	474	475	474	472	474	434	434	467	431	512
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	474	472	476	477	474	475	474	472	474	434	434	467	431	512
21 HYD SM THRM & MISC RESERVES	-25	-25	-25	-25	-25	-25	-25	-25	-25	-23	-23	-25	-23	-27
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
24 NET RESOURCES	435	433	441	442	445	446	449	447	437	396	395	424	396	470
25 SURPLUS/DEFICIT	172	170	178	141	180	162	147	162	171	153	152	203	137	203
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	467	465	468	469	467	467	467	465	467	427	426	460	424	505
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	172	170	178	141	180	162	147	162	171	153	152	203	137	203
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-35	-37	-39	-37	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	172	170	178	141	145	125	108	125	171	153	152	203	137	203
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	172	170	178	141	145	125	108	125	171	153	152	203	137	203

TABLE U-8

CHELAN COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	222	222	222	261	274	293	311	294	276	252	252	231	217	227
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	50	50	50	50	0	0	0	0	0	0	0	0	50	50
4 TOTAL LOADS	272	272	272	311	274	293	311	294	276	252	252	231	267	277
RESOURCES														
5 REGULATED HYDRO	538	538	538	538	537	536	536	535	536	498	497	534	497	538
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-27	-30	-27	-27	-28	-27	-27	-28	-27	-29	-29	-30	-29	-29
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	511	508	511	511	509	509	509	507	509	469	468	504	468	509
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	511	508	511	511	509	509	509	507	509	469	468	504	468	509
21 HYD SM THRM & MISC RESERVES	-27	-27	-27	-27	-27	-27	-27	-27	-27	-25	-25	-27	-25	-27
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-14	-14	-10	-10	-4	-4	0	0	-12	-15	-16	-18	-12	-15
24 NET RESOURCES	470	467	474	474	478	478	482	480	470	429	427	459	431	467
25 SURPLUS/DEFICIT	198	195	202	163	204	185	171	186	194	177	175	228	164	190
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	504	500	504	504	501	502	501	499	501	461	461	496	461	502
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	198	195	202	163	204	185	171	186	194	177	175	228	164	190
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-36	-38	-40	-38	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	198	195	202	163	168	147	131	148	194	177	175	228	164	190
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	198	195	202	163	168	147	131	148	194	177	175	228	164	190

TABLE U-9

CLARK PUBLIC UTILITY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	470	470	510	639	725	853	836	830	786	671	671	602	498	474
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	470	470	510	639	725	853	836	830	786	671	671	602	498	474
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	231	231	235	240	242	245	252	250	247	247	247	244	240	236
13 CSPE PURCHASE	6	6	6	6	6	6	6	6	6	6	6	6	6	6
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	100	100	106	100	150	170	238	250	250	234	234	157	196	223
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	337	337	347	346	398	421	496	506	503	487	487	407	442	465
21 HYD SM THRM & MISC RESERVES	-12	-12	-12	-12	-12	-12	-13	-13	-12	-13	-13	-12	-12	-12
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	325	325	335	334	386	409	483	493	491	474	474	395	430	453
25 SURPLUS/DEFICIT	-145	-145	-176	-305	-339	-444	-353	-337	-295	-197	-197	-207	-68	-21
26 BPA PSC DIVERSIFICATION	289	289	355	460	626	686	618	566	480	494	494	416	300	272
27 DEDICATED RESOURCES	237	237	241	246	248	251	258	256	253	253	253	250	246	242
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-145	-145	-176	-305	-339	-404	-313	-297	-295	-197	-197	-207	-68	-21
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-121	-142	-140	-139	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-145	-145	-176	-305	-460	-546	-453	-436	-295	-197	-197	-207	-68	-21
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	121	142	140	139	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-145	-145	-176	-305	-339	-404	-313	-297	-295	-197	-197	-207	-68	-21

TABLE U-9

CLARK PUBLIC UTILITY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	2003- 4 OPERATING YEAR													
	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	500	500	544	680	766	897	880	877	834	713	713	643	532	505
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	500	500	544	680	766	897	880	877	834	713	713	643	532	505
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	235	235	239	245	247	249	247	245	242	242	242	239	235	231
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	235	235	239	245	247	249	247	245	242	242	242	239	235	231
21 HYD SM THRM & MISC RESERVES	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	223	223	227	233	235	237	235	233	230	230	230	227	223	219
25 SURPLUS/DEFICIT	-277	-277	-317	-447	-531	-660	-645	-645	-604	-483	-483	-416	-309	-286
26 BPA PSC DIVERSIFICATION	307	307	375	477	648	710	647	592	504	515	515	435	315	286
27 DEDICATED RESOURCES	235	235	239	245	247	249	247	245	242	242	242	239	235	231
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-277	-277	-317	-447	-531	-620	-605	-605	-604	-483	-483	-416	-309	-286
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-128	-150	-147	-146	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-277	-277	-317	-447	-659	-770	-752	-751	-604	-483	-483	-416	-309	-286
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	128	150	147	146	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-277	-277	-317	-447	-531	-620	-605	-605	-604	-483	-483	-416	-309	-286

TABLE U-9

CLARK PUBLIC UTILITY  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	534	534	583	727	811	944	921	922	880	755	755	684	566	537
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	534	534	583	727	811	944	921	922	880	755	755	684	566	537
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	228	228	231	237	239	241	251	249	246	246	246	243	239	235
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	228	228	231	237	239	241	251	249	246	246	246	243	239	235
21 HYD SM THRM & MISC RESERVES	-11	-11	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	217	217	219	225	227	229	239	237	234	234	234	231	227	223
25 SURPLUS/DEFICIT	-318	-318	-364	-502	-584	-715	-682	-685	-646	-521	-521	-454	-339	-314
26 BPA PSC DIVERSIFICATION	307	307	375	477	648	710	647	592	504	515	515	435	315	286
27 DEDICATED RESOURCES	228	228	231	237	239	241	251	249	246	246	246	243	239	235
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-318	-318	-364	-502	-584	-675	-642	-645	-646	-521	-521	-454	-339	-314
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-135	-158	-154	-154	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-318	-318	-364	-502	-719	-833	-796	-799	-646	-521	-521	-454	-339	-314
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	135	158	154	154	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-318	-318	-364	-502	-584	-675	-642	-645	-646	-521	-521	-454	-339	-314



TABLE U-10

COWLITZ COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	614	614	620	689	722	715	732	698	722	703	703	678	636	617
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	614	614	620	689	722	715	732	698	722	703	703	678	636	617
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	128	127	125	99	121	119	111	99	99	99	99	43	125	127
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-2	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-2	-2
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	126	124	123	97	119	117	109	97	97	97	97	40	123	125
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	6	6	6	6	6	6	6	6	6	6	6	6	6	6
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	132	130	129	103	125	123	115	103	103	103	103	46	129	131
21 HYD SM THRM & MISC RESERVES	-6	-6	-6	-5	-6	-6	-6	-5	-5	-5	-5	-2	-6	-6
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12	-29
24 NET RESOURCES	89	103	104	89	112	112	104	91	87	85	88	33	111	96
25 SURPLUS/DEFICIT	-525	-511	-516	-600	-610	-603	-628	-607	-635	-618	-615	-645	-525	-521
26 BPA PSC DIVERSIFICATION	104	104	104	104	104	104	104	104	104	104	104	104	104	104
27 DEDICATED RESOURCES	132	130	129	103	125	123	115	103	103	103	103	46	129	131
28 BPA PWR SALE CNTRCT PURCH	404	389	395	473	488	484	513	489	515	494	491	518	399	394
29 SURPLUS/DEFICIT W/PURCHASE	-121	-122	-121	-127	-122	-119	-115	-118	-120	-124	-124	-127	-126	-127
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-195	-193	-198	-188	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-121	-122	-121	-127	-317	-312	-313	-306	-120	-124	-124	-127	-126	-127
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	195	193	198	188	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-121	-122	-121	-127	-122	-119	-115	-118	-120	-124	-124	-127	-126	-127

TABLE U-10

COWLITZ COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	635	635	641	707	734	721	735	703	733	718	718	697	657	639
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	635	635	641	707	734	721	735	703	733	718	718	697	657	639
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	110	109	107	81	103	101	93	81	81	81	81	25	107	109
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-1	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-1	-1
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	109	107	106	80	102	100	92	80	80	80	80	23	106	108
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	109	107	106	80	102	100	92	80	80	80	80	23	106	108
21 HYD SM THRM & MISC RESERVES	-6	-6	-5	-4	-5	-5	-5	-4	-4	-4	-4	-1	-5	-6
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-37	-21	-19	-9	-7	-5	-5	-7	-11	-13	-10	-11	-12	-29
24 NET RESOURCES	66	80	82	67	90	90	82	69	65	63	66	11	89	73
25 SURPLUS/DEFICIT	-569	-555	-559	-640	-644	-631	-653	-634	-668	-655	-652	-686	-568	-566
26 BPA PSC DIVERSIFICATION	104	104	104	104	104	104	104	104	104	104	104	104	104	104
27 DEDICATED RESOURCES	109	107	106	80	102	100	92	80	80	80	80	23	106	108
28 BPA PWR SALE CNTRCT PURCH	404	389	395	473	488	484	513	489	515	494	491	518	399	394
29 SURPLUS/DEFICIT W/PURCHASE	-165	-166	-164	-167	-156	-147	-140	-145	-153	-161	-161	-168	-169	-172
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-198	-195	-198	-190	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-165	-166	-164	-167	-354	-342	-338	-335	-153	-161	-161	-168	-169	-172
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	198	195	198	190	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-165	-166	-164	-167	-156	-147	-140	-145	-153	-161	-161	-168	-169	-172

