

TABLE U-1

AVISTA CORP (WWP)
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	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
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LOADS																
1 SYSTEM LOADS	786	786	769	800	916	1003	1050	982	883	808	808	775	768	771	859	
2 EXPORTS	17	17	4	0	19	25	34	21	0	0	0	0	0	0	10	
3 CONTRACTS OUT	703	703	736	708	733	743	777	776	783	775	775	680	781	765	747	
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4 TOTAL LOADS	1506	1506	1509	1508	1668	1771	1861	1779	1666	1583	1583	1455	1549	1536	1616	
RESOURCES																
5 REGULATED HYDRO	288	235	254	313	348	393	322	269	340	354	410	676	771	489	402	
6 INDEPENDENT HYDRO	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	
7 CAN. ENT. RETURN (CSPE)	0	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	-3	-3	-3	-3	-3	-4	
9 RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
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10 TOTAL HYDRO	291	238	257	316	351	397	325	272	344	360	416	682	777	495	406	
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 COMBUSTION TURBINES	56	56	56	56	56	56	56	56	56	56	56	28	56	56	54	
13 CSPE PURCHASE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
14 RENEWABLES	45	45	45	45	45	45	45	45	45	45	45	0	45	45	41	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	19	25	34	20	0	0	0	0	0	0	8	
17 CONTRACTS IN	473	473	471	472	472	482	482	479	418	416	416	349	349	337	433	
18 LARGE THERMAL	400	400	400	400	400	400	400	400	400	400	336	220	365	400	379	
19 NON-UTILITY GENERATION	67	67	69	68	70	73	74	74	76	76	76	51	51	69	68	
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20 TOTAL RESOURCES	1337	1284	1303	1362	1418	1483	1421	1351	1344	1358	1350	1335	1648	1407	1395	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1	
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24 NET RESOURCES	1336	1284	1303	1362	1418	1483	1421	1351	1344	1358	1350	1335	1648	1391	1393	
25 SURPLUS/DEFICIT	-170	-222	-206	-146	-250	-288	-440	-428	-322	-225	-233	-120	99	-145	-223	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	533	480	499	558	593	639	567	514	586	602	658	808	1019	737	638	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-170	-222	-206	-146	-250	-288	-440	-428	-322	-225	-233	-120	99	-145	-223	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-170	-222	-206	-146	-250	-288	-440	-428	-322	-225	-233	-120	99	-145	-223	

TABLE U-1

AVISTA CORP (WWP)
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	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	774	774	754	782	895	981	1033	965	867	793	793	762	758	760	844
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	146	146	176	151	151	151	151	151	151	151	151	95	157	108	145
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4 TOTAL LOADS	920	920	930	933	1046	1132	1184	1116	1018	944	944	857	915	868	989
RESOURCES															
5 REGULATED HYDRO	286	233	252	310	345	390	319	266	337	351	407	673	769	487	399
6 INDEPENDENT HYDRO	0	0	0	0	1	1	0	0	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	0
8 CAN. ENT. RETURN (CANADA)	-6	-6	-6	-6	-6	-6	-6	-6	-6	-7	-7	-7	-7	-7	-6
9 RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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10 TOTAL HYDRO	288	235	254	312	348	393	321	268	340	353	409	675	771	489	401
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	56	56	56	56	56	56	56	56	56	56	56	28	56	56	54
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	45	45	45	45	45	45	45	45	45	45	45	0	45	45	41
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	45	45	45	45	146	159	159	157	96	96	96	45	45	45	90
18 LARGE THERMAL	400	400	400	400	400	400	400	400	391	306	242	279	365	400	376
19 NON-UTILITY GENERATION	8	8	9	9	11	14	15	15	17	17	17	16	16	4	13
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20 TOTAL RESOURCES	842	789	809	867	1006	1067	996	941	945	873	865	1043	1298	1039	975
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1
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24 NET RESOURCES	841	789	809	867	1006	1067	996	941	945	873	865	1043	1298	1023	973
25 SURPLUS/DEFICIT	-79	-131	-121	-66	-40	-65	-188	-175	-73	-71	-79	186	383	155	-15
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	532	479	498	556	592	637	565	512	575	503	559	863	1015	733	632
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-79	-131	-121	-66	-40	-65	-188	-175	-73	-71	-79	186	383	155	-15
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-79	-131	-121	-66	-40	-65	-188	-175	-73	-71	-79	186	383	155	-15

TABLE U-1

AVISTA CORP (WWP)
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	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
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LOADS																
1 SYSTEM LOADS	769	769	745	767	875	959	1013	947	851	781	781	754	754	757	831	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	58	58	107	101	101	101	101	101	101	101	101	45	101	45	89	
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4 TOTAL LOADS	827	827	852	868	976	1060	1114	1048	952	882	882	799	855	802	920	
RESOURCES																
5 REGULATED HYDRO	264	207	229	289	321	361	294	242	321	336	397	645	741	465	376	
6 INDEPENDENT HYDRO	0	0	0	0	1	1	0	0	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	0	
8 CAN. ENT. RETURN (CANADA)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	
9 RESTORATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
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10 TOTAL HYDRO	268	211	233	293	326	366	298	246	326	341	402	650	746	470	380	
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 COMBUSTION TURBINES	56	56	56	56	56	56	56	56	56	56	56	28	56	56	54	
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14 RENEWABLES	45	45	45	45	45	45	45	45	45	45	45	0	45	45	41	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	45	45	45	45	146	159	159	157	96	95	95	45	45	45	90	
18 LARGE THERMAL	400	400	400	400	400	400	400	400	400	400	336	220	364	400	379	
19 NON-UTILITY GENERATION	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	
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20 TOTAL RESOURCES	819	762	784	844	978	1031	963	909	928	942	939	948	1260	1020	950	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-1	0	0	0	0	0	0	0	0	0	0	0	0	-16	-1	
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24 NET RESOURCES	818	762	784	844	978	1031	963	909	928	942	939	948	1260	1004	948	
25 SURPLUS/DEFICIT	-9	-65	-68	-24	2	-29	-151	-139	-24	60	57	149	405	202	29	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	512	455	477	537	570	610	542	490	570	585	646	778	990	714	615	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-9	-65	-68	-24	2	-29	-151	-139	-24	60	57	149	405	202	29	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-9	-65	-68	-24	2	-29	-151	-139	-24	60	57	149	405	202	29	

TABLE U-2

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
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LOADS																
1 SYSTEM LOADS	1672	1672	1498	1422	1501	1584	1634	1551	1428	1435	1435	1576	1776	1834	1576	
2 EXPORTS	163	163	161	114	116	133	131	117	110	145	144	163	152	138	137	
3 CONTRACTS OUT	244	244	251	237	266	341	341	341	241	239	239	239	239	241	268	
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4 TOTAL LOADS	2079	2079	1910	1773	1883	2058	2106	2009	1779	1819	1818	1978	2167	2213	1981	
RESOURCES																
5 REGULATED HYDRO	853	552	536	512	250	571	553	317	552	693	694	664	418	540	526	
6 INDEPENDENT HYDRO	268	269	274	237	253	261	240	220	203	214	214	253	251	266	245	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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10 TOTAL HYDRO	1121	821	810	749	503	832	793	537	755	907	908	917	669	806	771	
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
12 COMBUSTION TURBINES	0	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	0	
14 RENEWABLES	0	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	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	204	204	91	45	45	45	45	45	45	75	75	75	75	250	87	
18 LARGE THERMAL	884	884	883	884	883	884	884	883	806	724	689	641	840	884	839	
19 NON-UTILITY GENERATION	136	136	117	86	72	53	53	58	70	101	101	129	146	144	97	
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20 TOTAL RESOURCES	2362	2062	1918	1781	1520	1831	1792	1540	1693	1824	1790	1779	1747	2101	1810	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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24 NET RESOURCES	2362	2062	1918	1781	1520	1831	1792	1540	1693	1824	1790	1779	1747	2101	1810	
25 SURPLUS/DEFICIT	283	-17	8	8	-363	-227	-314	-469	-86	5	-28	-199	-420	-112	-171	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	1818	1518	1481	1409	1143	1439	1402	1165	1366	1421	1401	1440	1358	1513	1400	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	283	-17	8	8	-363	-227	-314	-469	-86	5	-28	-199	-420	-112	-171	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	283	-17	8	8	-363	-227	-314	-469	-86	5	-28	-199	-420	-112	-171	

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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

ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1709	1709	1538	1468	1555	1634	1690	1604	1476	1477	1477	1610	1809	1869	1620
2 EXPORTS	135	135	135	85	96	105	45	45	45	75	75	75	75	75	83
3 CONTRACTS OUT	0	0	0	0	0	50	0	0	0	0	0	0	0	0	4
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4 TOTAL LOADS	1844	1844	1673	1553	1651	1789	1735	1649	1521	1552	1552	1685	1884	1944	1707
RESOURCES															
5 REGULATED HYDRO	853	552	536	512	250	571	553	317	552	693	694	664	418	540	526
6 INDEPENDENT HYDRO	268	269	274	237	253	261	240	220	203	214	214	253	251	266	245
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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10 TOTAL HYDRO	1121	821	810	749	503	832	793	537	755	907	908	917	669	806	771
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	204	204	91	45	45	45	45	45	45	75	75	75	75	75	72
18 LARGE THERMAL	892	893	892	892	892	892	893	892	597	713	787	681	806	893	831
19 NON-UTILITY GENERATION	137	137	117	86	72	53	53	58	70	101	101	129	146	144	97
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20 TOTAL RESOURCES	2371	2072	1927	1789	1529	1839	1801	1549	1484	1813	1888	1819	1713	1935	1788
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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24 NET RESOURCES	2371	2072	1927	1789	1529	1839	1801	1549	1484	1813	1888	1819	1713	1935	1788
25 SURPLUS/DEFICIT	527	228	254	236	-122	50	66	-100	-37	261	336	134	-171	-9	81
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1835	1536	1504	1432	1161	1462	1484	1232	1206	1562	1646	1566	1388	1588	1443
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	527	228	254	236	-122	50	66	-100	-37	261	336	134	-171	-9	81
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	527	228	254	236	-122	50	66	-100	-37	261	336	134	-171	-9	81

TABLE U-2

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1777	1777	1608	1544	1639	1726	1790	1753	1561	1553	1553	1682	1881	1945	1705
2 EXPORTS	75	75	75	45	45	45	45	45	45	75	75	75	75	75	60
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	1852	1852	1683	1589	1684	1771	1835	1798	1606	1628	1628	1757	1956	2020	1765
RESOURCES															
5 REGULATED HYDRO	853	552	536	512	250	571	553	317	552	693	694	664	418	540	526
6 INDEPENDENT HYDRO	268	269	274	237	253	261	240	220	203	214	214	253	251	266	245
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	1121	821	810	749	503	832	793	537	755	907	908	917	669	806	771
11 SMALL THERMAL & MISC	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	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	60
18 LARGE THERMAL	893	893	892	893	892	893	893	892	763	765	499	732	870	893	845
19 NON-UTILITY GENERATION	136	137	117	86	72	53	53	58	70	101	101	129	146	144	97
20 TOTAL RESOURCES	2242	1943	1911	1790	1529	1840	1801	1549	1650	1865	1600	1870	1777	1935	1790
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	2242	1943	1911	1790	1529	1840	1801	1549	1650	1865	1600	1870	1777	1935	1790
25 SURPLUS/DEFICIT	390	91	228	201	-155	69	-34	-249	44	237	-28	113	-179	-85	25
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1895	1596	1564	1473	1212	1523	1484	1232	1375	1613	1358	1617	1452	1588	1479
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	390	91	228	201	-155	69	-34	-249	44	237	-28	113	-179	-85	25
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	390	91	228	201	-155	69	-34	-249	44	237	-28	113	-179	-85	25

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	317	317	297	312	330	356	362	338	310	292	292	289	300	320	319
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	238	238	163	163	163	163	163	163	163	163	128	77	77	238	160
4 TOTAL LOADS	555	555	460	475	493	519	525	501	473	455	420	366	377	558	478
RESOURCES															
5 REGULATED HYDRO	52	41	35	61	70	63	64	44	53	43	44	68	85	103	61
6 INDEPENDENT HYDRO	74	77	62	60	60	58	59	58	61	73	58	51	52	65	61
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10 TOTAL HYDRO	132	124	103	127	136	127	129	108	120	122	108	125	143	174	128
11 SMALL THERMAL & MISC	74	76	61	61	61	58	59	59	60	72	58	51	0	66	56
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	248	248	248	248	248	298	298	298	248	248	248	248	248	248	260
18 LARGE THERMAL	467	472	421	420	421	410	414	412	418	388	261	225	364	438	395
19 NON-UTILITY GENERATION	47	48	39	31	39	36	37	37	39	38	30	34	34	43	38
20 TOTAL RESOURCES	968	968	872	887	905	929	937	914	885	868	705	683	789	969	877
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0
24 NET RESOURCES	966	967	872	887	905	929	937	914	885	868	705	683	788	968	877
25 SURPLUS/DEFICIT	411	411	413	412	412	411	413	413	412	413	285	317	411	411	399
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	329	327	322	335	353	381	388	365	334	306	284	236	297	336	331
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	411	411	413	412	412	411	413	413	412	413	285	317	411	411	399
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	411	411	413	412	412	411	413	413	412	413	285	317	411	411	399