TABLE U-11

DOUGLAS COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	143	143	133	164	186	193	209	191	181	161	161	140	143	144
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	143	143	133	164	186	193	209	191	181	161	161	140	143	144
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	269	269	269	269	269	269	269	269	269	269	269	269	269	269
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	259	259	259	259	259	259	259	259	259	259	259	259	259	259
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	4	4	4	4	4	4	4	4	4	4	4	4	4	4
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	263	263	263	263	263	263	263	263	263	263	263	263	263	263
21 HYD SM THRM & MISC RESERVES	-13	-14	-13	-14	-13	-13	-13	-13	-14	-14	-14	-13	-13	-13
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
24 NET RESOURCES	231	227	227	246	249	246	246	246	232	233	242	247	248	247
25 SURPLUS/DEFICIT	88	84	94	82	63	53	37	55	51	72	81	107	105	103
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	263	263	263	263	263	263	263	263	263	263	263	263	263	263
28 BPA PWR SALE CNTRCT PUR 1/ 29 SURPLUS/DEFICIT W/PURCHASE	0 88	0 84	0 94	0 82	0 63	0 53	0 37	0 55	0 51	0 72	0 81	0 107	0 105	0 103
30 EXTREME WEATHER ADJUSTMENT 31 SURPLUS/DEFICIT W/EXTRM WX	0 88	0 84	0 94	0 82	-11 52	-12 41	-12 25	-11 44	0 51	0 72	0 81	0 107	0 105	0 103
32 BPA POSSIBLE EXTRM WX OBLG 33 SURPLUS/DEFICIT AFTR BPA OB	0 88	0 84	0 94	0 82	0 52	0 41	0 25	0 44	0 51	0 72	0 81	0 107	0 105	0 103

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

TABLE U-11

DOUGLAS COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	159	159	147	183	208	216	234	214	203	180	180	155	159	159
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	159	159	147	183	208	216	234	214	203	180	180	155	159	159
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	269	269	269	269	269	269	269	269	269	269	269	269	269	269
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-14	-15	-14	-14	-14	-14	-14	-14	-14	-14	-14	-15	-14	-14
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	255	254	255	255	255	255	255	255	255	255	255	254	255	255
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	305	304	305	305	305	305	305	305	305	305	305	304	305	305
21 HYD SM THRM & MISC RESERVES	-13	-14	-14	-14	-13	-13	-13	-14	-14	-14	-14	-13	-13	-13
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
24 NET RESOURCES	273	268	268	288	291	288	288	287	274	275	284	288	290	289
25 SURPLUS/DEFICIT	114	109	121	105	83	72	54	73	71	95	104	133	131	130
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	305	304	305	305	305	305	305	305	305	305	305	304	305	305
28 BPA PWR SALE CNTRCT PUR 1/ 29 SURPLUS/DEFICIT W/PURCHASE	0 114	0 109	0 121	0 105	0 83	0 72	0 54	0 73	0 71	0 95	0 104	0 133	0 131	0 130
30 EXTREME WEATHER ADJUSTMENT 31 SURPLUS/DEFICIT W/EXTRM WX	0 114	0 109	0 121	0 105	-13 70	-13 59	-14 40	-13 60	0 71	0 95	0 104	0 133	0 131	0 130
32 BPA POSSIBLE EXTRM WX OBLG 33 SURPLUS/DEFICIT AFTR BPA OB	0 114	0 109	0 121	0 105	0 70	0 59	0 40	0 60	0 71	0 95	0 104	0 133	0 131	0 130

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

TABLE U-11

DOUGLAS COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	176	176	162	204	232	240	261	237	225	199	199	171	176	176
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	176	176	162	204	232	240	261	237	225	199	199	171	176	176
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	269	269	269	269	269	269	269	269	269	269	269	269	269	269
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-14	-15	-14	-14	-14	-14	-14	-14	-14	-14	-14	-15	-14	-14
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	255	254	255	255	255	255	255	255	255	255	255	254	255	255
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	255	254	255	255	255	255	255	255	255	255	255	254	255	255
21 HYD SM THRM & MISC RESERVES	-14	-14	-13	-13	-14	-14	-13	-14	-14	-14	-14	-14	-14	-13
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-19	-22	-23	-3	-1	-4	-4	-4	-17	-16	-7	-3	-2	-3
24 NET RESOURCES	222	218	219	239	240	237	238	237	224	225	234	237	239	239
25 SURPLUS/DEFICIT	46	42	57	35	8	-3	-23	0	-1	26	35	66	63	63
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	255	254	255	255	255	255	255	255	255	255	255	254	255	255
28 BPA PWR SALE CNTRCT PUR 1/ 29 SURPLUS/DEFICIT W/PURCHASE	0 46	0 42	0 57	0 35	0 8	0 -3	0 -23	0 0	0 -1	0 26	0 35	0 66	0 63	0 63
30 EXTREME WEATHER ADJUSTMENT 31 SURPLUS/DEFICIT W/EXTRM WX	0 46	0 42	0 57	0 35	-14 -6	-14 -17	-16 -39	-14 -14	0 -1	0 26	0 35	0 66	0 63	0 63
32 BPA POSSIBLE EXTRM WX OBLG 33 SURPLUS/DEFICIT AFTR BPA OB	0 46	0 42	0 57	0 35	0 -6	0 -17	0 -39	0 -14	0 -1	0 26	0 35	0 66	0 63	0 63

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

TABLE U-12

EUGENE WATER & ELECTRIC BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	337	337	366	453	497	533	552	551	504	471	471	419	354	328
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4 TOTAL LOADS	347	347	376	463	507	543	562	561	514	481	481	429	364	338
RESOURCES														
5 REGULATED HYDRO	81	78	79	73	70	77	73	73	91	102	103	104	100	91
6 INDEPENDENT HYDRO	21	24	24	27	26	18	18	25	29	29	28	33	32	32
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-1	-2	-2	-1
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	101	100	101	98	94	93	89	97	118	129	130	135	130	122
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	11	11	11	11	11	11	11	11	11	10	10	10	10	10
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	66	66	66	74	89	97	102	97	88	81	81	72	66	64
17 CONTRACTS IN	89	89	104	132	202	235	247	215	171	139	139	86	84	86
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	5	5	4	0	1	2	9	9	37	37	11
20 TOTAL RESOURCES	287	286	302	340	421	440	469	441	410	388	389	360	347	293
21 HYD SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-6	-6	-7	-8	-8	-10	-9	-7
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
24 NET RESOURCES	264	270	280	327	409	433	461	431	395	371	370	341	332	274
25 SURPLUS/DEFICIT	-83	-77	-96	-136	-98	-110	-101	-130	-119	-110	-111	-88	-32	-64
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	253	250	262	300	381	428	432	410	375	352	354	323	311	273
28 BPA PWR SALE CNTRCT PURCH	107	103	126	166	128	112	128	151	144	136	136	115	58	75
29 SURPLUS/DEFICIT W/PURCHASE	24	26	30	30	30	2	27	21	25	26	25	27	26	10
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-75	-80	-83	-83	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	24	26	30	30	-45	-78	-56	-62	25	26	25	27	26	10
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	45	78	56	62	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	24	26	30	30	0	0	0	0	25	26	25	27	26	10

NOTE: EWEB 'CONTRACTS IN' INCLUDES UNSPECIFIED PURCHASE TO MEET FRE WAIVER.

TABLE U-12

EUGENE WATER & ELECTRIC BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	346	346	376	463	505	541	558	559	514	482	482	430	363	338
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4 TOTAL LOADS	356	356	386	473	515	551	568	569	524	492	492	440	373	348
RESOURCES														
5 REGULATED HYDRO	81	78	79	73	70	77	73	73	91	102	103	104	100	91
6 INDEPENDENT HYDRO	21	24	24	27	25	18	18	25	29	29	28	33	32	32
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	100	100	101	98	93	93	89	96	118	129	129	135	130	121
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	66	66	66	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	25	25	25	25	25	25	25	25	25	25	25	25	25	25
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	5	5	4	0	1	2	9	9	37	37	11
20 TOTAL RESOURCES	211	211	212	148	143	122	134	142	165	183	183	217	212	157
21 HYD SM THRM & MISC RESERVES	-6	-6	-6	-6	-6	-5	-6	-6	-7	-8	-8	-10	-9	-7
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
24 NET RESOURCES	188	195	190	135	131	115	126	132	150	166	164	198	197	138
25 SURPLUS/DEFICIT	-168	-161	-196	-338	-384	-436	-442	-437	-374	-326	-328	-242	-176	-210
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	177	175	172	108	103	110	97	111	130	147	148	180	176	137
28 BPA PWR SALE CNTRCT PURCH	142	137	174	273	320	345	377	366	306	258	260	175	110	103
29 SURPLUS/DEFICIT W/PURCHASE	-26	-24	-22	-65	-64	-91	-65	-71	-68	-68	-68	-67	-66	-108
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-76	-81	-84	-84	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-26	-24	-22	-65	-140	-172	-149	-155	-68	-68	-68	-67	-66	-108
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	76	81	84	84	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-26	-24	-22	-65	-64	-91	-65	-71	-68	-68	-68	-67	-66	-108

NOTE: EWEB 'CONTRACTS IN' INCLUDES UNSPECIFIED PURCHASE TO MEET FRE WAIVER.

TABLE U-12

EUGENE WATER & ELECTRIC BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	360	360	391	479	520	555	570	571	529	497	497	446	378	352
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4 TOTAL LOADS	370	370	401	489	530	565	580	581	539	507	507	456	388	362
RESOURCES														
5 REGULATED HYDRO	66	63	64	58	55	62	58	58	76	87	88	89	85	76
6 INDEPENDENT HYDRO	21	24	24	27	25	18	18	25	29	29	28	33	32	32
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	86	86	87	84	79	79	75	82	104	115	115	121	116	107
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	5	5	4	0	1	2	9	9	37	37	11
20 TOTAL RESOURCES	106	106	107	109	104	83	95	103	126	144	144	178	173	118
21 HYD SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-4	-5	-5	-6	-7	-7	-9	-9	-6
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-17	-10	-16	-7	-6	-2	-2	-4	-8	-9	-11	-9	-6	-12
24 NET RESOURCES	84	91	86	97	93	77	88	94	112	128	126	160	158	100
25 SURPLUS/DEFICIT	-286	-279	-315	-392	-437	-488	-492	-487	-427	-379	-381	-296	-230	-262
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	74	72	69	71	67	73	61	74	94	111	112	143	139	100
28 BPA PWR SALE CNTRCT PURCH	142	137	174	273	320	345	377	366	306	258	260	175	110	103
29 SURPLUS/DEFICIT W/PURCHASE	-144	-142	-141	-119	-117	-143	-115	-121	-121	-121	-121	-121	-120	-160
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-78	-83	-85	-86	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-144	-142	-141	-119	-195	-226	-200	-207	-121	-121	-121	-121	-120	-160
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	78	83	85	86	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-144	-142	-141	-119	-117	-143	-115	-121	-121	-121	-121	-121	-120	-160

NOTE: EWEB 'CONTRACTS IN' INCLUDES UNSPECIFIED PURCHASE TO MEET FRE WAIVER.

TABLE U-13

GRANT COUNTY PUD #2  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	503	503	485	444	474	507	536	535	461	455	455	518	535	505
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	517	517	499	458	488	521	550	549	475	469	469	532	549	519
RESOURCES														
5 REGULATED HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	-8
8 CAN. ENT. RETURN (CANADA)	-23	-21	-22	-23	-22	-21	-23	-23	-21	-21	-23	-21	-21	-23
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	627	629	628	627	628	629	627	627	629	630	628	630	630	628
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	18	18	18	18	18	18	18	18	18	16	16	16	16	16
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
20 TOTAL RESOURCES	660	662	658	654	647	648	646	646	656	660	658	663	662	660
21 HYD SM THRM & MISC RESERVES	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34	-34
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
24 NET RESOURCES	559	561	559	559	570	577	574	558	544	540	538	569	572	577
25 SURPLUS/DEFICIT	42	44	60	101	82	56	24	9	69	71	69	37	23	58
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0
27 DEDICATED RESOURCES	567	569	568	567	568	569	567	567	569	568	566	568	568	566
28 BPA PWR SALE CNTRCT PURCH	37	35	8	0	0	1	33	48	0	0	1	44	57	22
29 SURPLUS/DEFICIT W/PURCHASE	79	79	68	101	82	57	57	57	69	71	70	81	80	80
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-71	-76	-80	-80	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	79	79	68	101	11	-19	-23	-23	69	71	70	81	80	80
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	19	23	23	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	79	79	68	101	11	0	0	0	69	71	70	81	80	80

TABLE U-13

GRANT COUNTY PUD #2  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	529	529	511	466	494	527	542	542	469	465	465	532	550	527
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	543	543	525	480	508	541	556	556	483	479	479	546	564	541
RESOURCES														
5 REGULATED HYDRO	659	659	659	659	659	659	659	659	659	659	659	659	659	659
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-38	-40	-38	-38	-40	-38	-38	-40	-38	-40	-40	-41	-40	-40
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	621	619	621	621	619	621	621	619	621	619	619	618	619	619
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
20 TOTAL RESOURCES	635	633	632	629	619	621	621	619	629	632	632	634	634	634
21 HYD SM THRM & MISC RESERVES	-34	-34	-34	-33	-33	-33	-33	-33	-33	-34	-34	-34	-34	-34
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
24 NET RESOURCES	534	532	533	534	542	550	549	531	517	512	512	540	544	551
25 SURPLUS/DEFICIT	-9	-11	8	54	34	9	-7	-25	34	33	33	-6	-20	10
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0
27 DEDICATED RESOURCES	542	540	542	542	540	542	542	540	542	540	540	539	540	540
28 BPA PWR SALE CNTRCT PURCH	51	51	25	0	0	12	29	45	0	0	0	43	56	26
29 SURPLUS/DEFICIT W/PURCHASE	42	40	33	54	34	21	22	20	34	33	33	37	36	36
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-74	-79	-81	-81	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	42	40	33	54	-40	-58	-59	-61	34	33	33	37	36	36
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	40	58	59	61	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	42	40	33	54	0	0	0	0	34	33	33	37	36	36

TABLE U-13

GRANT COUNTY PUD #2  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	559	559	539	490	516	547	562	563	490	487	487	560	580	556
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	14	14	14	14	14	14	14	14	14	14	14	14	14	14
4 TOTAL LOADS	573	573	553	504	530	561	576	577	504	501	501	574	594	570
RESOURCES														
5 REGULATED HYDRO	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-73	-77	-73	-72	-76	-72	-72	-76	-72	-76	-76	-78	-76	-76
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1156	1152	1156	1157	1153	1157	1157	1153	1157	1153	1153	1151	1153	1153
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	14	14	11	8	0	0	0	0	8	13	13	16	15	15
20 TOTAL RESOURCES	1170	1166	1167	1165	1153	1157	1157	1153	1165	1166	1166	1167	1168	1168
21 HYD SM THRM & MISC RESERVES	-62	-62	-62	-62	-61	-61	-61	-61	-62	-62	-62	-62	-62	-62
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	-67	-67	-65	-62	-44	-38	-39	-55	-79	-86	-86	-60	-56	-49
24 NET RESOURCES	1041	1037	1040	1041	1048	1058	1057	1037	1024	1018	1018	1045	1050	1057
25 SURPLUS/DEFICIT	468	464	487	537	518	497	481	460	520	517	517	471	456	487
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0
27 DEDICATED RESOURCES	507	503	507	508	504	508	508	504	508	504	504	502	504	504
28 BPA PWR SALE CNTRCT PURCH	51	51	25	0	0	12	29	45	0	0	0	43	56	26
29 SURPLUS/DEFICIT W/PURCHASE	519	515	512	537	518	509	510	505	520	517	517	514	512	513
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-77	-82	-84	-84	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	519	515	512	537	441	427	426	421	520	517	517	514	512	513
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	519	515	512	537	441	427	426	421	520	517	517	514	512	513

TABLE U-14

GRAYS HARBOR COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL
PEAK IN MEGAWATTS	1-15	16-31								1-15	16-30			
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	153	153	173	206	229	235	243	250	239	224	224	184	157	151
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	54	54	54	54	54	54	54	54	54	54	54	54	54	54
4 TOTAL LOADS	207	207	227	260	283	289	297	304	293	278	278	238	211	205
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	54	54	54	54	54	54	54	54	54	54	54	54	54	54
18 LARGE THERMAL	54	54	54	54	54	54	54	54	54	54	54	27	54	54
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	111	111	111	111	111	111	111	111	111	111	111	84	111	111
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-8	-8
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	103	103	103	103	103	103	103	103	103	103	103	80	103	103
25 SURPLUS/DEFICIT	-104	-104	-124	-157	-180	-186	-194	-201	-190	-175	-175	-158	-108	-102
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0
27 DEDICATED RESOURCES	30	30	30	30	30	30	30	30	30	30	30	17	30	30
28 BPA PWR SALE CNTRCT PURCH	131	131	151	162	185	191	199	206	195	180	180	172	135	129
29 SURPLUS/DEFICIT W/PURCH	27	27	27	5	5	5	5	5	5	5	5	14	27	27
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	27	27	27	5	5	5	5	5	5	5	5	14	27	27
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	27	27	27	5	5	5	5	5	5	5	5	14	27	27

TABLE U-14

GRAYS HARBOR COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	155	155	175	208	230	234	243	251	241	226	226	186	159	153
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	155	155	175	208	230	234	243	251	241	226	226	186	159	153
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	54	54	54	54	54	54	54	54	54	27	27	54	54	54
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	54	54	54	54	54	54	54	54	54	27	27	54	54	54
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-4	-8	-8	-8
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	46	46	46	46	46	46	46	46	46	23	23	46	46	46
25 SURPLUS/DEFICIT	-109	-109	-129	-162	-184	-188	-197	-205	-195	-203	-203	-140	-113	-107
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0
27 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA PWR SALE CNTRCT PURCH	159	159	179	189	213	218	226	234	223	208	208	186	163	157
29 SURPLUS/DEFICIT W/PURCH	50	50	50	27	29	30	29	29	28	5	5	46	50	50
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	50	50	50	27	29	30	29	29	28	5	5	46	50	50
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	50	50	50	27	29	30	29	29	28	5	5	46	50	50