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	310	310	289	305	323	349	356	332	304	287	287	284	296	316	313
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	161	161	86	86	86	86	86	86	86	86	51	0	0	86	76
4 TOTAL LOADS	471	471	375	391	409	435	442	418	390	373	338	284	296	402	389
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	48	38	32	55	64	58	66	45	49	40	40	60	76	80	56
6 INDEPENDENT HYDRO	69	71	56	56	56	53	61	61	56	66	52	46	47	52	56
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
10 TOTAL HYDRO	123	115	94	117	126	117	133	112	111	112	98	112	129	138	118
11 SMALL THERMAL & MISC	69	70	55	55	56	53	61	61	55	66	53	45	0	52	52
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	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	4
18 LARGE THERMAL	448	454	402	402	403	393	422	419	401	373	245	213	348	390	380
19 NON-UTILITY GENERATION	43	44	36	29	36	33	38	38	36	35	28	30	31	34	35
20 TOTAL RESOURCES	683	683	587	603	621	646	654	630	603	586	424	400	508	614	588
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0
24 NET RESOURCES	682	682	587	603	621	646	654	630	603	586	424	400	508	614	588
25 SURPLUS/DEFICIT	211	211	212	212	212	212	212	213	212	213	86	116	212	212	199
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	326	326	320	335	352	380	379	357	335	307	284	237	294	348	330
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	211	211	212	212	212	212	212	213	212	213	86	116	212	212	199
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	211	211	212	212	212	212	212	213	212	213	86	116	212	212	199

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	314	314	293	309	327	353	362	337	309	291	291	289	301	322	317	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	86	86	87	87	86	86	86	86	86	86	51	0	0	86	70	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	400	400	380	396	413	439	448	423	395	377	342	289	301	408	388	
RESOURCES																
5 REGULATED HYDRO	41	33	33	56	64	66	67	46	50	40	41	62	77	82	57	
6 INDEPENDENT HYDRO	58	59	56	56	57	61	62	61	56	67	53	46	48	52	56	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	105	98	95	118	127	133	135	113	112	113	100	114	131	140	119	
11 SMALL THERMAL & MISC	58	60	56	56	57	60	62	61	56	67	53	46	0	53	52	
12 COMBUSTION TURBINES	0	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	0	
14 RENEWABLES	0	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	0	
16 IMPORTS	0	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	0	
18 LARGE THERMAL	412	417	404	404	405	419	424	422	403	374	247	215	351	393	381	
19 NON-UTILITY GENERATION	37	37	36	29	36	38	39	38	36	35	28	31	31	34	35	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	612	612	591	607	625	650	660	634	607	589	428	406	513	620	586	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-1	-1	0	0	0	0	0	0	0	0	0	0	0	-1	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	611	611	591	607	625	650	660	634	607	589	428	406	512	619	586	
25 SURPLUS/DEFICIT	211	210	212	212	212	212	213	211	212	212	86	116	211	211	198	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	342	340	323	338	355	377	384	360	338	310	289	241	299	352	334	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	211	210	212	212	212	212	213	211	212	212	86	116	211	211	198	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	211	210	212	212	212	212	213	211	212	212	86	116	211	211	198	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2235	2235	2223	2239	2448	2747	2718	2769	2402	2190	2190	2204	2130	2271	2381
2 EXPORTS	454	454	386	363	369	367	322	301	292	276	276	309	370	427	353
3 CONTRACTS OUT	528	528	528	528	552	565	565	563	552	527	527	491	491	475	530
4 TOTAL LOADS	3217	3217	3137	3130	3369	3679	3605	3633	3246	2993	2993	3004	2991	3173	3265
RESOURCES															
5 REGULATED HYDRO	299	256	263	229	373	356	581	373	349	470	399	267	448	310	355
6 INDEPENDENT HYDRO	169	189	201	193	190	197	190	201	224	279	247	268	258	187	213
7 CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
10 TOTAL HYDRO	487	464	483	441	582	572	790	593	592	768	665	554	725	516	587
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	443	443	443	443	443	443	443	443	443	443	443	0	443	443	406
16 IMPORTS	957	957	825	863	942	962	961	943	775	673	673	588	888	951	861
17 CONTRACTS IN	445	445	445	484	536	591	567	520	493	467	467	380	424	414	480
18 LARGE THERMAL	736	737	736	736	736	737	736	736	737	736	693	397	713	736	704
19 NON-UTILITY GENERATION	57	57	56	57	64	67	53	74	63	69	69	78	64	62	64
20 TOTAL RESOURCES	3135	3113	2998	3034	3313	3382	3560	3319	3113	3166	3020	2007	3267	3132	3112
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3
24 NET RESOURCES	3129	3110	2998	3034	3313	3382	3560	3319	3113	3166	3020	2006	3260	3114	3109
25 SURPLUS/DEFICIT	-88	-107	-139	-96	-56	-297	-45	-314	-133	173	27	-998	269	-59	-155
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	2220	2198	2082	1957	2179	2192	2390	2196	2023	2221	2074	1592	2368	2244	2132
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-88	-107	-139	-96	-56	-297	-45	-314	-133	173	27	-998	269	-59	-155
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-88	-107	-139	-96	-56	-297	-45	-314	-133	173	27	-998	269	-59	-155

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	2349	2349	2336	2353	2572	2885	2866	2919	2533	2310	2310	2325	2247	2396	2508	
2 EXPORTS	411	411	342	320	325	325	320	298	289	273	273	305	367	425	333	
3 CONTRACTS OUT	391	391	391	391	275	288	288	286	275	275	275	275	275	275	307	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	3151	3151	3069	3064	3172	3498	3474	3503	3097	2858	2858	2905	2889	3096	3148	
RESOURCES																
5 REGULATED HYDRO	299	256	263	229	373	356	581	373	349	470	399	267	448	310	355	
6 INDEPENDENT HYDRO	162	182	194	186	183	190	183	194	217	272	240	261	251	180	206	
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 CAN. ENT. RETURN (CANADA)	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	-14	
9 RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
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10 TOTAL HYDRO	477	454	473	431	572	562	780	583	582	758	655	544	715	506	577	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	443	443	443	443	443	443	443	443	443	443	443	0	443	443	406	
16 IMPORTS	809	809	512	703	859	866	741	781	773	657	657	786	802	855	762	
17 CONTRACTS IN	355	355	355	394	446	501	477	430	403	378	378	291	316	339	390	
18 LARGE THERMAL	736	736	736	736	737	736	736	736	707	438	395	589	713	736	693	
19 NON-UTILITY GENERATION	57	57	56	57	64	67	53	74	63	69	69	78	64	62	64	
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20 TOTAL RESOURCES	2877	2854	2575	2764	3121	3175	3230	3047	2971	2743	2597	2288	3053	2941	2892	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3	
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24 NET RESOURCES	2870	2851	2574	2764	3121	3175	3230	3047	2971	2743	2597	2287	3046	2923	2889	
25 SURPLUS/DEFICIT	-281	-300	-495	-300	-51	-323	-244	-456	-126	-115	-261	-618	157	-173	-259	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	2076	2052	1773	1801	2101	2098	2294	2158	2115	1910	1764	1985	2286	2152	2055	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-281	-300	-495	-300	-51	-323	-244	-456	-126	-115	-261	-618	157	-173	-259	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-281	-300	-495	-300	-51	-323	-244	-456	-126	-115	-261	-618	157	-173	-259	

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
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LOADS																
1 SYSTEM LOADS	2531	2531	2517	2536	2770	3105	3079	3027	2723	2484	2484	2500	2417	2576	2689	
2 EXPORTS	163	163	114	96	89	86	84	74	60	98	68	99	158	184	107	
3 CONTRACTS OUT	275	275	275	275	275	288	288	286	275	275	275	275	275	275	278	
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4 TOTAL LOADS	2969	2969	2906	2907	3134	3479	3451	3387	3058	2857	2827	2874	2850	3035	3074	
RESOURCES																
5 REGULATED HYDRO	245	193	206	173	310	283	517	311	306	429	369	197	380	255	296	
6 INDEPENDENT HYDRO	162	182	194	186	183	190	183	194	217	272	240	261	251	180	206	
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 CAN. ENT. RETURN (CANADA)	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
9 RESTORATION	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	
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10 TOTAL HYDRO	427	395	420	379	513	493	720	525	543	721	629	478	651	455	522	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	443	443	443	443	443	443	443	443	443	443	443	0	443	443	406	
16 IMPORTS	753	753	619	543	626	627	623	604	433	555	555	434	692	739	604	
17 CONTRACTS IN	317	317	336	394	446	501	477	430	403	378	378	291	310	326	384	
18 LARGE THERMAL	736	736	736	736	736	736	736	736	736	736	693	397	713	736	704	
19 NON-UTILITY GENERATION	57	57	56	57	64	67	53	74	63	69	69	78	64	62	64	
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20 TOTAL RESOURCES	2733	2701	2610	2552	2828	2867	3052	2812	2621	2902	2767	1678	2873	2761	2684	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-7	-3	-1	0	0	0	0	0	0	0	0	-1	-7	-18	-3	
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24 NET RESOURCES	2726	2698	2609	2552	2828	2867	3052	2812	2621	2902	2767	1677	2866	2743	2681	
25 SURPLUS/DEFICIT	-243	-271	-297	-355	-306	-612	-399	-575	-437	45	-60	-1197	16	-292	-393	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	1970	1937	1827	1709	1928	1910	2116	1923	1765	2069	1934	1375	2112	1985	1884	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-243	-271	-297	-355	-306	-612	-399	-575	-437	45	-60	-1197	16	-292	-393	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-243	-271	-297	-355	-306	-612	-399	-575	-437	45	-60	-1197	16	-292	-393	

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1861	1861	1876	1977	2189	2337	2374	2193	2128	1991	1991	1870	1832	1820	2037
2 EXPORTS	29	29	29	20	20	20	20	20	20	20	20	20	29	29	23
3 CONTRACTS OUT	179	179	174	177	194	219	223	219	184	149	149	146	151	150	180
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4 TOTAL LOADS	2069	2069	2079	2174	2403	2576	2617	2432	2332	2160	2160	2036	2012	1999	2241
RESOURCES															
5 REGULATED HYDRO	595	454	342	388	444	547	438	510	392	446	434	681	569	481	480
6 INDEPENDENT HYDRO	19	19	18	16	15	29	21	28	29	29	29	29	29	26	24
7 CAN. ENT. RETURN (CSPE)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
8 CAN. ENT. RETURN (CANADA)	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12	-12
9 RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
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10 TOTAL HYDRO	594	453	340	384	439	556	439	518	401	455	443	690	578	487	484
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	483	483	483	483	482	482	482	482	274	52	339	483	483	483	441
13 CSPE PURCHASE	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	223	223	223	223	223	223	223	223	173	223	223	223	223	223	219
16 IMPORTS	0	0	0	0	9	9	9	9	0	0	0	0	0	0	3
17 CONTRACTS IN	205	205	199	200	203	226	567	566	543	460	460	459	465	266	363
18 LARGE THERMAL	600	600	601	601	601	601	601	601	600	600	515	176	410	601	546
19 NON-UTILITY GENERATION	12	12	12	16	24	27	25	25	24	24	25	23	17	13	20
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20 TOTAL RESOURCES	2135	1994	1876	1925	1999	2142	2364	2442	2033	1831	2022	2071	2193	2090	2094
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2
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24 NET RESOURCES	2126	1983	1871	1921	1999	2142	2364	2442	2033	1831	2022	2069	2193	2088	2092
25 SURPLUS/DEFICIT	57	-86	-208	-253	-404	-434	-253	10	-299	-329	-138	33	181	89	-149
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	916	775	662	704	756	871	752	834	635	705	738	995	899	810	790
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	57	-86	-208	-253	-404	-434	-253	10	-299	-329	-138	33	181	89	-149
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	57	-86	-208	-253	-404	-434	-253	10	-299	-329	-138	33	181	89	-149

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	1891	1891	1905	2005	2215	2368	2419	2236	2172	2033	2033	1911	1873	1863	2074
2 EXPORTS	29	29	29	20	20	20	20	20	20	20	20	20	29	29	23
3 CONTRACTS OUT	56	56	49	48	59	59	59	59	48	48	48	48	56	56	54
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4 TOTAL LOADS	1976	1976	1983	2073	2294	2447	2498	2315	2240	2101	2101	1979	1958	1948	2151
RESOURCES															
5 REGULATED HYDRO	595	454	341	388	444	547	438	510	393	446	434	681	569	481	480
6 INDEPENDENT HYDRO	19	19	18	16	15	29	21	28	29	29	29	29	29	26	24
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-19	-19	-19	-19	-19	-19	-19	-19	-19	-21	-21	-21	-21	-21	-20
9 RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
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10 TOTAL HYDRO	591	450	336	381	436	553	436	515	399	450	438	685	573	482	480
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 COMBUSTION TURBINES	483	483	483	483	482	482	482	482	274	52	339	483	483	483	441
13 CSPE PURCHASE	0	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	0
15 COGENERATION	223	223	223	223	223	223	223	223	173	223	223	223	223	223	219
16 IMPORTS	0	0	0	0	9	9	9	9	0	0	0	0	0	0	3
17 CONTRACTS IN	52	52	46	45	45	45	45	45	45	45	45	45	52	53	47
18 LARGE THERMAL	601	600	601	601	601	601	601	601	599	585	500	186	409	600	545
19 NON-UTILITY GENERATION	12	12	12	15	24	27	25	25	24	24	24	23	17	13	20
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20 TOTAL RESOURCES	1962	1820	1701	1748	1820	1940	1821	1900	1514	1379	1569	1645	1757	1854	1755
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2
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24 NET RESOURCES	1953	1809	1696	1744	1820	1940	1821	1900	1514	1379	1569	1643	1757	1852	1753
25 SURPLUS/DEFICIT	-23	-167	-287	-329	-474	-507	-677	-415	-726	-722	-532	-336	-201	-96	-398
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	912	770	657	702	757	874	757	836	636	688	721	1001	893	802	788
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-23	-167	-287	-329	-474	-507	-677	-415	-726	-722	-532	-336	-201	-96	-398
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-23	-167	-287	-329	-474	-507	-677	-415	-726	-722	-532	-336	-201	-96	-398