TABLE U-14

GRAYS HARBOR COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	158	158	179	212	232	235	243	252	242	229	229	190	162	155
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	158	158	179	212	232	235	243	252	242	229	229	190	162	155
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	54	54	54	54	54	54	54	54	54	54	54	27	54	54
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	54	54	54	54	54	54	54	54	54	54	54	27	54	54
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-4	-8	-8
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	46	46	46	46	46	46	46	46	46	46	46	23	46	46
25 SURPLUS/DEFICIT	-112	-112	-133	-166	-186	-189	-197	-206	-196	-183	-183	-167	-116	-109
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0
27 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA PWR SALE CNTRCT PURCH	159	159	179	189	213	218	226	234	223	208	208	186	163	157
29 SURPLUS/DEFICIT W/PURCH	47	47	46	23	27	29	29	28	27	25	25	19	47	48
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	47	47	46	23	27	29	29	28	27	25	25	19	47	48
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	47	47	46	23	27	29	29	28	27	25	25	19	47	48

TABLE U-15

OKANOGAN COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	84	84	94	99	120	137	131	126	106	94	94	90	88	87
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	84	84	94	99	120	137	131	126	106	94	94	90	88	87
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8 CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	64	64	64	64	64	64	64	64	64	64	64	64	64	64
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	2	2	2	2	2	2	2	2	2	2	2	6	6	6
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	66	66	66	66	66	66	66	66	66	66	66	70	70	70
21 HYD SM THRM & MISC RESERVES	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	66	66	66	66	66	66	66	66	66	66	66	70	70	70
25 SURPLUS/DEFICIT	-18	-18	-28	-33	-54	-71	-65	-60	-40	-28	-28	-20	-18	-17
26 BPA PSC DIVERSIFICATION	4	4	5	6	7	8	8	7	6	5	5	3	3	5
27 DEDICATED RESOURCES	66	66	66	66	66	66	66	66	66	66	66	70	70	70
28 BPA PWR SALE CNTRCT PURCH	26	29	34	34	50	66	60	56	45	38	36	20	20	27
29 SURPLUS/DEFICIT W/PURCHASE	8	11	6	1	-4	-5	-5	-4	5	10	8	0	2	10
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-20	-23	-22	-21	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	8	11	6	1	-24	-28	-27	-25	5	10	8	0	2	10
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	20	23	22	21	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	8	11	6	1	-4	-5	-5	-4	5	10	8	0	2	10

TABLE U-15

OKANOGAN COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	86	86	97	102	122	139	133	128	109	97	97	92	91	89
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	86	86	97	102	122	139	133	128	109	97	97	92	91	89
RESOURCES														
5 REGULATED HYDRO	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-4	-3	-3	-4	-3	-4	-4	-4	-4	-4
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	64	64	64	64	63	64	64	63	64	63	63	63	63	63
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
21 HYD SM THRM & MISC RESERVES	-3	-3	-3	-3	-3	-3	-3	-3	-3	-4	-4	-3	-3	-3
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
25 SURPLUS/DEFICIT	-22	-22	-33	-38	-59	-75	-69	-65	-45	-34	-34	-29	-28	-26
26 BPA PSC DIVERSIFICATION	4	4	5	5	6	7	7	7	5	4	4	3	2	4
27 DEDICATED RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
28 BPA PWR SALE CNTRCT PURCH	27	30	35	36	51	68	61	57	46	39	37	21	21	29
29 SURPLUS/DEFICIT W/PURCHASE	5	8	2	-2	-8	-7	-8	-8	1	5	3	-8	-7	3
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-20	-23	-22	-21	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	5	8	2	-2	-28	-30	-30	-29	1	5	3	-8	-7	3
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	20	23	22	21	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	5	8	2	-2	-8	-7	-8	-8	1	5	3	-8	-7	3

TABLE U-15

OKANOGAN COUNTY PUBLIC UTILITY DISTRICT #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	89	89	101	105	124	141	135	131	111	100	100	96	94	92
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	89	89	101	105	124	141	135	131	111	100	100	96	94	92
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	67	67	67	67	67	67	67	67	67	67	67	67	67	67
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-4	-3	-3	-4	-3	-4	-4	-4	-4	-4
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	64	64	64	64	63	64	64	63	64	63	63	63	63	63
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
21 HYD SM THRM & MISC RESERVES	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
25 SURPLUS/DEFICIT	-25	-25	-37	-41	-61	-77	-71	-68	-47	-37	-37	-33	-31	-29
26 BPA PSC DIVERSIFICATION	4	4	5	5	6	7	7	7	5	4	4	3	2	4
27 DEDICATED RESOURCES	64	64	64	64	63	64	64	63	64	63	63	63	63	63
28 BPA PWR SALE CNTRCT PURCH	27	30	35	36	51	68	61	57	46	39	37	21	21	29
29 SURPLUS/DEFICIT W/PURCHASE	2	5	-2	-5	-10	-9	-10	-11	-1	2	0	-12	-10	0
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-21	-24	-23	-22	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	2	5	-2	-5	-31	-33	-33	-33	-1	2	0	-12	-10	0
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	21	24	23	22	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	2	5	-2	-5	-10	-9	-10	-11	-1	2	0	-12	-10	0

TABLE U-16

PEND OREILLE COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	56	56	59	64	71	81	86	81	79	71	71	61	53	54
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	91	91	91	91	91	91	91	91	91	91	91	91	91	91
4 TOTAL LOADS 1/	147	147	150	155	162	172	177	172	170	162	162	152	144	145
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	82	83	82	80	82	82	82	83	82	82	80	78	78	79
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	83	84	83	81	83	83	83	84	83	83	81	79	79	80
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	38	38	38	38	38	38	38	38	38	38	38	38	38	38
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	122	123	122	120	122	122	122	123	122	121	119	117	117	118
21 HYD SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	118	119	118	116	118	118	118	119	118	117	115	113	113	114
25 SURPLUS/DEFICIT	-29	-28	-32	-39	-44	-54	-59	-53	-52	-45	-47	-39	-31	-31
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	25	26	25	23	25	25	25	26	25	24	22	20	20	21
28 BPA PWR SALE CNTRCT PURCH	52	57	53	45	59	60	76	71	63	53	53	45	37	37
29 SURPLUS/DEFICIT W/PURCHASE	23	29	21	6	15	6	17	18	11	8	6	6	6	6
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-11	-12	-13	-12	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	23	29	21	6	4	-6	4	6	11	8	6	6	6	6
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	6	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	23	29	21	6	4	0	4	6	11	8	6	6	6	6

NOTE: 1. CONTRACTS OUT INCLUDE PONDERAY FIBRE MILL AS A NON-DEDICATED RESOURCE.

TABLE U-16

PEND OREILLE COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	57	57	61	66	72	83	88	84	81	73	73	63	54	55
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	87	87	87	87	87	87	87	87	87	87	87	87	87	87
4 TOTAL LOADS 1/	144	144	148	153	159	170	175	171	168	160	160	150	141	142
RESOURCES														
5 REGULATED HYDRO	82	83	82	80	82	82	82	83	82	82	80	78	78	79
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	83	84	83	81	83	83	83	84	83	83	81	79	79	80
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	36	36	36	36	36	36	36	36	36	36	36	36	36	36
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	119	120	119	117	119	119	119	120	119	119	117	115	115	116
21 HYD SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	115	116	115	113	115	115	115	116	115	115	113	111	111	112
25 SURPLUS/DEFICIT	-29	-28	-33	-40	-44	-55	-60	-55	-53	-45	-47	-39	-30	-30
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	32	33	32	30	32	32	32	33	32	32	30	28	28	29
28 BPA PWR SALE CNTRCT PURCH	45	54	46	39	53	54	70	67	57	47	46	38	30	29
29 SURPLUS/DEFICIT W/PURCHASE	16	26	13	-1	9	-1	10	12	4	2	-1	-1	0	-1
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-11	-12	-13	-13	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	16	26	13	-1	-2	-13	-3	-1	4	2	-1	-1	0	-1
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	2	12	3	1	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	16	26	13	-1	0	-1	0	0	4	2	-1	-1	0	-1

NOTE: 1. CONTRACTS OUT INCLUDE PONDERAY FIBRE MILL AS A NON-DEDICATED RESOURCE.

TABLE U-16

PEND OREILLE COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	60	60	64	68	75	86	90	86	84	75	75	65	56	57
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	75	75	75	75	75	75	75	75	75	75	75	75	75	75
4 TOTAL LOADS 1/	135	135	139	143	150	161	165	161	159	150	150	140	131	132
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	82	83	82	80	82	82	82	83	82	82	80	78	78	79
6 INDEPENDENT HYDRO	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	83	84	83	81	83	83	83	84	83	83	81	79	79	80
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	48	48	48	48	48	48	48	48	48	48	48	48	48	48
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	131	132	131	129	131	131	131	132	131	131	129	127	127	128
21 HYD SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	127	128	127	125	127	127	127	128	127	127	125	123	123	124
25 SURPLUS/DEFICIT	-8	-7	-12	-18	-23	-34	-38	-33	-32	-23	-25	-17	-8	-8
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	56	57	56	54	56	56	56	57	56	56	54	52	52	53
28 BPA PWR SALE CNTRCT PURCH	45	54	46	39	53	54	70	67	57	47	46	38	30	29
29 SURPLUS/DEFICIT W/PURCHASE	37	47	34	21	30	20	32	34	25	24	21	21	22	21
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-11	-13	-14	-13	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	37	47	34	21	19	7	18	21	25	24	21	21	22	21
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	37	47	34	21	19	7	18	21	25	24	21	21	22	21

NOTE: 1. CONTRACTS OUT INCLUDE PONDERAY FIBRE MILL AS A NON-DEDICATED RESOURCE.