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
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LOADS																
1 SYSTEM LOADS	1996	1996	2010	2111	2328	2485	2545	2356	2294	2145	2145	2019	1980	1971	2187	
2 EXPORTS	29	29	29	20	20	20	20	20	20	20	20	20	29	29	23	
3 CONTRACTS OUT	56	56	49	48	58	59	59	59	48	48	48	48	55	56	54	
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4 TOTAL LOADS	2081	2081	2088	2179	2406	2564	2624	2435	2362	2213	2213	2087	2064	2056	2263	
RESOURCES																
5 REGULATED HYDRO	541	391	284	332	381	474	374	448	350	405	404	611	501	426	421	
6 INDEPENDENT HYDRO	19	19	18	16	15	29	21	28	29	29	29	29	29	26	24	
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 CAN. ENT. RETURN (CANADA)	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15	
9 RESTORATION	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	
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10 TOTAL HYDRO	541	391	283	329	377	484	376	457	360	415	414	621	511	433	426	
11 SMALL THERMAL & MISC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12 COMBUSTION TURBINES	483	483	483	483	482	482	482	482	274	52	339	483	483	483	441	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	223	223	223	223	223	223	223	223	173	223	223	223	223	223	219	
16 IMPORTS	0	0	0	0	9	9	9	9	0	0	0	0	0	0	3	
17 CONTRACTS IN	52	52	46	45	45	45	45	45	45	45	45	45	52	53	47	
18 LARGE THERMAL	601	600	601	600	601	601	601	601	601	601	516	176	410	600	546	
19 NON-UTILITY GENERATION	12	12	12	15	24	27	25	25	24	25	25	23	17	13	20	
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20 TOTAL RESOURCES	1912	1761	1648	1695	1761	1871	1761	1842	1477	1361	1562	1571	1696	1805	1702	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-9	-11	-5	-4	0	0	0	0	0	0	0	-2	0	-2	-2	
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24 NET RESOURCES	1903	1750	1643	1691	1761	1871	1761	1842	1477	1361	1562	1569	1696	1803	1700	
25 SURPLUS/DEFICIT	-178	-331	-445	-488	-645	-693	-863	-593	-885	-852	-651	-518	-368	-253	-563	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	862	711	604	649	698	805	697	778	599	669	713	927	832	753	735	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-178	-331	-445	-488	-645	-693	-863	-593	-885	-852	-651	-518	-368	-253	-563	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-178	-331	-445	-488	-645	-693	-863	-593	-885	-852	-651	-518	-368	-253	-563	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	2113	2113	2156	2418	2820	3137	3298	3097	2936	2573	2573	2315	2217	2084	2597
2 EXPORTS	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
3 CONTRACTS OUT	64	64	119	119	119	119	119	119	119	118	118	62	118	61	105
4 TOTAL LOADS	2318	2318	2416	2537	2939	3256	3417	3216	3055	2691	2691	2377	2476	2286	2749
RESOURCES															
5 REGULATED HYDRO	865	795	572	561	712	866	672	656	487	490	588	963	906	801	714
6 INDEPENDENT HYDRO	37	34	34	30	19	56	28	39	59	62	68	68	68	55	46
7 CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-7
8 CAN. ENT. RETURN (CANADA)	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23	-23
9 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
10 TOTAL HYDRO	862	789	566	551	691	882	660	655	506	512	616	991	934	817	720
11 SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
12 COMBUSTION TURBINES	6	6	6	6	38	37	37	40	6	6	6	6	6	6	17
13 CSPE PURCHASE	18	18	18	18	18	18	18	18	18	17	17	17	17	17	18
14 RENEWABLES	0	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	0
16 IMPORTS	2	2	2	2	144	143	145	144	3	2	2	2	2	2	49
17 CONTRACTS IN	347	347	347	498	627	629	629	628	574	400	365	226	225	345	455
18 LARGE THERMAL	729	729	729	729	729	729	729	729	729	585	564	432	670	729	686
19 NON-UTILITY GENERATION	643	643	655	655	655	655	655	655	655	643	643	260	564	643	611
20 TOTAL RESOURCES	2607	2534	2323	2459	2908	3099	2879	2875	2491	2165	2213	1934	2418	2559	2559
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3
24 NET RESOURCES	2594	2527	2322	2459	2908	3099	2879	2875	2488	2161	2209	1928	2414	2547	2555
25 SURPLUS/DEFICIT	276	209	-94	-78	-31	-157	-538	-341	-567	-530	-482	-449	-62	261	-193
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1950	1877	1666	1651	1799	1990	1768	1763	1606	1456	1631	1534	1936	1905	1756
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	276	209	-94	-78	-31	-157	-538	-341	-567	-530	-482	-449	-62	261	-193
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	276	209	-94	-78	-31	-157	-538	-341	-567	-530	-482	-449	-62	261	-193

TABLE U-6

PUGET SOUND ENERGY
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	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
LOADS															
1 SYSTEM LOADS	2192	2192	2236	2509	2925	3254	3416	3209	3042	2665	2665	2399	2297	2159	2692
2 EXPORTS	141	141	141	0	0	0	0	0	0	0	0	0	141	141	47
3 CONTRACTS OUT	0	0	56	56	56	56	56	56	56	56	56	0	56	0	42
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	2333	2333	2433	2565	2981	3310	3472	3265	3098	2721	2721	2399	2494	2300	2781
RESOURCES															
5 REGULATED HYDRO	825	746	523	514	657	802	616	603	450	461	573	900	847	771	665
6 INDEPENDENT HYDRO	37	34	34	30	19	56	28	39	59	62	68	68	68	55	46
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-37	-37	-37	-37	-37	-37	-37	-37	-37	-40	-40	-40	-40	-40	-38
9 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10 TOTAL HYDRO	815	733	510	497	629	811	597	595	462	473	591	918	865	776	664
11 SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2
12 COMBUSTION TURBINES	6	6	6	6	38	37	37	40	6	6	6	6	6	6	17
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	141	141	141	141	0	0	0	0	0	0	47
17 CONTRACTS IN	212	212	213	214	202	206	205	204	152	150	115	12	11	96	155
18 LARGE THERMAL	729	729	729	729	729	729	729	729	725	541	520	460	670	729	685
19 NON-UTILITY GENERATION	643	643	655	655	655	655	655	655	655	643	643	260	564	643	611
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
20 TOTAL RESOURCES	2405	2323	2113	2101	2400	2585	2370	2370	2000	1813	1875	1656	2116	2250	2181
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24 NET RESOURCES	2392	2316	2112	2101	2400	2585	2370	2370	1997	1809	1871	1650	2112	2238	2177
25 SURPLUS/DEFICIT	59	-17	-321	-464	-581	-725	-1102	-895	-1101	-912	-850	-749	-382	-62	-604
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	1885	1803	1592	1579	1719	1901	1687	1685	1540	1355	1544	1471	1849	1846	1680
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	59	-17	-321	-464	-581	-725	-1102	-895	-1101	-912	-850	-749	-382	-62	-604
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	59	-17	-321	-464	-581	-725	-1102	-895	-1101	-912	-850	-749	-382	-62	-604

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																
ENERGY IN AVERAGE MEGAWATTS	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	2310	2310	2355	2643	3083	3429	3637	3416	3238	2838	2838	2554	2446	2298	2854	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	56	56	56	56	56	56	56	56	56	0	56	0	42	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	2310	2310	2411	2699	3139	3485	3693	3472	3294	2894	2894	2554	2502	2298	2896	
RESOURCES																
5 REGULATED HYDRO	785	697	478	470	608	744	565	555	418	430	553	844	794	739	621	
6 INDEPENDENT HYDRO	37	34	34	30	19	56	28	39	59	62	68	68	68	55	46	
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8 CAN. ENT. RETURN (CANADA)	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	-35	
9 RESTORATION	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	777	686	467	455	582	755	548	549	432	447	576	867	817	749	622	
11 SMALL THERMAL & MISC	0	0	0	0	6	6	6	6	0	0	0	0	0	0	2	
12 COMBUSTION TURBINES	6	6	6	6	38	37	37	40	6	6	6	6	6	6	17	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	96	96	98	99	202	206	205	204	152	150	115	12	11	96	126	
18 LARGE THERMAL	729	729	729	729	729	729	729	729	729	585	564	432	670	729	686	
19 NON-UTILITY GENERATION	643	643	655	655	655	655	655	655	655	643	643	260	564	643	611	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	2251	2160	1955	1944	2212	2388	2180	2183	1974	1831	1904	1577	2068	2223	2065	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	-13	-7	-1	0	0	0	0	0	-3	-4	-4	-5	-4	-12	-3	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	2238	2153	1954	1944	2212	2388	2180	2183	1971	1827	1900	1571	2064	2211	2061	
25 SURPLUS/DEFICIT	-72	-157	-457	-755	-927	-1097	-1513	-1289	-1323	-1067	-994	-983	-438	-87	-835	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	1847	1756	1549	1537	1672	1845	1638	1639	1514	1373	1573	1392	1801	1819	1640	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29 SURPLUS/DEFICIT W/PURCHASE	-72	-157	-457	-755	-927	-1097	-1513	-1289	-1323	-1067	-994	-983	-438	-87	-835	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-72	-157	-457	-755	-927	-1097	-1513	-1289	-1323	-1067	-994	-983	-438	-87	-835	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	177	177	176	186	202	218	225	208	197	181	181	174	172	179	191
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	9	9	3	2	2	2	2	2	2	2	2	2	9	12	4
4 TOTAL LOADS	186	186	179	188	204	220	227	210	199	183	183	176	181	191	195
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	246	222	171	203	217	241	224	219	173	128	148	257	199	248	210
6 INDEPENDENT HYDRO	0	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	-2	-1
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10 TOTAL HYDRO	235	211	160	192	206	230	213	208	162	117	137	246	188	236	199
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	1	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	0
15 IMPORTS	0	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	0
17 CONTRACTS IN	9	9	3	2	13	13	13	13	2	2	2	2	9	11	8
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	245	221	164	195	220	244	227	222	165	120	140	249	198	248	208
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	245	221	164	195	220	244	227	222	165	120	140	249	198	248	208
25 SURPLUS/DEFICIT	59	35	-15	7	16	24	0	12	-34	-63	-43	73	17	57	13
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	228	205	154	185	200	224	207	202	157	112	132	239	181	228	193
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	59	35	-15	7	16	24	0	12	-34	-63	-43	73	17	57	13
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	59	35	-15	7	16	24	0	12	-34	-63	-43	73	17	57	13
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	59	35	-15	7	16	24	0	12	-34	-63	-43	73	17	57	13

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	185	185	184	195	211	227	235	217	206	189	189	181	180	187	200
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	7	7	1	0	0	0	0	0	0	0	0	0	7	8	2
4 TOTAL LOADS	192	192	185	195	211	227	235	217	206	189	189	181	187	195	202
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	288	273	222	253	275	308	283	275	213	160	166	323	260	280	261
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
9 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10 TOTAL HYDRO	270	255	204	235	257	290	265	257	195	142	148	305	242	262	243
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 IMPORTS	0	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	0
17 CONTRACTS IN	8	8	1	0	11	11	11	11	0	0	0	0	8	8	6
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	278	263	205	235	268	301	276	268	195	142	148	305	250	270	249
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	278	263	205	235	268	301	276	268	195	142	148	305	250	270	249
25 SURPLUS/DEFICIT	86	71	20	40	57	74	41	51	-11	-47	-41	124	63	75	47
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	261	248	197	228	249	283	258	250	189	136	141	298	233	254	236
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	86	71	20	40	57	74	41	51	-11	-47	-41	124	63	75	47
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	86	71	20	40	57	74	41	51	-11	-47	-41	124	63	75	47
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	86	71	20	40	57	74	41	51	-11	-47	-41	124	63	75	47

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	192	192	192	202	217	233	241	223	212	195	195	188	187	194	206
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	7	7	1	0	0	0	0	0	0	0	0	0	7	8	2
4 TOTAL LOADS	199	199	193	202	217	233	241	223	212	195	195	188	194	202	208
RESOURCES															
5 REGULATED HYDRO	295	283	232	262	285	321	294	285	218	164	166	336	272	278	270
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16	-16
9 RESTORATION	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
10 TOTAL HYDRO	277	265	214	244	267	303	276	267	200	146	148	318	254	260	252
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 IMPORTS	0	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	0
17 CONTRACTS IN	8	8	1	0	10	11	11	11	0	0	0	0	7	8	6
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	285	273	215	244	277	314	287	278	200	146	148	318	261	268	257
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	285	273	215	244	277	314	287	278	200	146	148	318	261	268	257
25 SURPLUS/DEFICIT	86	74	22	42	60	81	46	55	-12	-49	-47	130	67	66	49
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	268	258	207	237	259	295	269	260	195	140	142	310	246	252	244
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	86	74	22	42	60	81	46	55	-12	-49	-47	130	67	66	49
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	86	74	22	42	60	81	46	55	-12	-49	-47	130	67	66	49
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	86	74	22	42	60	81	46	55	-12	-49	-47	130	67	66	49