TABLE U-17

SEATTLE CITY LIGHT  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1254	1254	1260	1531	1725	1723	1803	1723	1700	1574	1574	1425	1270	1268
2 EXPORTS	60	60	60	29	0	0	0	0	0	0	0	0	60	60
3 CONTRACTS OUT	86	86	64	82	32	32	32	32	32	32	32	32	32	32
4 TOTAL LOADS	1400	1400	1384	1642	1757	1755	1835	1755	1732	1606	1606	1457	1362	1360
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1711	1699	1270	1433	1693	1671	1655	1631	1634	1627	1628	1785	1858	1715
6 INDEPENDENT HYDRO	0	0	25	30	37	37	37	37	37	30	30	30	30	0
7 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8 CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1707	1695	1291	1459	1726	1704	1688	1664	1667	1653	1654	1811	1884	1711
11 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	25	25	25	25	25	25	25	25	25	24	24	24	24	24
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	142	142	143	143	122	164	195	228	254	154	154	143	143	143
17 CONTRACTS IN	68	68	18	18	18	18	18	18	18	18	18	18	18	18
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	54	107	107
19 NON-UTILITY GENERATION	120	120	75	27	4	5	10	12	27	88	88	134	141	138
20 TOTAL RESOURCES	2170	2158	1660	1780	2003	2024	2044	2055	2099	2045	2046	2185	2318	2142
21 HYD SM THRM & MISC RESERVES	-92	-91	-69	-75	-87	-86	-85	-84	-85	-87	-87	-98	-102	-93
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
24 NET RESOURCES	1865	1885	1357	1671	1884	1919	1921	1930	1936	1877	1870	2004	2093	1995
25 SURPLUS/DEFICIT	465	485	-27	29	127	164	86	175	204	271	264	547	731	635
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2087	2075	1627	1747	1945	1945	1965	1976	2020	2000	2001	2152	2285	2109
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	660	680	168	224	322	359	281	370	399	466	459	742	926	830
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-190	-189	-198	-189	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	660	680	168	224	132	170	83	181	399	466	459	742	926	830
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	660	680	168	224	132	170	83	181	399	466	459	742	926	830

TABLE U-17

SEATTLE CITY LIGHT  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1259	1259	1265	1533	1718	1710	1789	1714	1697	1578	1578	1434	1280	1273
2 EXPORTS	60	60	60	29	0	0	0	0	0	0	0	0	60	60
3 CONTRACTS OUT	90	90	68	86	36	36	36	36	36	36	36	36	36	36
4 TOTAL LOADS	1409	1409	1393	1648	1754	1746	1825	1750	1733	1614	1614	1470	1376	1369
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1711	1699	1270	1433	1693	1671	1655	1631	1634	1627	1628	1785	1858	1715
6 INDEPENDENT HYDRO	0	0	25	30	37	37	37	37	37	30	30	30	30	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-5	-5	-5	-4	-5	-4	-4	-5	-4	-5	-5	-5	-5	-5
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1706	1694	1290	1459	1725	1704	1688	1663	1667	1652	1653	1810	1883	1710
11 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	142	142	143	143	122	164	195	228	254	155	155	143	143	143
17 CONTRACTS IN	62	62	12	12	12	12	12	12	12	12	12	12	12	12
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	54	54	107	107	107
19 NON-UTILITY GENERATION	120	120	75	27	4	5	10	12	27	88	88	134	141	138
20 TOTAL RESOURCES	2138	2126	1628	1749	1971	1993	2013	2023	2068	1962	1963	2207	2287	2111
21 HYD SM THRM & MISC RESERVES	-92	-91	-69	-75	-87	-86	-85	-84	-85	-87	-87	-98	-102	-93
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
23 HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
24 NET RESOURCES	1833	1853	1325	1640	1852	1888	1890	1898	1905	1802	1795	2018	2062	1964
25 SURPLUS/DEFICIT	424	444	-68	-8	98	142	65	148	172	188	181	548	686	595
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2051	2039	1591	1712	1909	1910	1930	1940	1985	1913	1914	2170	2250	2074
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	619	639	127	187	293	337	260	343	367	383	376	743	881	790
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-189	-188	-197	-188	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	619	639	127	187	104	149	63	155	367	383	376	743	881	790
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	619	639	127	187	104	149	63	155	367	383	376	743	881	790

TABLE U-17

SEATTLE CITY LIGHT  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1269	1269	1275	1538	1712	1697	1781	1711	1704	1590	1590	1453	1298	1288
2 EXPORTS	60	60	60	29	0	0	0	0	0	0	0	0	60	60
3 CONTRACTS OUT	48	48	48	48	48	48	48	48	48	48	48	48	48	48
4 TOTAL LOADS	1377	1377	1383	1615	1760	1745	1829	1759	1752	1638	1638	1501	1406	1396
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	1639	1627	1198	1361	1621	1599	1583	1559	1562	1555	1556	1713	1786	1643
6 INDEPENDENT HYDRO	0	0	25	30	37	37	37	37	37	30	30	30	30	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1639	1627	1223	1391	1658	1636	1620	1596	1599	1585	1586	1743	1816	1643
11 SMALL THERMAL & MISC	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	143	143	143	143	122	164	195	228	254	155	155	143	143	143
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	54	107	107
19 NON-UTILITY GENERATION	121	121	75	28	4	5	10	12	27	88	88	134	142	138
20 TOTAL RESOURCES	2011	1999	1549	1670	1892	1913	1933	1944	1988	1936	1937	2075	2209	2032
21 HYD SM THRM & MISC RESERVES	-88	-87	-65	-71	-83	-82	-82	-80	-81	-84	-84	-94	-98	-89
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-197	-166	-218	-18	-16	-3	-22	-25	-62	-65	-73	-75	-107	-38
24 NET RESOURCES	1710	1730	1250	1565	1777	1812	1813	1823	1829	1771	1764	1898	1988	1889
25 SURPLUS/DEFICIT	333	353	-133	-50	17	67	-16	64	77	133	126	397	582	493
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1962	1950	1500	1621	1818	1818	1838	1849	1893	1875	1876	2026	2160	1983
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	528	548	62	145	212	262	179	259	272	328	321	592	777	688
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-188	-187	-196	-188	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	528	548	62	145	24	75	-17	71	272	328	321	592	777	688
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	17	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	528	548	62	145	24	75	0	71	272	328	321	592	777	688

TABLE U-18

SNOHOMISH COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	731	731	837	1132	1284	1411	1368	1429	1256	1154	1154	1003	889	712
2 EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
3 CONTRACTS OUT	5	5	5	6	7	10	10	8	7	7	7	6	5	5
4 TOTAL LOADS	772	772	878	1164	1317	1447	1404	1463	1289	1187	1187	1035	927	750
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	161	161	161	162	163	216	219	217	216	216	216	165	164	164
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	53	107	107
19 NON-UTILITY GENERATION	39	39	39	28	28	28	28	28	28	39	39	39	39	38
20 TOTAL RESOURCES	413	413	413	403	404	457	460	458	457	468	468	363	416	415
21 HYD SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-6	-7	-7	-7	-7	-7	-7	-7
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
24 NET RESOURCES	340	374	385	380	381	434	438	435	434	428	428	331	393	376
25 SURPLUS/DEFICIT	-432	-398	-493	-784	-936	-1013	-966	-1028	-855	-759	-759	-704	-534	-374
26 BPA PSC DIVERSIFICATION	255	255	255	302	302	302	302	302	302	302	302	302	302	302
27 DEDICATED RESOURCES	216	216	216	215	215	215	215	215	215	226	226	172	219	219
28 BPA PWR SALE CNTRCT PURCH	334	300	395	638	790	917	873	935	762	666	666	561	391	230
29 SURPLUS/DEFICIT W/PURCHASE	-98	-98	-98	-146	-146	-96	-93	-93	-93	-93	-93	-143	-143	-144
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-295	-324	-315	-329	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-98	-98	-98	-146	-441	-420	-408	-422	-93	-93	-93	-143	-143	-144
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	295	324	315	329	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-98	-98	-98	-146	-146	-96	-93	-93	-93	-93	-93	-143	-143	-144

TABLE U-18

SNOHOMISH COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	779	779	892	1203	1357	1485	1438	1506	1330	1225	1225	1070	950	758
2 EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33
3 CONTRACTS OUT	11	11	11	13	16	22	21	18	16	14	14	12	11	11
4 TOTAL LOADS	826	826	939	1242	1399	1533	1485	1550	1372	1265	1265	1108	994	802
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	100	100	100	100	100	100	100	100	100	100	100	100	100	100
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	53	53	107	107	107
19 NON-UTILITY GENERATION	39	39	39	28	28	28	28	28	28	39	39	39	39	38
20 TOTAL RESOURCES	349	349	349	338	338	338	338	338	338	295	295	349	349	348
21 HYD SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
23 HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
24 NET RESOURCES	276	310	321	315	315	315	315	315	315	263	263	309	326	309
25 SURPLUS/DEFICIT	-550	-516	-618	-927	-1084	-1218	-1170	-1235	-1057	-1002	-1002	-799	-668	-493
26 BPA PSC DIVERSIFICATION	314	314	314	314	314	314	314	314	314	314	314	314	314	314
27 DEDICATED RESOURCES	213	213	213	212	212	212	212	212	212	169	169	223	216	216
28 BPA PWR SALE CNTRCT PURCH	299	264	364	643	796	923	882	946	772	675	675	568	397	229
29 SURPLUS/DEFICIT W/PURCHASE	-252	-252	-255	-284	-288	-295	-288	-289	-285	-327	-327	-231	-271	-264
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-312	-342	-331	-346	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-252	-252	-255	-284	-600	-637	-619	-635	-285	-327	-327	-231	-271	-264
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	312	342	331	346	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-252	-252	-255	-284	-288	-295	-288	-289	-285	-327	-327	-231	-271	-264