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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	337	337	342	408	479	571	562	517	493	424	424	387	342	341	434	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	337	337	342	408	479	571	562	517	493	424	424	387	342	341	434	
RESOURCES																
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	0	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	0	
11 SMALL THERMAL & MISC	0	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	242	
13 CSPE PURCHASE	3	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	0	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	50	50	53	50	75	85	119	118	125	117	117	78	98	112	90	
18 LARGE THERMAL	0	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	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	284	284	291	293	320	333	374	371	375	367	367	325	341	351	335	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	284	284	291	293	320	333	374	371	375	367	367	325	341	351	335	
25 SURPLUS/DEFICIT	-53	-53	-52	-115	-159	-238	-188	-146	-118	-57	-57	-62	-1	10	-98	
26 BPA PSC DIVERSIFICATION	179	179	188	218	344	413	369	324	245	251	251	196	185	173	257	
27 DEDICATED RESOURCES	234	234	238	243	245	248	255	253	250	250	250	247	243	239	245	
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0	10	
29 SURPLUS/DEFICIT W/PURCHASE	-53	-53	-52	-115	-159	-198	-148	-106	-118	-57	-57	-62	-1	10	-88	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-53	-53	-52	-115	-159	-198	-148	-106	-118	-57	-57	-62	-1	10	-88	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-53	-53	-52	-115	-159	-198	-148	-106	-118	-57	-57	-62	-1	10	-88	

TABLE U-9

CLARK PUBLIC UTILITY
LOADS AND RESOURCES

MEDIUM LOADS

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

1937 WATER YEAR

ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	358	358	364	434	506	600	592	546	523	451	451	414	365	362	460
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	358	358	364	434	506	600	592	546	523	451	451	414	365	362	460
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	241
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	0	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	241
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24 NET RESOURCES	235	235	239	245	247	249	247	245	242	242	242	239	235	231	241
25 SURPLUS/DEFICIT	-123	-123	-125	-189	-259	-351	-345	-302	-281	-209	-209	-175	-130	-131	-218
26 BPA PSC DIVERSIFICATION	191	191	201	229	360	431	386	339	258	263	263	206	195	182	270
27 DEDICATED RESOURCES	235	235	239	245	247	249	247	245	242	242	242	239	235	231	241
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0	10
29 SURPLUS/DEFICIT W/PURCHASE	-123	-123	-125	-189	-259	-311	-305	-262	-281	-209	-209	-175	-130	-131	-208
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-123	-123	-125	-189	-259	-311	-305	-262	-281	-209	-209	-175	-130	-131	-208
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-123	-123	-125	-189	-259	-311	-305	-262	-281	-209	-209	-175	-130	-131	-208

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	383	383	390	464	536	632	620	573	552	477	477	440	388	385	487
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	383	383	390	464	536	632	620	573	552	477	477	440	388	385	487
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	240
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	0	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	240
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24 NET RESOURCES	228	228	231	237	239	241	251	249	246	246	246	243	239	235	240
25 SURPLUS/DEFICIT	-156	-156	-159	-227	-297	-391	-369	-324	-306	-231	-231	-198	-149	-150	-246
26 BPA PSC DIVERSIFICATION	191	191	201	229	360	431	386	339	258	263	263	206	195	182	270
27 DEDICATED RESOURCES	228	228	231	237	239	241	251	249	246	246	246	243	239	235	240
28 BPA PWR SALE CNTRCT PURCH	0	0	0	0	0	40	40	40	0	0	0	0	0	0	10
29 SURPLUS/DEFICIT W/PURCHASE	-156	-156	-159	-227	-297	-351	-329	-284	-306	-231	-231	-198	-149	-150	-236
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-156	-156	-159	-227	-297	-351	-329	-284	-306	-231	-231	-198	-149	-150	-236
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-156	-156	-159	-227	-297	-351	-329	-284	-306	-231	-231	-198	-149	-150	-236

TABLE U-10

COWLITZ 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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
LOADS															
1 SYSTEM LOADS	509	509	507	531	561	558	579	566	561	546	546	526	506	512	538
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	509	509	507	531	561	558	579	566	561	546	546	526	506	512	538
RESOURCES															
5 REGULATED HYDRO	35	29	35	23	48	36	73	29	38	60	49	23	53	38	40
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
9 RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10 TOTAL HYDRO	37	31	37	25	50	38	75	31	40	62	51	25	55	40	42
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	3	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	186	186	186	156	156	156	156	156	156	157	157	157	157	157	161
18 LARGE THERMAL	0	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	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
20 TOTAL RESOURCES	226	220	226	184	209	197	234	190	199	222	211	185	215	200	207
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24 NET RESOURCES	226	220	226	184	209	197	234	190	199	222	211	185	215	200	207
25 SURPLUS/DEFICIT	-283	-289	-281	-347	-352	-361	-345	-376	-362	-324	-335	-341	-291	-312	-332
26 BPA PSC DIVERSIFICATION	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
27 DEDICATED RESOURCES	196	190	196	184	209	197	234	190	199	221	210	184	214	199	201
28 BPA PWR SALE CNTRCT PURCH	209	215	207	243	248	257	241	272	258	221	232	238	188	209	233
29 SURPLUS/DEFICIT W/PURCHASE	-74	-74	-74	-104	-104	-104	-104	-104	-104	-103	-103	-103	-103	-103	-99
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-74	-74	-74	-104	-104	-104	-104	-104	-104	-103	-103	-103	-103	-103	-99
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-74	-74	-74	-104	-104	-104	-104	-104	-104	-103	-103	-103	-103	-103	-99

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	525	525	523	544	570	564	584	574	571	558	558	541	523	530	551
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	525	525	523	544	570	564	584	574	571	558	558	541	523	530	551
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	35	29	35	23	48	36	73	29	38	60	49	23	53	38	40
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2
9 RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
10 TOTAL HYDRO	36	30	36	24	49	37	74	30	39	61	50	24	54	39	41
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	6	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	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	42	36	42	30	55	43	80	36	45	67	56	30	60	45	47
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	42	36	42	30	55	43	80	36	45	67	56	30	60	45	47
25 SURPLUS/DEFICIT	-483	-489	-481	-514	-515	-521	-504	-538	-526	-491	-502	-511	-463	-485	-503
26 BPA PSC DIVERSIFICATION	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
27 DEDICATED RESOURCES	42	36	42	30	55	43	80	36	45	67	56	30	60	45	47
28 BPA PWR SALE CNTRCT PURCH	367	373	365	394	398	406	392	424	411	375	386	393	343	365	387
29 SURPLUS/DEFICIT W/PURCHASE	-116	-116	-116	-120	-117	-115	-112	-114	-115	-116	-116	-118	-120	-120	-117
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-116	-116	-116	-120	-117	-115	-112	-114	-115	-116	-116	-118	-120	-120	-117
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-116	-116	-116	-120	-117	-115	-112	-114	-115	-116	-116	-118	-120	-120	-117

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	540	540	538	555	577	567	584	577	577	568	568	554	537	546	560	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	540	540	538	555	577	567	584	577	577	568	568	554	537	546	560	
RESOURCES																
5 REGULATED HYDRO	27	20	27	15	39	26	64	20	32	54	44	13	43	30	32	
6 INDEPENDENT HYDRO	0	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	0	
8 CAN. ENT. RETURN (CANADA)	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
9 RESTORATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	29	22	29	17	41	28	66	22	34	56	46	15	45	32	34	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	0	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	0	
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	29	22	29	17	41	28	66	22	34	56	46	15	45	32	34	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	29	22	29	17	41	28	66	22	34	56	46	15	45	32	34	
25 SURPLUS/DEFICIT	-511	-518	-509	-538	-536	-539	-518	-555	-543	-512	-522	-539	-492	-514	-526	
26 BPA PSC DIVERSIFICATION	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	
27 DEDICATED RESOURCES	29	22	29	17	41	28	66	22	34	56	46	15	45	32	34	
28 BPA PWR SALE CNTRCT PURCH	367	373	365	394	398	406	392	424	411	375	386	393	343	365	387	
29 SURPLUS/DEFICIT W/PURCHASE	-144	-145	-144	-144	-138	-133	-126	-131	-132	-137	-136	-146	-149	-149	-139	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-144	-145	-144	-144	-138	-133	-126	-131	-132	-137	-136	-146	-149	-149	-139	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-144	-145	-144	-144	-138	-133	-126	-131	-132	-137	-136	-146	-149	-149	-139	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	106	106	105	113	126	138	152	136	124	107	107	104	105	109	119
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2
4 TOTAL LOADS	108	108	107	115	128	140	154	138	126	110	110	107	108	111	121
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	129	115	102	98	111	131	114	109	73	76	84	148	142	115	112
6 INDEPENDENT HYDRO	0	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	-1	-1	-1	-1	-1	-2
8 CAN. ENT. RETURN (CANADA)	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	122	108	95	91	104	124	107	102	66	70	78	142	136	109	105
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	124	110	97	93	106	126	109	104	68	72	80	144	138	111	107
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	124	110	97	93	106	126	109	104	68	72	80	144	138	111	107
25 SURPLUS/DEFICIT	16	2	-10	-22	-22	-14	-45	-34	-58	-38	-30	37	30	0	-14
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	122	108	95	91	104	124	107	102	66	69	77	141	135	109	105
28 BPA PWR SALE CNTRCT PUR 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	16	2	-10	-22	-22	-14	-45	-34	-58	-38	-30	37	30	0	-14
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	16	2	-10	-22	-22	-14	-45	-34	-58	-38	-30	37	30	0	-14
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	16	2	-10	-22	-22	-14	-45	-34	-58	-38	-30	37	30	0	-14

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	117	117	116	125	140	153	169	151	136	117	117	114	116	120	131
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	117	117	116	125	140	153	169	151	136	117	117	114	116	120	131
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	129	115	102	98	111	131	114	109	73	76	84	148	142	115	112
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	120	106	93	89	102	122	105	100	64	67	75	139	133	106	103
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	50	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	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	170	156	143	139	152	172	155	150	114	117	125	189	183	156	153
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	170	156	143	139	152	172	155	150	114	117	125	189	183	156	153
25 SURPLUS/DEFICIT	53	39	27	14	12	19	-14	-1	-22	0	8	75	67	36	22
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	170	156	143	139	152	172	155	150	114	117	125	189	183	156	153
28 BPA PWR SALE CNTRCT PUR 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	53	39	27	14	12	19	-14	-1	-22	0	8	75	67	36	22
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	53	39	27	14	12	19	-14	-1	-22	0	8	75	67	36	22
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	53	39	27	14	12	19	-14	-1	-22	0	8	75	67	36	22

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	128	128	126	137	153	168	186	166	149	127	127	125	126	131	143
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	128	128	126	137	153	168	186	166	149	127	127	125	126	131	143
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	129	115	102	98	111	131	114	109	73	76	84	148	142	115	112
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8	-8
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	120	106	93	89	102	122	105	100	64	67	75	139	133	106	103
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	120	106	93	89	102	122	105	100	64	67	75	139	133	106	103
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	120	106	93	89	102	122	105	100	64	67	75	139	133	106	103
25 SURPLUS/DEFICIT	-8	-22	-33	-48	-51	-46	-81	-66	-85	-60	-52	14	7	-25	-40
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	120	106	93	89	102	122	105	100	64	67	75	139	133	106	103
28 BPA PWR SALE CNTRCT PUR 1/	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 SURPLUS/DEFICIT W/PURCHASE	-8	-22	-33	-48	-51	-46	-81	-66	-85	-60	-52	14	7	-25	-40
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-8	-22	-33	-48	-51	-46	-81	-66	-85	-60	-52	14	7	-25	-40
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-8	-22	-33	-48	-51	-46	-81	-66	-85	-60	-52	14	7	-25	-40

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	252	252	256	284	334	362	380	359	331	304	304	274	251	243	302
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	252	252	256	284	334	362	380	359	331	304	304	274	251	243	302
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	37	37	34	32	33	39	34	34	32	32	30	41	40	36	35
6 INDEPENDENT HYDRO	20	23	22	25	25	18	17	23	27	28	27	32	32	31	25
7 CAN. ENT. RETURN (CSPE)	0	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	-1	-1	-1	-1	-1	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	57	60	56	57	58	57	51	57	59	59	56	72	71	66	60
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	6	6	6	6	6	6	6	6	6	5	5	5	5	5	6
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
16 IMPORTS	17	17	17	19	22	24	26	24	22	20	20	18	17	16	20
17 CONTRACTS IN	101	101	113	128	170	189	195	175	149	130	130	97	99	99	137
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	2	2	2	7	9	9	5	5	5	12	12	39	39	12	12
20 TOTAL RESOURCES	198	201	209	232	280	293	298	282	256	241	238	246	246	206	249
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2
24 NET RESOURCES	198	197	207	230	276	293	298	282	254	237	234	242	246	206	247
25 SURPLUS/DEFICIT	-54	-55	-49	-54	-58	-69	-82	-77	-77	-67	-70	-32	-5	-37	-55
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	171	172	177	200	246	270	266	257	230	212	211	215	217	181	220
28 BPA PWR SALE CNTRCT PURCH	70	70	71	79	93	100	105	99	92	84	84	76	70	67	84
29 SURPLUS/DEFICIT W/PURCHASE	16	15	22	25	35	31	23	22	15	17	14	44	65	30	29
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	16	15	22	25	35	31	23	22	15	17	14	44	65	30	29
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	16	15	22	25	35	31	23	22	15	17	14	44	65	30	29

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	259	259	263	290	340	367	384	364	338	311	311	281	258	251	309
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	259	259	263	290	340	367	384	364	338	311	311	281	258	251	309
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	37	37	34	32	33	39	34	34	32	32	30	41	40	36	35
6 INDEPENDENT HYDRO	20	23	22	25	25	18	17	23	27	28	27	32	32	31	25
7 CAN. ENT. RETURN (CSPE)	0	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	-1	-1	-1	-1	-1	-2
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	55	58	54	55	56	55	49	55	57	59	56	72	71	66	59
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
16 IMPORTS	16	16	17	0	0	0	0	0	0	0	0	0	0	0	3
17 CONTRACTS IN	25	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	0
19 NON-UTILITY GENERATION	2	2	2	7	9	9	5	5	5	12	12	39	39	12	12
20 TOTAL RESOURCES	113	116	113	102	105	97	94	100	102	111	108	151	150	111	112
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2
24 NET RESOURCES	113	112	111	100	101	97	94	100	100	107	104	147	150	111	111
25 SURPLUS/DEFICIT	-146	-147	-152	-190	-239	-270	-290	-264	-238	-204	-207	-134	-108	-140	-198
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES	86	87	81	70	71	74	62	75	76	82	81	120	121	86	84
28 BPA PWR SALE CNTRCT PURCH	154	154	157	132	155	169	177	168	155	142	142	128	118	114	147
29 SURPLUS/DEFICIT W/PURCHASE	8	8	5	-58	-83	-101	-113	-96	-83	-62	-65	-5	10	-26	-50
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	8	8	5	-58	-83	-101	-113	-96	-83	-62	-65	-5	10	-26	-50
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	8	8	5	-58	-83	-101	-113	-96	-83	-62	-65	-5	10	-26	-50

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	269	269	273	300	350	376	392	373	347	321	321	292	268	261	318	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	269	269	273	300	350	376	392	373	347	321	321	292	268	261	318	
RESOURCES																
5 REGULATED HYDRO	30	29	27	25	25	30	26	26	27	27	26	32	32	29	28	
6 INDEPENDENT HYDRO	20	23	22	25	25	18	17	23	27	28	27	32	32	31	25	
7 CAN. ENT. RETURN (CSPE)	0	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	-1	
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	49	51	48	49	49	47	42	48	53	54	52	63	63	59	52	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14	
16 IMPORTS	0	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	0	
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19 NON-UTILITY GENERATION	1	1	2	7	9	8	5	5	5	12	12	39	39	12	12	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	65	67	65	71	73	63	62	68	73	81	79	117	117	79	78	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	-4	-2	-2	-4	0	0	0	-2	-4	-4	-4	0	0	-2	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	65	63	63	69	69	63	62	68	71	77	75	113	117	79	76	
25 SURPLUS/DEFICIT	-204	-206	-210	-231	-281	-313	-330	-305	-276	-244	-246	-179	-151	-182	-242	
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27 DEDICATED RESOURCES	40	40	35	41	40	43	31	44	47	53	52	88	89	55	51	
28 BPA PWR SALE CNTRCT PURCH	154	154	157	132	155	169	177	168	155	142	142	128	118	114	147	
29 SURPLUS/DEFICIT W/PURCHASE	-50	-51	-53	-99	-125	-144	-153	-137	-121	-102	-104	-50	-33	-68	-95	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-50	-51	-53	-99	-125	-144	-153	-137	-121	-102	-104	-50	-33	-68	-95	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-50	-51	-53	-99	-125	-144	-153	-137	-121	-102	-104	-50	-33	-68	-95	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	404	404	353	338	329	371	401	372	343	352	352	390	426	403	373
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	24	24	21	19	18	19	20	18	19	19	19	22	23	23	20
4 TOTAL LOADS	428	428	374	357	347	390	421	390	362	371	371	412	449	426	394
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	277	314	279	272	309	367	319	304	204	198	163	358	346	274	292
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
8 CAN. ENT. RETURN (CANADA)	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13	-13
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 TOTAL HYDRO	258	295	260	253	290	348	300	285	185	179	144	339	327	255	273
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	10	10	10	10	10	10	10	10	10	9	9	9	9	9	10
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	10	10	14	15	15	7
20 TOTAL RESOURCES	280	317	277	268	300	358	310	295	196	198	163	362	351	279	290
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	280	317	277	268	300	358	310	295	196	198	163	362	351	279	290
25 SURPLUS/DEFICIT	-148	-111	-97	-89	-47	-32	-111	-95	-166	-173	-208	-50	-98	-147	-104
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0	5
27 DEDICATED RESOURCES	217	250	221	217	251	302	257	247	156	150	118	290	278	213	233
28 BPA PWR SALE CNTRCT PURCH	146	146	127	122	119	134	145	134	124	127	127	141	154	146	135
29 SURPLUS/DEFICIT W/PURCHASE	-2	35	30	33	72	102	34	39	-42	-46	-81	91	56	-1	31
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-2	35	30	33	72	102	34	39	-42	-46	-81	91	56	-1	31
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-2	35	30	33	72	102	34	39	-42	-46	-81	91	56	-1	31

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	425	425	371	355	343	386	405	377	349	359	359	400	437	421	386
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
4 TOTAL LOADS	438	438	381	363	350	394	414	384	357	369	369	413	451	435	396
RESOURCES															
5 REGULATED HYDRO	277	314	279	272	309	367	319	304	204	198	163	358	346	274	292
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-22	-22	-22	-22	-22	-22	-22	-22	-22	-23	-23	-23	-23	-23	-22
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 TOTAL HYDRO	252	289	254	247	284	342	294	279	179	172	137	332	320	248	267
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	10	10	14	15	15	7
20 TOTAL RESOURCES	264	301	261	252	284	342	294	279	180	182	147	346	335	263	274
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	264	301	261	252	284	342	294	279	180	182	147	346	335	263	274
25 SURPLUS/DEFICIT	-174	-137	-120	-111	-66	-52	-120	-105	-177	-187	-222	-67	-116	-172	-122
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0	5
27 DEDICATED RESOURCES	212	245	216	212	246	297	252	242	151	143	111	283	271	206	228
28 BPA PWR SALE CNTRCT PURCH	151	151	132	125	121	136	144	134	123	127	127	141	154	147	136
29 SURPLUS/DEFICIT W/PURCHASE	-23	14	12	14	55	84	24	29	-54	-60	-95	74	38	-25	14
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-23	14	12	14	55	84	24	29	-54	-60	-95	74	38	-25	14
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-23	14	12	14	55	84	24	29	-54	-60	-95	74	38	-25	14

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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
LOADS															
1 SYSTEM LOADS	449	449	392	373	358	401	420	391	364	377	377	421	461	444	404
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	13	13	10	8	7	8	9	7	8	10	10	13	14	14	10
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	462	462	402	381	365	409	429	398	372	387	387	434	475	458	414
RESOURCES															
5 REGULATED HYDRO	525	604	539	527	595	700	612	586	398	387	300	679	655	526	560
6 INDEPENDENT HYDRO	0	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	0
8 CAN. ENT. RETURN (CANADA)	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42	-42
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
10 TOTAL HYDRO	480	559	494	482	550	655	567	541	353	342	255	634	610	481	515
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	12	12	7	5	0	0	0	0	1	11	11	14	15	14	7
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
20 TOTAL RESOURCES	492	571	501	487	550	655	567	541	354	353	266	648	625	495	522
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
24 NET RESOURCES	492	571	501	487	550	655	567	541	354	353	266	648	625	495	522
25 SURPLUS/DEFICIT	30	109	99	106	185	246	138	143	-18	-34	-121	214	150	37	108
26 BPA PSC DIVERSIFICATION	0	0	8	8	8	8	8	8	8	8	8	0	0	0	5
27 DEDICATED RESOURCES	192	225	196	192	226	277	232	222	131	124	92	264	252	187	208
28 BPA PWR SALE CNTRCT PURCH	151	151	132	125	121	136	144	134	123	127	127	141	154	147	136
29 SURPLUS/DEFICIT W/PURCHASE	181	260	231	231	306	382	282	277	105	93	6	355	304	184	244
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	181	260	231	231	306	382	282	277	105	93	6	355	304	184	244
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	181	260	231	231	306	382	282	277	105	93	6	355	304	184	244

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	110	110	115	131	151	157	163	156	150	142	142	118	108	109	134
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
4 TOTAL LOADS	160	160	165	181	201	207	213	206	200	192	192	168	158	159	184
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	2	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18 LARGE THERMAL	50	50	50	50	50	50	50	50	50	50	50	27	50	50	48
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	102	102	102	102	102	102	102	102	102	102	102	79	102	102	100
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	102	102	102	102	102	102	102	102	102	102	102	79	102	102	100
25 SURPLUS/DEFICIT	-58	-58	-63	-79	-99	-105	-111	-104	-98	-90	-90	-89	-56	-57	-84
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0	13
27 DEDICATED RESOURCES	27	27	27	27	27	27	27	27	27	27	27	16	27	27	26
28 BPA PWR SALE CNTRCT PURCH	83	83	88	82	102	108	114	107	101	93	93	103	81	82	95
29 SURPLUS/DEFICIT W/PURCH	25	25	25	3	3	3	3	3	3	3	3	14	25	25	11
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	25	25	25	3	3	3	3	3	3	3	3	14	25	25	11
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	25	25	25	3	3	3	3	3	3	3	3	14	25	25	11

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	111	111	117	133	152	157	163	156	151	143	143	120	110	110	135
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	111	111	117	133	152	157	163	156	151	143	143	120	110	110	135
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	50	50	50	50	50	50	50	50	48	25	25	43	50	50	47
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	50	50	50	50	50	50	50	50	48	25	25	43	50	50	47
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	50	50	50	50	50	50	50	50	48	25	25	43	50	50	47
25 SURPLUS/DEFICIT	-61	-61	-67	-83	-102	-107	-113	-106	-103	-118	-118	-77	-60	-60	-88
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0	13
27 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA PWR SALE CNTRCT PURCH	110	110	116	108	128	133	139	132	126	119	119	118	107	108	120
29 SURPLUS/DEFICIT W/PURCH	49	49	49	25	26	26	26	26	23	1	1	41	47	48	32
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	49	49	49	25	26	26	26	26	23	1	1	41	47	48	32
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	49	49	49	25	26	26	26	26	23	1	1	41	47	48	32

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	113	113	119	135	153	157	163	157	152	145	145	122	111	112	137
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	113	113	119	135	153	157	163	157	152	145	145	122	111	112	137
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	50	50	50	50	50	50	50	50	50	50	50	27	50	50	48
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 TOTAL RESOURCES	50	50	50	50	50	50	50	50	50	50	50	27	50	50	48
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	50	50	50	50	50	50	50	50	50	50	50	27	50	50	48
25 SURPLUS/DEFICIT	-63	-63	-69	-85	-103	-107	-113	-107	-102	-95	-95	-95	-61	-62	-88
26 BPA PSC DIVERSIFICATION	0	0	0	22	22	22	22	22	22	22	22	0	0	0	13
27 DEDICATED RESOURCES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 BPA PWR SALE CNTRCT PURCH	110	110	116	108	128	133	139	132	126	119	119	118	107	108	120
29 SURPLUS/DEFICIT W/PURCH	47	47	47	23	25	26	26	25	24	24	24	23	46	46	32
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	47	47	47	23	25	26	26	25	24	24	24	23	46	46	32
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	47	47	47	23	25	26	26	25	24	24	24	23	46	46	32

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	60	60	63	63	79	92	88	78	67	60	60	58	61	62	69
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4 TOTAL LOADS	60	60	63	63	79	92	88	78	67	60	60	58	61	62	69
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	32	29	26	25	28	32	28	27	18	19	21	36	36	28	28
6 INDEPENDENT HYDRO	0	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	-1
8 CAN. ENT. RETURN (CANADA)	-1	-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	0
10 TOTAL HYDRO	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	1	1	1	1	1	1	1	1	1	1	1	5	5	5	2
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	31	28	25	24	27	31	27	26	17	18	20	39	39	31	28
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	31	28	25	24	27	31	27	26	17	18	20	39	39	31	28
25 SURPLUS/DEFICIT	-29	-32	-38	-39	-52	-61	-61	-52	-50	-42	-40	-19	-22	-31	-41
26 BPA PSC DIVERSIFICATION	4	4	5	6	7	8	8	7	6	5	5	3	3	5	5
27 DEDICATED RESOURCES	30	27	24	23	26	30	26	25	16	17	19	38	38	30	27
28 BPA PWR SALE CNTRCT PURCH	26	29	34	34	46	54	54	46	45	38	36	17	20	27	37
29 SURPLUS/DEFICIT W/PURCHASE	-3	-3	-4	-5	-6	-7	-7	-6	-5	-4	-4	-2	-2	-4	-4
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-3	-3	-4	-5	-6	-7	-7	-6	-5	-4	-4	-2	-2	-4	-4
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-3	-3	-4	-5	-6	-7	-7	-6	-5	-4	-4	-2	-2	-4	-4

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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	62	62	65	65	80	93	89	79	68	61	61	59	62	64	71	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	62	62	65	65	80	93	89	79	68	61	61	59	62	64	71	
RESOURCES																
5 REGULATED HYDRO	32	29	26	25	28	32	28	27	18	19	21	36	36	28	28	
6 INDEPENDENT HYDRO	0	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	0	
8 CAN. ENT. RETURN (CANADA)	-2	-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	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	0	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	0	
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
25 SURPLUS/DEFICIT	-32	-35	-41	-42	-54	-63	-63	-54	-52	-44	-42	-25	-28	-38	-45	
26 BPA PSC DIVERSIFICATION	4	4	5	5	6	7	7	7	5	4	4	3	2	4	5	
27 DEDICATED RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
28 BPA PWR SALE CNTRCT PURCH	27	30	35	36	47	55	55	48	46	39	37	17	21	29	38	
29 SURPLUS/DEFICIT W/PURCHASE	-5	-5	-6	-6	-7	-8	-8	-6	-6	-5	-5	-8	-7	-9	-7	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-5	-5	-6	-6	-7	-8	-8	-6	-6	-5	-5	-8	-7	-9	-7	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-5	-5	-6	-6	-7	-8	-8	-6	-6	-5	-5	-8	-7	-9	-7	