TABLE U-18

SNOHOMISH COUNTY PUD #1  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	840	840	961	1290	1445	1575	1520	1596	1417	1311	1311	1150	1022	819
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	11	11	11	13	16	22	21	18	16	14	14	12	11	21
4 TOTAL LOADS	851	851	972	1303	1461	1597	1541	1614	1433	1325	1325	1162	1033	840
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	103	103	103	103	103	103	103	103	103	103	103	103	103	103
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	53	107	107
19 NON-UTILITY GENERATION	39	39	39	28	28	28	28	28	28	39	39	39	39	39
20 TOTAL RESOURCES	249	249	249	238	238	238	238	238	238	249	249	195	249	249
21 HYD SM THRM & MISC RESERVES	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-50	-16	-5	0	0	0	0	0	0	-17	-17	-17	0	-16
24 NET RESOURCES	176	210	221	215	215	215	215	215	215	209	209	163	226	210
25 SURPLUS/DEFICIT	-675	-641	-751	-1088	-1246	-1382	-1326	-1399	-1218	-1116	-1116	-999	-807	-630
26 BPA PSC DIVERSIFICATION	314	314	314	314	314	314	314	314	314	314	314	314	314	314
27 DEDICATED RESOURCES	249	249	249	238	238	238	238	238	238	249	249	195	249	249
28 BPA PWR SALE CNTRCT PURCH	299	264	364	643	796	923	882	946	772	675	675	568	397	229
29 SURPLUS/DEFICIT W/PURCHASE	-377	-377	-388	-445	-450	-459	-444	-453	-446	-441	-441	-431	-410	-401
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-332	-362	-350	-367	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-377	-377	-388	-445	-782	-821	-794	-820	-446	-441	-441	-431	-410	-401
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	332	362	350	367	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-377	-377	-388	-445	-450	-459	-444	-453	-446	-441	-441	-431	-410	-401

TABLE U-19

SPRINGFIELD UTILITY BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	137	137	145	174	187	200	204	206	194	167	167	168	143	137
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	137	137	145	174	187	200	204	206	194	167	167	168	143	137
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	71	71	71	71	71	71	71	71	71	71	71	71	71	71
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	72	72	72	72	72	72	72	72	72	72	72	72	72	72
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	72	72	72	72	72	72	72	72	72	72	72	72	72	72
25 SURPLUS/DEFICIT	-65	-65	-73	-102	-115	-128	-132	-134	-122	-95	-95	-96	-71	-65
26 BPA PSC DIVERSIFICATION	46	46	71	71	81	86	76	79	71	71	71	21	21	46
27 DEDICATED RESOURCES	51	51	51	51	51	51	51	51	51	51	51	51	51	51
28 BPA PWR SALE CNTRCT PURCH	40	40	23	52	55	63	77	76	72	45	45	96	71	40
29 SURPLUS/DEFICIT W/PURCHASE	-25	-25	-50	-50	-60	-65	-55	-58	-50	-50	-50	0	0	-25
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-31	-33	-34	-34	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-25	-25	-50	-50	-91	-98	-89	-92	-50	-50	-50	0	0	-25
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	31	33	34	34	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-25	-25	-50	-50	-60	-65	-55	-58	-50	-50	-50	0	0	-25

TABLE U-19

SPRINGFIELD UTILITY BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL
PEAK IN MEGAWATTS	1-15	16-31								1-15	16-30			
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	143	143	151	181	193	207	210	213	201	174	174	175	149	143
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	143	143	151	181	193	207	210	213	201	174	174	175	149	143
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	31	31	31	31	31	31	31	31	31	31	31	31	31	31
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	31	31	31	31	31	31	31	31	31	31	31	31	31	31
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	31	31	31	31	31	31	31	31	31	31	31	31	31	31
25 SURPLUS/DEFICIT	-112	-112	-120	-150	-162	-176	-179	-182	-170	-143	-143	-144	-118	-112
26 BPA PSC DIVERSIFICATION	21	21	21	21	21	21	21	21	21	21	21	21	21	21
27 DEDICATED RESOURCES	31	31	31	31	31	31	31	31	31	31	31	31	31	31
28 BPA PWR SALE CNTRCT PURCH	118	118	126	104	117	130	133	136	124	96	96	98	72	67
29 SURPLUS/DEFICIT W/PURCHASE	6	6	6	-46	-45	-46	-46	-46	-46	-47	-47	-46	-46	-45
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-32	-35	-35	-36	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	6	6	6	-46	-77	-81	-81	-82	-46	-47	-47	-46	-46	-45
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	32	35	35	36	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	6	6	6	-46	-45	-46	-46	-46	-46	-47	-47	-46	-46	-45

TABLE U-19

SPRINGFIELD UTILITY BOARD  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	150	150	159	192	203	216	219	223	211	184	184	185	157	151
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	150	150	159	192	203	216	219	223	211	184	184	185	157	151
RESOURCES														
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 HYD SM THRM & MISC RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 SURPLUS/DEFICIT	-150	-150	-159	-192	-203	-216	-219	-223	-211	-184	-184	-185	-157	-151
26 BPA PSC DIVERSIFICATION	21	21	21	21	21	21	21	21	21	21	21	21	21	21
27 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA PWR SALE CNTRCT PURCH	118	118	126	104	117	130	133	136	124	96	96	98	72	67
29 SURPLUS/DEFICIT W/PURCHASE	-32	-32	-33	-88	-86	-86	-86	-87	-87	-88	-88	-87	-85	-84
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-34	-36	-37	-37	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-32	-32	-33	-88	-120	-122	-123	-124	-87	-88	-88	-87	-85	-84
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	34	36	37	37	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-32	-32	-33	-88	-86	-86	-86	-87	-87	-88	-88	-87	-85	-84

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TACOMA PUBLIC UTILITIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL
PEAK IN MEGAWATTS	1-15	16-31								1-15	16-30			
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	707	707	768	911	1019	1079	1063	1051	990	939	939	848	734	696
2 EXPORTS	41	41	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	798	798	842	985	1093	1120	1104	1092	1031	980	980	889	775	737
RESOURCES														
5 REGULATED HYDRO	749	722	581	604	683	631	625	596	427	461	501	347	630	735
6 INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7 CAN. ENT. RETURN (CSPE)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
8 CAN. ENT. RETURN (CANADA)	-3	-2	-2	-3	-2	-3	-3	-3	-3	-2	-3	-3	-2	-3
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	756	730	589	612	692	639	633	604	435	470	509	355	639	742
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	0	17	17
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	25	25	25	25	25	25	25	25	25	24	24	24	24	24
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	48	48	48	98	48	48	48	48	48	48	48	48	48	48
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	54	107	107
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	48	55	59
20 TOTAL RESOURCES	1006	980	819	874	889	836	830	801	636	701	740	529	890	997
21 HYD SM THRM & MISC RESERVES	-42	-40	-32	-32	-36	-33	-33	-31	-23	-26	-28	-20	-36	-41
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
24 NET RESOURCES	771	702	646	820	834	784	778	748	576	638	670	455	784	850
25 SURPLUS/DEFICIT	-27	-96	-196	-165	-259	-336	-326	-344	-455	-342	-310	-434	9	113
26 BPA PSC DIVERSIFICATION	0	0	0	0	162	176	218	174	42	100	100	308	247	171
27 DEDICATED RESOURCES	883	857	716	738	818	765	759	730	561	596	635	428	765	869
28 BPA PWR SALE CNTRCT PURCH	102	102	68	86	102	149	153	153	68	26	26	26	26	68
29 SURPLUS/DEFICIT W/PURCHASE	75	6	-128	-79	-157	-187	-173	-191	-387	-316	-284	-408	35	181
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-204	-216	-213	-210	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	75	6	-128	-79	-361	-403	-386	-401	-387	-316	-284	-408	35	181
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	75	6	-128	-79	-361	-403	-386	-401	-387	-316	-284	-408	35	181

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TACOMA PUBLIC UTILITIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	730	730	793	938	1044	1102	1093	1083	1025	975	975	884	766	725
2 EXPORTS	41	41	74	74	74	41	41	41	41	41	41	41	41	41
3 CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	821	821	867	1012	1118	1143	1134	1124	1066	1016	1016	925	807	766
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	749	722	581	604	683	631	625	596	427	461	501	347	630	735
6 INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	755	728	587	611	690	638	632	603	434	468	508	354	637	741
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	0	17	17
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	50	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	54	54	107	107	107
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	48	55	59
20 TOTAL RESOURCES	932	905	744	800	814	762	756	727	562	574	614	509	816	924
21 HYD SM THRM & MISC RESERVES	-42	-40	-32	-32	-36	-33	-33	-31	-23	-26	-28	-20	-36	-41
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-8	-16	-16	-16
23 HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
24 NET RESOURCES	697	627	571	746	759	710	704	674	502	519	552	427	710	777
25 SURPLUS/DEFICIT	-124	-194	-296	-266	-359	-433	-430	-450	-564	-497	-464	-498	-97	11
26 BPA PSC DIVERSIFICATION	0	0	0	0	126	180	185	143	16	77	77	317	253	0
27 DEDICATED RESOURCES	862	835	694	717	796	744	738	709	540	521	561	460	743	848
28 BPA PWR SALE CNTRCT PURCH	102	102	102	86	102	149	153	153	68	26	26	26	26	68
29 SURPLUS/DEFICIT W/PURCHASE	-22	-92	-194	-180	-257	-284	-277	-297	-496	-471	-438	-472	-71	79
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-209	-220	-219	-217	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-22	-92	-194	-180	-466	-504	-496	-514	-496	-471	-438	-472	-71	79
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-22	-92	-194	-180	-466	-504	-496	-514	-496	-471	-438	-472	-71	79