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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	64	64	67	67	82	95	91	81	70	63	63	62	64	66	73	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	64	64	67	67	82	95	91	81	70	63	63	62	64	66	73	
RESOURCES																
5 REGULATED HYDRO	32	29	26	25	28	32	28	27	18	19	21	36	36	28	28	
6 INDEPENDENT HYDRO	0	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	0	
8 CAN. ENT. RETURN (CANADA)	-2	-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	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	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	0	
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	0	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	0	
19 NON-UTILITY GENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
25 SURPLUS/DEFICIT	-34	-37	-43	-44	-56	-65	-65	-56	-54	-46	-44	-28	-30	-40	-47	
26 BPA PSC DIVERSIFICATION	4	4	5	5	6	7	7	7	5	4	4	3	2	4	5	
27 DEDICATED RESOURCES	30	27	24	23	26	30	26	25	16	17	19	34	34	26	26	
28 BPA PWR SALE CNTRCT PURCH	27	30	35	36	47	55	55	48	46	39	37	17	21	29	38	
29 SURPLUS/DEFICIT W/PURCHASE	-7	-7	-8	-8	-9	-10	-10	-8	-8	-7	-7	-11	-9	-11	-9	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-7	-7	-8	-8	-9	-10	-10	-8	-8	-7	-7	-11	-9	-11	-9	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-7	-7	-8	-8	-9	-10	-10	-8	-8	-7	-7	-11	-9	-11	-9	

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	45	45	45	48	53	56	65	59	56	51	51	45	43	44	51
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	74	74	74	74	74	74	74	74	74	74	74	74	74	74	74
4 TOTAL LOADS 1/	119	119	119	122	127	130	139	133	130	125	125	119	117	118	125
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	39	27	37	55	40	43	35	31	38	44	60	74	74	63	48
6 INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	39	27	38	55	40	44	35	31	39	44	60	75	74	63	48
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	73	61	72	89	74	78	69	65	73	78	94	109	108	97	82
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	73	61	72	89	74	78	69	65	73	78	94	109	108	97	82
25 SURPLUS/DEFICIT	-46	-58	-47	-33	-53	-52	-70	-68	-57	-47	-31	-10	-9	-21	-43
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	-7	-12	-8	9	-6	-2	-11	-12	-7	-2	14	29	28	17	3
28 BPA PWR SALE CNTRCT PURCH	52	57	53	39	59	58	76	71	63	53	37	16	15	27	48
29 SURPLUS/DEFICIT W/PURCHASE	6	-1	6	6	6	6	6	3	6	6	6	6	6	6	5
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	6	-1	6	6	6	6	6	3	6	6	6	6	6	6	5
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	6	-1	6	6	6	6	6	3	6	6	6	6	6	6	5

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	46	46	46	48	54	57	66	59	57	52	52	46	43	45	52
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71
4 TOTAL LOADS 1/	117	117	117	119	125	128	137	130	128	123	123	117	114	116	123
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	39	27	37	55	40	43	35	31	38	44	60	74	74	63	48
6 INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	39	27	38	55	40	44	35	31	39	44	60	75	74	63	48
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	71	59	70	87	72	76	67	63	71	76	92	107	106	95	80
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	71	59	70	87	72	76	67	63	71	76	92	107	106	95	80
25 SURPLUS/DEFICIT	-46	-58	-47	-32	-53	-52	-70	-67	-57	-47	-31	-10	-8	-21	-42
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	0	-9	-1	16	1	5	-4	-8	0	5	21	36	35	24	9
28 BPA PWR SALE CNTRCT PURCH	45	54	46	32	53	52	70	67	57	47	31	10	9	20	42
29 SURPLUS/DEFICIT W/PURCHASE	-1	-4	-1	0	0	0	0	0	0	0	0	0	1	-1	0
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-1	-4	-1	0	0	0	0	0	0	0	0	0	1	-1	0
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-1	-4	-1	0	0	0	0	0	0	0	0	0	1	-1	0

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	47	47	47	49	55	58	67	61	58	53	53	47	45	46	53
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
4 TOTAL LOADS 1/	109	109	109	111	117	120	129	123	120	115	115	109	107	108	115
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	39	26	37	55	40	43	35	31	38	44	60	74	74	63	48
6 INDEPENDENT HYDRO	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	39	26	38	55	40	44	35	31	39	44	60	75	74	63	48
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
18 LARGE THERMAL	0	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	0
20 TOTAL RESOURCES	81	68	80	97	82	86	77	73	81	86	102	117	116	105	90
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	81	68	80	97	82	86	77	73	81	86	102	117	116	105	90
25 SURPLUS/DEFICIT	-28	-41	-29	-14	-35	-34	-52	-50	-39	-29	-13	8	9	-3	-25
26 BPA PSC DIVERSIFICATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27 DEDICATED RESOURCES 2/	19	6	18	35	20	24	15	11	19	24	40	55	54	43	28
28 BPA PWR SALE CNTRCT PURCH	45	54	46	32	53	52	70	67	57	47	31	10	9	20	42
29 SURPLUS/DEFICIT W/PURCHASE	17	13	17	18	18	18	18	17	18	18	18	18	18	17	17
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	17	13	17	18	18	18	18	17	18	18	18	18	18	17	17
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	17	13	17	18	18	18	18	17	18	18	18	18	18	17	17

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	931	931	942	1074	1195	1238	1306	1195	1224	1111	1111	996	942	931	1090
2 EXPORTS	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
3 CONTRACTS OUT	83	83	45	79	29	29	29	29	29	29	29	29	29	129	47
4 TOTAL LOADS	1033	1033	1017	1167	1224	1267	1335	1224	1253	1140	1140	1025	1001	1090	1148
RESOURCES															
5 REGULATED HYDRO	821	461	307	466	581	591	402	341	484	512	617	852	1221	1046	625
6 INDEPENDENT HYDRO	11	11	9	13	16	24	14	12	14	23	23	31	39	11	18
7 CAN. ENT. RETURN (CSPE)	0	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	-1
9 RESTORATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TOTAL HYDRO	832	472	316	479	597	615	416	353	498	535	640	883	1260	1057	643
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
14 RENEWABLES	0	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	0
16 IMPORTS	18	18	13	18	59	75	88	97	89	34	34	26	36	24	48
17 CONTRACTS IN	63	63	13	13	38	63	63	63	13	13	13	13	13	13	32
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	121	121	76	28	5	5	10	12	28	88	88	134	141	138	65
20 TOTAL RESOURCES	1147	787	531	651	812	871	690	638	741	782	887	1121	1562	1344	897
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
24 NET RESOURCES	1147	787	531	648	812	871	690	638	741	782	887	1114	1559	1344	896
25 SURPLUS/DEFICIT	114	-246	-486	-519	-412	-396	-645	-586	-512	-358	-253	89	558	254	-252
26 BPA PSC DIVERSIFICATION	26	26	28	40	67	76	91	67	73	48	48	23	11	9	47
27 DEDICATED RESOURCES	1068	708	502	622	734	762	581	529	682	747	852	1092	1533	1315	837
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	309	-51	-291	-324	-217	-201	-450	-391	-317	-163	-58	284	753	449	-57
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	309	-51	-291	-324	-217	-201	-450	-391	-317	-163	-58	284	753	449	-57
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	309	-51	-291	-324	-217	-201	-450	-391	-317	-163	-58	284	753	449	-57

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

ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	935	935	946	1075	1190	1229	1296	1188	1222	1114	1114	1003	950	935	1090
2 EXPORTS	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
3 CONTRACTS OUT	86	86	48	82	32	32	32	32	32	32	32	32	32	32	42
4 TOTAL LOADS	1040	1040	1024	1171	1222	1261	1328	1220	1254	1146	1146	1035	1012	997	1142
RESOURCES															
5 REGULATED HYDRO	821	461	307	466	581	591	402	341	484	512	617	852	1222	1046	625
6 INDEPENDENT HYDRO	11	11	9	13	16	24	14	12	14	23	23	31	39	11	18
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 RESTORATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TOTAL HYDRO	830	470	314	477	595	613	414	351	496	533	638	881	1259	1055	641
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	18	18	13	19	59	75	88	97	89	33	33	26	36	24	48
17 CONTRACTS IN	59	59	9	9	9	9	9	9	9	9	9	9	9	9	13
18 LARGE THERMAL	100	100	100	100	100	100	100	100	95	50	50	86	100	100	94
19 NON-UTILITY GENERATION	121	121	76	28	5	5	10	12	28	88	88	134	141	138	65
20 TOTAL RESOURCES	1128	768	512	633	768	802	621	569	717	713	818	1136	1545	1326	862
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
24 NET RESOURCES	1128	768	512	630	768	802	621	569	717	713	818	1129	1542	1326	861
25 SURPLUS/DEFICIT	88	-272	-512	-541	-454	-459	-707	-651	-537	-433	-328	94	530	329	-282
26 BPA PSC DIVERSIFICATION	13	12	15	41	67	77	90	66	73	48	48	24	12	10	45
27 DEDICATED RESOURCES	1046	686	480	601	712	740	559	507	655	675	780	1104	1513	1294	813
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	283	-77	-317	-346	-259	-264	-512	-456	-342	-238	-133	289	725	524	-87
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	283	-77	-317	-346	-259	-264	-512	-456	-342	-238	-133	289	725	524	-87
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	283	-77	-317	-346	-259	-264	-512	-456	-342	-238	-133	289	725	524	-87

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

ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	942	942	954	1079	1186	1220	1291	1186	1227	1122	1122	1016	964	946	1094
2 EXPORTS	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
3 CONTRACTS OUT	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
4 TOTAL LOADS	1003	1003	1026	1135	1228	1262	1333	1228	1269	1164	1164	1058	1036	1018	1147
RESOURCES															
5 REGULATED HYDRO	790	424	274	434	544	549	365	306	460	488	600	812	1182	1014	591
6 INDEPENDENT HYDRO	11	11	9	13	16	24	14	12	14	23	23	31	39	11	18
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10 TOTAL HYDRO	802	436	284	448	561	574	380	319	475	512	624	844	1222	1026	610
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	18	18	13	19	59	75	88	97	89	33	33	26	36	24	48
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	121	121	75	27	4	5	10	12	27	88	88	134	141	138	65
20 TOTAL RESOURCES	1041	675	472	594	724	754	578	528	691	733	845	1057	1499	1288	819
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	-3	0	0	0	0	0	0	0	-7	-3	0	-1
24 NET RESOURCES	1041	675	472	591	724	754	578	528	691	733	845	1050	1496	1288	818
25 SURPLUS/DEFICIT	38	-328	-554	-544	-504	-508	-755	-700	-578	-431	-319	-8	460	270	-329
26 BPA PSC DIVERSIFICATION	13	12	15	41	67	77	90	66	73	48	48	24	12	10	45
27 DEDICATED RESOURCES	999	633	430	552	658	682	506	456	619	685	797	1015	1457	1246	765
28 BPA PWR SALE CNTRCT PURCH	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
29 SURPLUS/DEFICIT W/PURCHASE	233	-133	-359	-349	-309	-313	-560	-505	-383	-236	-124	187	655	465	-134
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	233	-133	-359	-349	-309	-313	-560	-505	-383	-236	-124	187	655	465	-134
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	233	-133	-359	-349	-309	-313	-560	-505	-383	-236	-124	187	655	465	-134

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	580	580	629	698	863	908	949	945	821	751	751	654	606	569	748
2 EXPORTS	36	36	36	26	26	26	26	26	26	27	27	26	33	33	29
3 CONTRACTS OUT	4	4	4	4	6	7	7	6	6	5	5	4	4	3	5
4 TOTAL LOADS	620	620	669	728	895	941	982	977	853	783	783	684	643	605	782
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	2	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	110	110	110	110	112	141	143	144	144	142	142	113	113	112	124
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	38	38	38	27	27	27	27	27	27	38	38	38	38	38	32
20 TOTAL RESOURCES	268	268	270	260	260	350	305	289	315	347	347	280	335	298	298
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	268	268	270	260	260	350	305	289	315	347	347	280	335	298	298
25 SURPLUS/DEFICIT	-352	-352	-399	-468	-635	-591	-677	-688	-538	-436	-436	-404	-308	-307	-484
26 BPA PSC DIVERSIFICATION	215	215	215	255	255	255	255	255	255	255	255	255	255	255	248
27 DEDICATED RESOURCES	122	122	124	124	122	183	136	119	145	178	178	141	189	153	145
28 BPA PWR SALE CNTRCT PURCH	243	243	290	319	486	470	558	571	421	318	318	258	162	161	355
29 SURPLUS/DEFICIT W/PURCHASE	-109	-109	-109	-149	-149	-121	-119	-117	-117	-118	-118	-146	-146	-146	-129
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-109	-109	-109	-149	-149	-121	-119	-117	-117	-118	-118	-146	-146	-146	-129
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-109	-109	-109	-149	-149	-121	-119	-117	-117	-118	-118	-146	-146	-146	-129

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	617	617	670	741	911	956	998	996	869	798	798	697	647	605	792
2 EXPORTS	36	36	36	26	26	26	26	26	26	26	26	26	33	33	29
3 CONTRACTS OUT	7	7	8	9	12	16	15	14	12	10	10	9	8	7	11
4 TOTAL LOADS	660	660	714	776	949	998	1039	1036	907	834	834	732	688	645	831
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
18 LARGE THERMAL	100	100	100	100	100	100	100	100	95	50	50	85	100	100	94
19 NON-UTILITY GENERATION	38	38	38	27	27	27	27	27	27	38	38	38	38	38	32
20 TOTAL RESOURCES	206	206	208	198	196	257	210	193	214	203	203	247	270	234	220
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	206	206	208	198	196	257	210	193	214	203	203	247	270	234	220
25 SURPLUS/DEFICIT	-454	-454	-506	-578	-753	-741	-829	-843	-693	-631	-631	-485	-418	-411	-612
26 BPA PSC DIVERSIFICATION	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265
27 DEDICATED RESOURCES	120	120	122	122	120	181	134	117	138	127	127	171	187	151	141
28 BPA PWR SALE CNTRCT PURCH	212	212	262	319	487	471	563	576	425	322	322	261	165	161	352
29 SURPLUS/DEFICIT W/PURCHASE	-242	-242	-244	-259	-266	-270	-266	-267	-268	-309	-309	-224	-253	-250	-260
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-242	-242	-244	-259	-266	-270	-266	-267	-268	-309	-309	-224	-253	-250	-260
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-242	-242	-244	-259	-266	-270	-266	-267	-268	-309	-309	-224	-253	-250	-260