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TACOMA PUBLIC UTILITIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	768	768	834	982	1085	1141	1124	1117	1062	1015	1015	925	803	762
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	768	768	834	982	1085	1141	1124	1117	1062	1015	1015	925	803	762
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	677	650	509	532	611	559	553	524	355	389	429	275	558	663
6 INDEPENDENT HYDRO	11	11	11	12	12	12	12	12	12	12	12	12	12	11
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	688	661	520	544	623	571	565	536	367	401	441	287	570	674
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	0	17	17
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	107	107	107	107	107	107	107	107	107	107	107	54	107	107
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59
20 TOTAL RESOURCES	865	838	677	683	747	695	689	660	495	560	600	390	749	857
21 HYD SM THRM & MISC RESERVES	-38	-37	-29	-29	-32	-29	-29	-28	-20	-23	-25	-17	-32	-38
22 LARGE THERMAL RESERVES	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-8	-16	-16
23 HYDRO MAINTENANCE	-177	-222	-125	-6	-3	-3	-3	-6	-21	-21	-26	-46	-54	-90
24 NET RESOURCES	634	563	507	632	696	647	641	610	438	500	533	319	647	713
25 SURPLUS/DEFICIT	-134	-205	-327	-350	-389	-494	-483	-507	-624	-515	-482	-606	-156	-49
26 BPA PSC DIVERSIFICATION	0	0	0	0	126	180	185	143	16	77	77	317	253	0
27 DEDICATED RESOURCES	795	768	627	650	729	677	671	642	473	507	547	340	676	781
28 BPA PWR SALE CNTRCT PURCH	102	102	102	86	102	149	153	153	68	26	26	26	26	68
29 SURPLUS/DEFICIT W/PURCHASE	-32	-103	-225	-264	-287	-345	-330	-354	-556	-489	-456	-580	-130	19
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-217	-228	-225	-223	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-32	-103	-225	-264	-504	-573	-555	-577	-556	-489	-456	-580	-130	19
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-32	-103	-225	-264	-504	-573	-555	-577	-556	-489	-456	-580	-130	19

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SMALL AND NONGENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 ADJUSTED SYSTEM LOADS	3947	3947	3956	4160	4564	4843	5044	5135	4674	4493	4493	4275	4056	4027
2 EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3 CONTRACTS OUT	5	5	5	5	6	6	6	6	6	6	6	5	5	5
4 TOTAL LOADS	3972	3972	3961	4165	4570	4849	5050	5141	4680	4499	4499	4280	4082	4054
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6 INDEPENDENT HYDRO	56	56	53	50	51	51	52	51	59	59	59	58	58	59
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	91	91	88	85	86	86	87	86	94	94	94	93	93	94
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	17	17	17	17	17	17	17	17	17	17	17	17	17	17
14 RENEWABLES	6	6	6	6	6	6	6	6	6	6	6	6	6	6
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	63	63	64	62	60	66	58	68	55	58	58	56	59	62
17 CONTRACTS IN	285	285	308	322	350	393	391	390	369	315	315	698	697	688
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	11	11	11	11	11	11	11	11	11	11	11	11	11	11
20 TOTAL RESOURCES	473	473	494	503	530	579	570	578	552	501	501	881	883	878
21 HYD SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	468	468	489	498	525	574	565	573	547	496	496	876	878	873
25 SURPLUS/DEFICIT	-3504	-3504	-3472	-3667	-4045	-4275	-4485	-4568	-4133	-4003	-4003	-3404	-3204	-3181
26 BPA PSC DIVERSIFICATION	443	443	444	468	488	500	493	499	483	461	461	177	177	177
27 DEDICATED RESOURCES	393	393	422	439	465	514	506	514	488	455	455	834	816	809
28 BPA PWR SALE CNTRCT PURCH	3117	3117	3095	3258	3616	3834	4050	4127	3708	3582	3582	3269	3068	3046
29 SURPLUS/DEFICIT W/PURCHASE	-387	-387	-377	-409	-429	-441	-435	-441	-425	-421	-421	-135	-136	-135
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-762	-809	-842	-858	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-387	-387	-377	-409	-1191	-1250	-1277	-1299	-425	-421	-421	-135	-136	-135
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	762	809	842	858	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-387	-387	-377	-409	-429	-441	-435	-441	-425	-421	-421	-135	-136	-135

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SMALL AND NONGENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL
PEAK IN MEGAWATTS	1-15	16-31								1-15	16-30			
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 ADJUSTED SYSTEM LOADS	4057	4057	4076	4278	4661	4924	5127	5232	4781	4610	4610	4396	4168	4136
2 EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	4081	4081	4080	4282	4665	4928	5131	5236	4785	4614	4614	4400	4193	4162
RESOURCES														
5 REGULATED HYDRO	35	35	35	35	35	35	35	35	35	35	35	35	35	35
6 INDEPENDENT HYDRO	56	56	53	50	51	51	52	51	59	59	59	58	58	59
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-2	0	-2	-1	0	-1	-1	0	-1	0	0	-1	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	89	91	86	84	86	85	86	86	93	94	94	92	93	94
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	1024	1024	875	942	1031	1144	1208	1222	1087	1018	1018	1118	1093	1086
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	11	11	11	11	11	11	11	11	11	11	11	11	11	11
20 TOTAL RESOURCES	1131	1133	979	1044	1135	1247	1312	1326	1198	1130	1130	1228	1204	1198
21 HYD SM THRM & MISC RESERVES	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	1126	1128	974	1039	1130	1242	1307	1321	1193	1125	1125	1223	1199	1193
25 SURPLUS/DEFICIT	-2955	-2953	-3106	-3243	-3535	-3686	-3824	-3915	-3592	-3489	-3489	-3177	-2994	-2969
26 BPA PSC DIVERSIFICATION	29	29	31	242	263	275	268	273	258	235	235	186	187	186
27 DEDICATED RESOURCES	1055	1057	925	992	1080	1190	1256	1269	1142	1077	1077	1172	1127	1120
28 BPA PWR SALE CNTRCT PURCH	3562	3562	3565	3250	3696	3910	4202	4285	3866	3745	3745	3284	3091	3053
29 SURPLUS/DEFICIT W/PURCHASE	607	609	459	7	161	224	378	370	274	256	256	107	97	84
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-778	-822	-856	-874	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	607	609	459	7	-617	-598	-478	-504	274	256	256	107	97	84
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	617	598	478	504	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	607	609	459	7	0	0	0	0	274	256	256	107	97	84

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SMALL AND NONGENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL
PEAK IN MEGAWATTS	1-15	16-31								1-15	16-30			
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 ADJUSTED SYSTEM LOADS	4206	4206	4238	4439	4800	5040	5251	5378	4932	4773	4773	4564	4327	4287
2 EXPORTS	20	20	0	0	0	0	0	0	0	0	0	0	21	22
3 CONTRACTS OUT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 TOTAL LOADS	4230	4230	4242	4443	4804	5044	5255	5382	4936	4777	4777	4568	4352	4313
RESOURCES														
5 REGULATED HYDRO	19	19	19	19	19	19	19	19	19	19	19	19	19	19
6 INDEPENDENT HYDRO	56	56	53	50	51	51	52	51	59	59	59	58	58	59
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-2	0	-2	-1	0	-1	-1	0	-1	0	0	-1	0	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	73	75	70	68	70	69	70	70	77	78	78	76	77	78
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	7	7	7	7	7	7	7	7	7	7	7	7	7	7
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	224	224	206	219	241	277	282	300	266	245	245	227	224	222
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	3	3	4	3	4	3	4	3	3	3	3	3	3	3
20 TOTAL RESOURCES	307	309	287	297	322	356	363	380	353	333	333	313	311	310
21 HYD SM THRM & MISC RESERVES	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
22 LARGE THERMAL RESERVES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	303	305	283	293	318	352	359	376	349	329	329	309	307	306
25 SURPLUS/DEFICIT	-3927	-3925	-3959	-4150	-4486	-4692	-4896	-5006	-4587	-4448	-4448	-4259	-4045	-4007
26 BPA PSC DIVERSIFICATION	29	29	31	242	263	275	268	273	258	235	235	186	187	186
27 DEDICATED RESOURCES	257	259	256	267	292	326	333	350	323	304	304	283	260	258
28 BPA PWR SALE CNTRCT PURCH	3562	3562	3565	3250	3696	3910	4202	4285	3866	3745	3745	3284	3091	3053
29 SURPLUS/DEFICIT W/PURCHASE	-365	-363	-394	-900	-790	-782	-694	-721	-721	-703	-703	-975	-954	-954
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-802	-842	-877	-898	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-365	-363	-394	-900	-1592	-1624	-1571	-1619	-721	-703	-703	-975	-954	-954
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	802	842	877	898	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-365	-363	-394	-900	-790	-782	-694	-721	-721	-703	-703	-975	-954	-954