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	665	665	722	795	971	1014	1055	1055	926	854	854	749	697	654	846
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	7	7	8	9	12	16	15	14	12	10	10	9	8	7	11
4 TOTAL LOADS	672	672	730	804	983	1030	1070	1069	938	864	864	758	705	661	857
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	18	18	20	21	19	80	33	16	42	65	65	74	82	46	43
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	38	38	38	27	27	27	27	27	27	38	38	38	38	38	32
20 TOTAL RESOURCES	156	156	158	148	146	207	160	143	169	203	203	165	220	184	172
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	156	156	158	148	146	207	160	143	169	203	203	165	220	184	172
25 SURPLUS/DEFICIT	-516	-516	-572	-656	-837	-823	-910	-926	-769	-661	-661	-593	-485	-477	-685
26 BPA PSC DIVERSIFICATION	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265
27 DEDICATED RESOURCES	156	156	158	148	146	207	160	143	169	203	203	165	220	184	172
28 BPA PWR SALE CNTRCT PURCH	212	212	262	319	487	471	563	576	425	322	322	261	165	161	352
29 SURPLUS/DEFICIT W/PURCHASE	-304	-304	-310	-337	-350	-352	-347	-350	-344	-339	-339	-332	-320	-316	-334
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-304	-304	-310	-337	-350	-352	-347	-350	-344	-339	-339	-332	-320	-316	-334
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-304	-304	-310	-337	-350	-352	-347	-350	-344	-339	-339	-332	-320	-316	-334

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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 SYSTEM LOADS	99	99	97	111	123	134	137	128	122	105	105	108	98	99	113	
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	99	99	97	111	123	134	137	128	122	105	105	108	98	99	113	
RESOURCES																
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	0	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	0	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	
14 RENEWABLES	0	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	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	45	45	45	45	45	45	68	66	66	45	45	45	45	45	50	
18 LARGE THERMAL	0	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	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	45	45	45	45	45	45	68	66	66	46	46	46	46	46	51	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	45	45	45	45	45	45	68	66	66	46	46	46	46	46	51	
25 SURPLUS/DEFICIT	-54	-54	-52	-66	-78	-89	-69	-62	-56	-59	-59	-62	-52	-53	-63	
26 BPA PSC DIVERSIFICATION	35	35	61	61	55	55	41	41	41	61	61	21	21	36	44	
27 DEDICATED RESOURCES	24	24	24	24	24	24	24	24	24	25	25	25	25	25	24	
28 BPA PWR SALE CNTRCT PURCH	40	40	12	26	44	55	72	63	57	19	19	62	52	39	45	
29 SURPLUS/DEFICIT W/PURCHASE	-14	-14	-40	-40	-34	-34	3	1	1	-40	-40	0	0	-15	-18	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-14	-14	-40	-40	-34	-34	3	1	1	-40	-40	0	0	-15	-18	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-14	-14	-40	-40	-34	-34	3	1	1	-40	-40	0	0	-15	-18	

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	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	102	102	101	116	128	138	141	132	126	110	110	113	102	102	118
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	102	102	101	116	128	138	141	132	126	110	110	113	102	102	118
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	31	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	0
19 NON-UTILITY GENERATION	0	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	31
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	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	31
25 SURPLUS/DEFICIT	-71	-71	-70	-85	-97	-107	-110	-101	-95	-79	-79	-82	-71	-71	-87
26 BPA PSC DIVERSIFICATION	21	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	31
28 BPA PWR SALE CNTRCT PURCH	78	78	77	66	78	89	92	83	77	60	60	63	53	54	72
29 SURPLUS/DEFICIT W/PURCHASE	7	7	7	-19	-19	-18	-18	-18	-18	-19	-19	-19	-18	-17	-14
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	7	7	7	-19	-19	-18	-18	-18	-18	-19	-19	-19	-18	-17	-14
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	7	7	7	-19	-19	-18	-18	-18	-18	-19	-19	-19	-18	-17	-14

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

ENERGY IN AVERAGE MEGAWATTS

	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	108	108	107	122	134	144	147	138	132	116	116	119	108	108	124
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
4 TOTAL LOADS	108	108	107	122	134	144	147	138	132	116	116	119	108	108	124
RESOURCES															
5 REGULATED HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 INDEPENDENT HYDRO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	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	0
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	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	0
15 COGENERATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	0	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	0
19 NON-UTILITY GENERATION	0	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	0
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	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	0
25 SURPLUS/DEFICIT	-108	-108	-107	-122	-134	-144	-147	-138	-132	-116	-116	-119	-108	-108	-124
26 BPA PSC DIVERSIFICATION	21	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	0
28 BPA PWR SALE CNTRCT PURCH	78	78	77	66	78	89	92	83	77	60	60	63	53	54	72
29 SURPLUS/DEFICIT W/PURCHASE	-30	-30	-30	-56	-56	-55	-55	-55	-55	-56	-56	-56	-55	-54	-51
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	-30	-30	-30	-56	-56	-55	-55	-55	-55	-56	-56	-56	-55	-54	-51
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	-30	-30	-30	-56	-56	-55	-55	-55	-55	-56	-56	-56	-55	-54	-51

TABLE U-20

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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	571	571	578	635	720	769	771	734	707	654	654	600	559	557	655
2 EXPORTS	41	41	69	67	40	29	20	23	32	42	42	42	41	41	41
3 CONTRACTS OUT	51	51	1	1	1	1	1	1	1	1	1	1	1	1	5
4 TOTAL LOADS	663	663	648	703	761	799	792	758	740	697	697	643	601	599	700
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	524	316	147	185	249	226	184	664	246	258	199	259	465	521	316
6 INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7 CAN. ENT. RETURN (CSPE)	0	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	-2
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	525	317	148	187	251	228	186	666	248	260	201	261	467	522	318
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 CSPE PURCHASE	13	13	13	13	13	13	13	13	13	12	12	12	12	12	13
14 RENEWABLES	0	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	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	47	47	47	97	47	47	47	47	47	47	47	47	47	47	51
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
20 TOTAL RESOURCES	741	533	344	415	414	391	349	829	415	457	398	422	683	743	506
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	741	533	344	415	414	391	349	829	415	457	398	422	683	743	506
25 SURPLUS/DEFICIT	78	-130	-304	-288	-347	-408	-443	71	-325	-240	-299	-221	82	144	-195
26 BPA PSC DIVERSIFICATION	21	21	57	52	60	57	53	42	90	117	117	101	90	47	65
27 DEDICATED RESOURCES	638	430	261	299	363	340	298	778	360	371	312	325	578	634	426
28 BPA PWR SALE CNTRCT PURCH	102	102	68	86	102	119	123	123	68	26	26	26	26	68	78
29 SURPLUS/DEFICIT W/PURCHASE	180	-28	-236	-202	-245	-289	-320	194	-257	-214	-273	-195	108	212	-116
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	180	-28	-236	-202	-245	-289	-320	194	-257	-214	-273	-195	108	212	-116
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	180	-28	-236	-202	-245	-289	-320	194	-257	-214	-273	-195	108	212	-116

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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	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	574	574	581	636	718	764	774	738	714	663	663	611	569	567	659
2 EXPORTS	41	41	69	67	40	29	20	23	32	41	41	41	41	41	40
3 CONTRACTS OUT	50	50	0	0	0	0	0	0	0	0	0	0	0	0	4
4 TOTAL LOADS	665	665	650	703	758	793	794	761	746	704	704	652	610	608	704
RESOURCES															
5 REGULATED HYDRO	524	316	147	185	249	226	184	664	246	258	199	259	465	521	316
6 INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	524	316	147	186	250	227	185	665	247	259	200	260	466	521	317
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	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	4
18 LARGE THERMAL	100	100	100	100	100	100	100	100	95	50	50	86	100	100	94
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
20 TOTAL RESOURCES	680	472	283	354	353	330	288	768	349	347	288	395	623	683	443
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	680	472	283	354	353	330	288	768	349	347	288	395	623	683	443
25 SURPLUS/DEFICIT	15	-193	-367	-349	-405	-463	-506	7	-397	-357	-416	-257	13	75	-260
26 BPA PSC DIVERSIFICATION	18	18	54	50	57	54	52	42	89	117	117	101	90	46	64
27 DEDICATED RESOURCES	624	416	247	285	349	326	284	764	341	308	249	345	565	621	410
28 BPA PWR SALE CNTRCT PURCH	102	102	68	86	102	119	123	123	68	26	26	26	26	68	78
29 SURPLUS/DEFICIT W/PURCHASE	117	-91	-299	-263	-303	-344	-383	130	-329	-331	-390	-231	39	143	-182
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	117	-91	-299	-263	-303	-344	-383	130	-329	-331	-390	-231	39	143	-182
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	117	-91	-299	-263	-303	-344	-383	130	-329	-331	-390	-231	39	143	-182

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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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	592	592	599	653	732	775	781	747	727	677	677	627	585	584	673
2 EXPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3 CONTRACTS OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4 TOTAL LOADS	592	592	599	653	732	775	781	747	727	677	677	627	585	584	673
RESOURCES	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
5 REGULATED HYDRO	493	279	114	153	213	184	147	628	222	234	182	219	426	489	282
6 INDEPENDENT HYDRO	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
10 TOTAL HYDRO	496	282	117	157	217	188	151	632	226	238	186	223	430	492	286
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	0	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	0
14 RENEWABLES	0	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	0
16 IMPORTS	0	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	0
18 LARGE THERMAL	100	100	100	100	100	100	100	100	100	100	100	53	100	100	96
19 NON-UTILITY GENERATION	53	53	33	15	0	0	0	0	4	35	35	49	55	59	25
20 TOTAL RESOURCES	652	438	253	275	320	291	254	735	333	376	324	325	587	654	410
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	652	438	253	275	320	291	254	735	333	376	324	325	587	654	410
25 SURPLUS/DEFICIT	60	-154	-346	-378	-412	-484	-527	-12	-394	-301	-353	-302	2	70	-263
26 BPA PSC DIVERSIFICATION	18	18	54	50	57	54	52	42	89	117	117	101	90	46	64
27 DEDICATED RESOURCES	596	382	217	256	316	287	250	731	325	337	285	275	529	592	381
28 BPA PWR SALE CNTRCT PURCH	102	102	68	86	102	119	123	123	68	26	26	26	26	68	78
29 SURPLUS/DEFICIT W/PURCHASE	162	-52	-278	-292	-310	-365	-404	111	-326	-275	-327	-276	28	138	-185
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	162	-52	-278	-292	-310	-365	-404	111	-326	-275	-327	-276	28	138	-185
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	162	-52	-278	-292	-310	-365	-404	111	-326	-275	-327	-276	28	138	-185

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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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 ADJUSTED SYSTEM LOADS	2837	2837	2662	2667	3030	3260	3396	3216	2954	2860	2860	2765	2796	2896	2945	
2 EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4	
3 CONTRACTS OUT	3	3	3	4	4	5	5	5	4	4	4	4	3	3	4	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	2855	2855	2665	2671	3034	3265	3401	3221	2958	2864	2864	2769	2816	2918	2953	
RESOURCES																
5 REGULATED HYDRO	17	17	15	16	17	19	18	17	12	12	10	20	17	14	16	
6 INDEPENDENT HYDRO	45	45	39	43	43	43	46	44	48	52	51	49	49	50	46	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
10 TOTAL HYDRO	62	62	54	59	60	62	64	61	60	64	61	69	66	64	62	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
14 RENEWABLES	6	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	0	
16 IMPORTS	53	53	48	40	38	42	39	44	31	35	35	34	40	45	41	
17 CONTRACTS IN	243	243	263	269	290	322	318	313	299	257	257	615	612	616	368	
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19 NON-UTILITY GENERATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
20 TOTAL RESOURCES	381	381	388	391	411	449	444	441	413	379	376	741	741	748	494	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
24 NET RESOURCES	381	381	388	391	411	449	444	441	413	379	376	741	741	748	494	
25 SURPLUS/DEFICIT	-2474	-2474	-2277	-2280	-2623	-2816	-2957	-2780	-2545	-2485	-2488	-2028	-2075	-2170	-2459	
26 BPA PSC DIVERSIFICATION	437	437	433	449	464	473	472	471	456	443	443	160	151	154	380	
27 DEDICATED RESOURCES	312	312	321	331	351	389	386	381	355	337	334	701	683	688	436	
28 BPA PWR SALE CNTRCT PURCH	2088	2088	1908	1887	2215	2397	2538	2364	2143	2079	2082	1904	1962	2054	2128	
29 SURPLUS/DEFICIT W/PURCHASE	-386	-386	-369	-393	-408	-419	-419	-416	-402	-406	-406	-124	-113	-116	-331	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-386	-386	-369	-393	-408	-419	-419	-416	-402	-406	-406	-124	-113	-116	-331	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-386	-386	-369	-393	-408	-419	-419	-416	-402	-406	-406	-124	-113	-116	-331	

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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