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GENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	5373	5373	5632	6726	7480	7930	8045	7933	7459	6898	6898	6325	5677	5359
2 EXPORTS	137	137	170	129	100	67	67	67	67	67	67	67	134	134
3 CONTRACTS OUT	360	360	288	307	208	211	211	209	208	208	208	207	256	256
4 TOTAL LOADS	5870	5870	6090	7162	7788	8208	8323	8209	7734	7173	7173	6599	6067	5749
RESOURCES														
5 REGULATED HYDRO	4085	4044	3472	3624	3983	3913	3879	3814	3665	3665	3705	3684	4082	4122
6 INDEPENDENT HYDRO	136	139	164	173	179	171	171	178	182	175	174	179	178	147
7 CAN. ENT. RETURN (CSPE)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-17
8 CAN. ENT. RETURN (CANADA)	-59	-56	-57	-59	-57	-57	-59	-58	-57	-56	-59	-57	-56	-59
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	4146	4111	3563	3722	4089	4011	3975	3918	3774	3768	3804	3790	4188	4193
11 SMALL THERMAL & MISC	18	18	18	18	18	18	18	18	18	18	18	1	18	18
12 COMBUSTION TURBINES	231	231	235	240	242	245	252	250	247	247	247	244	240	236
13 CSPE PURCHASE	83	83	83	83	83	83	83	83	83	79	79	79	79	79
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	208	208	209	217	211	261	297	325	342	235	235	215	209	207
17 CONTRACTS IN	843	843	814	857	928	1034	1117	1095	1050	1002	1002	825	861	892
18 LARGE THERMAL	375	375	375	375	375	375	375	375	375	375	375	188	375	375
19 NON-UTILITY GENERATION	226	226	158	83	37	37	38	41	69	184	184	274	287	261
20 TOTAL RESOURCES	6150	6115	5475	5615	6003	6064	6175	6125	5978	5928	5964	5636	6277	6261
21 HYD SM THRM & MISC RESERVES	-236	-234	-203	-208	-224	-219	-219	-216	-210	-216	-218	-220	-241	-239
22 LARGE THERMAL RESERVES	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-56	-56
23 HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
24 NET RESOURCES	5280	5287	4734	5237	5642	5729	5825	5752	5500	5415	5445	5147	5731	5712
25 SURPLUS/DEFICIT	-590	-583	-1356	-1925	-2146	-2479	-2498	-2457	-2234	-1758	-1728	-1452	-336	-37
26 BPA PSC DIVERSIFICATION	698	698	798	972	1312	1392	1356	1262	1035	1106	1106	1155	977	901
27 DEDICATED RESOURCES	5284	5246	4669	4825	5210	5204	5220	5165	5004	4968	5005	4830	5390	5361
28 BPA PWR SALE CNTRCT PURCH	1271	1223	1290	1701	1903	2131	2196	2270	1907	1680	1676	1637	1235	1062
29 SURPLUS/DEFICIT W/PURCHASE	684	643	-63	-220	-240	-345	-299	-184	-323	-76	-49	189	902	1029
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1254	-1333	-1344	-1329	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	684	643	-63	-220	-1494	-1678	-1643	-1513	-323	-76	-49	189	902	1029
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	704	817	804	794	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	684	643	-63	-220	-790	-861	-839	-720	-323	-76	-49	189	902	1029

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GENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	5570	5570	5845	6963	7696	8140	8242	8154	7692	7134	7134	6563	5898	5559
2 EXPORTS	137	137	170	129	100	67	67	67	67	67	67	67	134	134
3 CONTRACTS OUT	312	312	240	260	163	169	168	165	163	161	161	159	208	208
4 TOTAL LOADS	6019	6019	6255	7352	7959	8376	8477	8386	7922	7362	7362	6789	6240	5901
RESOURCES														
5 REGULATED HYDRO	4247	4206	3635	3788	4146	4077	4042	3977	3829	3829	3869	3849	4246	4283
6 INDEPENDENT HYDRO	136	139	164	173	178	171	171	178	182	175	174	179	178	147
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-96	-103	-96	-95	-100	-95	-95	-100	-95	-101	-101	-105	-101	-101
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	4287	4242	3703	3866	4224	4153	4118	4055	3916	3903	3942	3923	4323	4329
11 SMALL THERMAL & MISC	18	18	18	18	18	18	18	18	18	18	18	1	18	18
12 COMBUSTION TURBINES	235	235	239	245	247	249	247	245	242	242	242	239	235	231
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	208	208	209	143	122	164	195	228	254	155	155	143	143	143
17 CONTRACTS IN	310	310	260	310	260	260	260	260	260	260	260	260	260	260
18 LARGE THERMAL	375	375	375	375	375	375	375	375	375	188	188	375	375	375
19 NON-UTILITY GENERATION	226	226	158	83	37	37	38	41	69	184	184	274	287	261
20 TOTAL RESOURCES	5679	5634	4982	5060	5303	5256	5271	5242	5154	4970	5009	5235	5661	5617
21 HYD SM THRM & MISC RESERVES	-244	-242	-212	-216	-232	-227	-227	-224	-218	-224	-226	-228	-249	-247
22 LARGE THERMAL RESERVES	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-28	-56	-56	-56
23 HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
24 NET RESOURCES	4801	4798	4232	4674	4933	4914	4913	4861	4668	4477	4510	4710	5107	5060
25 SURPLUS/DEFICIT	-1218	-1221	-2023	-2678	-3026	-3462	-3564	-3525	-3254	-2885	-2852	-2079	-1133	-841
26 BPA PSC DIVERSIFICATION	750	750	827	951	1249	1366	1308	1211	994	1065	1065	1194	1009	729
27 DEDICATED RESOURCES	5111	5063	4479	4538	4830	4789	4779	4756	4653	4493	4532	4743	5139	5109
28 BPA PWR SALE CNTRCT PURCH	1542	1499	1641	2038	2335	2619	2679	2728	2306	2037	2034	1869	1469	1297
29 SURPLUS/DEFICIT W/PURCHASE	327	281	-379	-637	-688	-840	-882	-794	-945	-844	-814	-206	340	459
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1294	-1373	-1380	-1370	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	327	281	-379	-637	-1982	-2213	-2262	-2164	-945	-844	-814	-206	340	459
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	805	894	879	883	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	327	281	-379	-637	-1176	-1319	-1383	-1281	-945	-844	-814	-206	340	459

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GENERATING PUBLIC AGENCIES  
LOADS AND RESOURCES

## MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2008-9 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	5820	5820	6111	7255	7963	8391	8472	8406	7964	7412	7412	6853	6166	5811
2 EXPORTS	60	60	60	29	0	0	0	0	0	0	0	0	60	60
3 CONTRACTS OUT	208	208	208	210	163	169	168	165	163	161	161	159	208	218
4 TOTAL LOADS	6088	6088	6379	7494	8126	8560	8640	8571	8127	7573	7573	7012	6434	6089
RESOURCES														
5 REGULATED HYDRO	4677	4635	4063	4215	4574	4504	4470	4405	4257	4257	4296	4279	4676	4673
6 INDEPENDENT HYDRO	136	139	164	173	178	171	171	178	182	175	174	179	178	147
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-119	-128	-119	-118	-124	-118	-118	-124	-118	-125	-125	-130	-125	-125
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	4694	4646	4108	4270	4628	4557	4523	4459	4321	4307	4345	4328	4729	4695
11 SMALL THERMAL & MISC	18	18	18	18	18	18	18	18	18	18	18	1	18	18
12 COMBUSTION TURBINES	228	228	231	237	239	241	251	249	246	246	246	243	239	235
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	20	20	20	20	20	0	20	20	20	20	20	20	20	0
16 IMPORTS	143	143	143	143	122	164	195	228	254	155	155	143	143	143
17 CONTRACTS IN	48	48	48	48	48	48	48	48	48	48	48	48	48	48
18 LARGE THERMAL	375	375	375	375	375	375	375	375	375	375	375	188	375	375
19 NON-UTILITY GENERATION	227	227	158	84	37	37	38	41	69	184	184	275	288	262
20 TOTAL RESOURCES	5753	5705	5101	5195	5487	5440	5468	5438	5351	5353	5391	5246	5860	5776
21 HYD SM THRM & MISC RESERVES	-265	-263	-232	-237	-253	-248	-248	-245	-240	-245	-247	-250	-271	-267
22 LARGE THERMAL RESERVES	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-56	-28	-56	-56
23 HYDRO MAINTENANCE	-578	-538	-482	-114	-81	-59	-74	-101	-212	-242	-245	-240	-249	-254
24 NET RESOURCES	4854	4848	4331	4788	5096	5077	5089	5036	4843	4811	4843	4727	5284	5199
25 SURPLUS/DEFICIT	-1234	-1241	-2048	-2706	-3030	-3483	-3551	-3535	-3284	-2762	-2730	-2285	-1150	-890
26 BPA PSC DIVERSIFICATION	750	750	827	951	1249	1366	1308	1211	994	1065	1065	1194	1009	729
27 DEDICATED RESOURCES	4802	4752	4168	4282	4572	4532	4534	4510	4408	4407	4446	4337	4903	4833
28 BPA PWR SALE CNTRCT PURCH	1542	1499	1641	2038	2335	2619	2679	2728	2306	2037	2034	1869	1469	1297
29 SURPLUS/DEFICIT W/PURCHASE	310	261	-404	-665	-692	-861	-869	-804	-975	-722	-693	-412	322	410
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	-1341	-1420	-1422	-1416	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	310	261	-404	-665	-2033	-2281	-2291	-2220	-975	-722	-693	-412	322	410
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	798	858	864	856	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	310	261	-404	-665	-1235	-1423	-1427	-1364	-975	-722	-693	-412	322	410