ENERGY IN AVERAGE MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL	12 MO AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 ADJUSTED SYSTEM LOADS	2918	2918	2744	2743	3097	3316	3452	3281	3021	2934	2934	2843	2875	2976	3017
2 EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4 TOTAL LOADS	2936	2936	2747	2746	3100	3319	3455	3284	3024	2937	2937	2846	2895	2998	3024
RESOURCES															
5 REGULATED HYDRO	17	17	15	16	17	19	18	17	12	12	10	20	17	14	16
6 INDEPENDENT HYDRO	45	45	39	42	43	43	45	45	48	51	50	49	49	50	46
7 CAN. ENT. RETURN (CSPE)	0	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	0
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 TOTAL HYDRO	62	62	54	58	60	62	63	62	60	63	60	69	66	64	62
11 SMALL THERMAL & MISC	0	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	0
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 RENEWABLES	6	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	0
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 CONTRACTS IN	776	776	634	645	720	816	838	818	733	692	691	762	807	828	756
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 NON-UTILITY GENERATION	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
20 TOTAL RESOURCES	852	852	702	717	794	892	915	894	807	769	765	845	887	906	831
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 NET RESOURCES	852	852	702	717	794	892	915	894	807	769	765	845	887	906	831
25 SURPLUS/DEFICIT	-2084	-2084	-2045	-2029	-2306	-2427	-2540	-2390	-2217	-2168	-2172	-2001	-2008	-2092	-2192
26 BPA PSC DIVERSIFICATION	23	23	20	223	238	248	247	245	232	217	217	169	161	163	182
27 DEDICATED RESOURCES	788	788	655	670	746	841	866	843	760	722	718	797	821	838	779
28 BPA PWR SALE CNTRCT PURCH	2518	2518	2359	1872	2291	2470	2685	2513	2292	2233	2236	1910	1967	2056	2264
29 SURPLUS/DEFICIT W/PURCHASE	434	434	314	-157	-15	43	145	123	75	65	64	-91	-41	-36	72
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	434	434	314	-157	-15	43	145	123	75	65	64	-91	-41	-36	72
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	434	434	314	-157	-15	43	145	123	75	65	64	-91	-41	-36	72

TABLE U-21

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	12 MO	
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
LOADS																
1 ADJUSTED SYSTEM LOADS	3025	3025	2854	2847	3189	3396	3536	3374	3118	3039	3039	2952	2986	3084	3117	
2 EXPORTS	15	15	0	0	0	0	0	0	0	0	0	0	17	19	4	
3 CONTRACTS OUT	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
4 TOTAL LOADS	3043	3043	2857	2850	3192	3399	3539	3377	3121	3042	3042	2955	3006	3106	3124	
RESOURCES																
5 REGULATED HYDRO	9	9	8	8	9	9	9	9	6	6	6	9	9	7	8	
6 INDEPENDENT HYDRO	45	45	39	42	43	43	45	45	48	51	50	49	49	50	46	
7 CAN. ENT. RETURN (CSPE)	0	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	0	
9 RESTORATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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10 TOTAL HYDRO	54	54	47	50	52	52	54	54	54	57	56	58	58	57	54	
11 SMALL THERMAL & MISC	0	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	0	
13 CSPE PURCHASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14 RENEWABLES	6	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	0	
16 IMPORTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17 CONTRACTS IN	166	166	141	143	165	180	186	192	162	152	152	145	154	166	163	
18 LARGE THERMAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19 NON-UTILITY GENERATION	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	
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20 TOTAL RESOURCES	229	229	197	202	226	241	249	255	225	217	216	211	221	232	225	
21 HYD SM THRM & MISC RESERVES	0	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	0	
23 HYDRO MAINTENANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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24 NET RESOURCES	229	229	197	202	226	241	249	255	225	217	216	211	221	232	225	
25 SURPLUS/DEFICIT	-2814	-2814	-2660	-2648	-2966	-3158	-3290	-3122	-2896	-2825	-2826	-2744	-2785	-2874	-2899	
26 BPA PSC DIVERSIFICATION	23	23	20	223	238	248	247	245	232	217	217	169	161	163	182	
27 DEDICATED RESOURCES	188	188	171	176	200	215	223	229	199	192	191	186	178	187	195	
28 BPA PWR SALE CNTRCT PURCH	2518	2518	2359	1872	2291	2470	2685	2513	2292	2233	2236	1910	1967	2056	2264	
29 SURPLUS/DEFICIT W/PURCHASE	-296	-296	-301	-776	-675	-688	-605	-609	-604	-592	-590	-834	-818	-818	-635	
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31 SURPLUS/DEFICIT W/EXTRM WX	-296	-296	-301	-776	-675	-688	-605	-609	-604	-592	-590	-834	-818	-818	-635	
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33 SURPLUS/DEFICIT AFTR BPA OB	-296	-296	-301	-776	-675	-688	-605	-609	-604	-592	-590	-834	-818	-818	-635	

TABLE U-22

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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
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LOADS															
1 SYSTEM LOADS	4181	4181	4208	4620	5215	5572	5778	5453	5196	4788	4788	4434	4219	4158	4818
2 EXPORTS	96	96	135	107	66	55	46	49	58	69	69	68	104	104	80
3 CONTRACTS OUT	297	297	200	231	182	184	185	182	183	183	183	185	193	294	208
4 TOTAL LOADS	4574	4574	4543	4958	5463	5811	6009	5684	5437	5040	5040	4687	4516	4556	5106
RESOURCES															
5 REGULATED HYDRO	2140	1550	1138	1359	1616	1706	1413	1758	1306	1327	1371	2048	2576	2369	1707
6 INDEPENDENT HYDRO	53	56	56	64	65	128	69	56	89	121	120	143	158	92	91
7 CAN. ENT. RETURN (CSPE)	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-6	-6	-7	-7
8 CAN. ENT. RETURN (CANADA)	-30	-30	-30	-30	-30	-30	-30	-30	-30	-31	-31	-31	-31	-31	-30
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 TOTAL HYDRO	2153	1566	1154	1383	1641	1794	1442	1774	1355	1408	1451	2151	2694	2420	1758
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	231	231	235	240	242	245	252	250	247	247	247	244	240	236	242
13 CSPE PURCHASE	43	43	43	43	43	43	43	43	43	41	41	41	41	41	42
14 RENEWABLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
16 IMPORTS	35	35	30	37	81	99	114	121	111	54	54	44	53	40	68
17 CONTRACTS IN	708	708	667	698	753	836	901	879	799	749	749	652	681	696	752
18 LARGE THERMAL	350	350	350	350	350	350	350	350	350	350	350	186	350	350	336
19 NON-UTILITY GENERATION	226	226	156	82	41	41	42	44	65	183	183	274	288	262	142
20 TOTAL RESOURCES	3764	3177	2653	2851	3169	3419	3162	3479	2988	3050	3093	3607	4364	4056	3357
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
24 NET RESOURCES	3764	3173	2651	2846	3165	3419	3162	3479	2986	3047	3090	3595	4360	4056	3355
25 SURPLUS/DEFICIT	-810	-1401	-1892	-2112	-2298	-2392	-2847	-2205	-2451	-1993	-1950	-1092	-156	-500	-1752
26 BPA PSC DIVERSIFICATION	584	584	666	765	921	998	951	870	843	871	871	704	668	628	789
27 DEDICATED RESOURCES	3070	2485	2035	2249	2544	2729	2406	2741	2305	2378	2425	2982	3685	3370	2686
28 BPA PWR SALE CNTRCT PURCH	1166	1180	1145	1225	1493	1590	1723	1722	1424	1174	1167	1131	962	1020	1315
29 SURPLUS/DEFICIT W/PURCHASE	355	-221	-747	-887	-804	-802	-1124	-484	-1027	-819	-783	39	807	520	-437
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	355	-221	-747	-887	-804	-802	-1124	-484	-1027	-819	-783	39	807	520	-437
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	355	-221	-747	-887	-804	-802	-1124	-484	-1027	-819	-783	39	807	520	-437

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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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
LOADS	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1 SYSTEM LOADS	4316	4316	4347	4757	5343	5691	5896	5577	5330	4926	4926	4580	4362	4299	4952
2 EXPORTS	96	96	135	107	66	55	46	49	58	67	67	67	104	104	79
3 CONTRACTS OUT	234	234	138	170	122	127	127	124	123	123	123	125	132	132	140
4 TOTAL LOADS	4646	4646	4620	5034	5531	5873	6069	5750	5511	5116	5116	4772	4598	4535	5171
RESOURCES															
5 REGULATED HYDRO	2182	1601	1189	1409	1674	1773	1472	1814	1346	1359	1389	2114	2638	2401	1758
6 INDEPENDENT HYDRO	53	56	56	64	65	128	69	56	89	121	120	143	158	92	91
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58	-58
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
10 TOTAL HYDRO	2174	1596	1184	1412	1678	1840	1480	1809	1374	1419	1448	2196	2735	2432	1788
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	235	235	239	245	247	249	247	245	242	242	242	239	235	231	241
13 CSPE PURCHASE	0	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	0
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
16 IMPORTS	34	34	30	19	59	75	88	97	89	33	33	26	36	24	51
17 CONTRACTS IN	261	261	204	253	214	214	214	214	203	203	203	203	211	211	217
18 LARGE THERMAL	350	350	350	350	350	350	350	350	333	175	175	300	350	350	330
19 NON-UTILITY GENERATION	226	226	156	82	41	41	42	44	65	183	183	274	288	262	142
20 TOTAL RESOURCES	3298	2720	2181	2379	2607	2780	2439	2777	2324	2273	2302	3253	3872	3521	2786
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
24 NET RESOURCES	3298	2716	2179	2374	2603	2780	2439	2777	2322	2269	2298	3241	3868	3521	2783
25 SURPLUS/DEFICIT	-1348	-1930	-2441	-2660	-2928	-3093	-3630	-2974	-3189	-2847	-2818	-1531	-730	-1014	-2388
26 BPA PSC DIVERSIFICATION	616	615	673	746	910	989	955	874	845	853	853	724	689	633	792
27 DEDICATED RESOURCES	2857	2278	1821	2002	2258	2432	2083	2434	1997	1951	1983	2880	3468	3125	2420
28 BPA PWR SALE CNTRCT PURCH	1441	1459	1453	1493	1764	1865	1990	1989	1683	1452	1445	1352	1190	1261	1578
29 SURPLUS/DEFICIT W/PURCHASE	93	-470	-988	-1168	-1164	-1228	-1640	-985	-1506	-1395	-1373	-178	460	247	-810
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	93	-470	-988	-1168	-1164	-1228	-1640	-985	-1506	-1395	-1373	-178	460	247	-810
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	93	-470	-988	-1168	-1164	-1228	-1640	-985	-1506	-1395	-1373	-178	460	247	-810

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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	AUG	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	APR	MAY	JUN	JUL	12 MO
ENERGY IN AVERAGE MEGAWATTS	1-15	16-31								1-15	16-30				AVG
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LOADS															
1 SYSTEM LOADS	4492	4492	4526	4931	5504	5840	6038	5728	5493	5095	5095	4762	4541	4477	5119
2 EXPORTS	19	19	30	14	0	0	0	0	0	0	0	0	30	30	10
3 CONTRACTS OUT	131	131	123	121	123	128	128	125	124	124	124	126	133	133	127
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4 TOTAL LOADS	4642	4642	4679	5066	5627	5968	6166	5853	5617	5219	5219	4888	4704	4640	5256
RESOURCES															
5 REGULATED HYDRO	2360	1809	1378	1594	1880	2016	1685	2018	1486	1493	1483	2349	2862	2572	1951
6 INDEPENDENT HYDRO	53	56	56	64	65	128	69	56	89	121	120	143	158	92	91
7 CAN. ENT. RETURN (CSPE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 CAN. ENT. RETURN (CANADA)	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70	-70
9 RESTORATION	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3
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10 TOTAL HYDRO	2340	1792	1361	1585	1872	2071	1681	2001	1502	1541	1530	2419	2947	2591	1969
11 SMALL THERMAL & MISC	3	3	3	3	3	3	3	3	3	3	3	0	2	3	3
12 COMBUSTION TURBINES	228	228	231	237	239	241	251	249	246	246	246	243	239	235	240
13 CSPE PURCHASE	0	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	0
15 COGENERATION	15	15	15	15	15	8	15	15	15	15	15	15	15	8	14
16 IMPORTS	18	18	13	19	59	75	88	97	89	33	33	26	36	24	48
17 CONTRACTS IN	50	50	43	42	52	53	53	53	42	42	42	42	49	50	48
18 LARGE THERMAL	350	350	350	350	350	350	350	350	350	350	350	186	350	350	336
19 NON-UTILITY GENERATION	225	225	155	81	40	40	42	44	64	184	184	274	288	261	141
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20 TOTAL RESOURCES	3229	2681	2171	2332	2630	2841	2483	2812	2311	2414	2403	3205	3926	3522	2800
21 HYD SM THRM & MISC RESERVES	0	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	0
23 HYDRO MAINTENANCE	0	-4	-2	-5	-4	0	0	0	-2	-4	-4	-11	-3	0	-3
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24 NET RESOURCES	3229	2677	2169	2327	2626	2841	2483	2812	2309	2410	2399	3193	3922	3522	2797
25 SURPLUS/DEFICIT	-1414	-1965	-2510	-2739	-3001	-3127	-3683	-3041	-3308	-2809	-2820	-1695	-782	-1118	-2459
26 BPA PSC DIVERSIFICATION	616	615	673	746	910	989	955	874	845	853	853	724	689	633	792
27 DEDICATED RESOURCES	2677	2083	1638	1826	2073	2237	1910	2263	1865	1953	1997	2603	3298	2958	2252
28 BPA PWR SALE CNTRCT PURCH	1441	1459	1453	1493	1764	1865	1990	1989	1683	1452	1445	1352	1190	1261	1578
29 SURPLUS/DEFICIT W/PURCHASE	28	-506	-1057	-1246	-1236	-1262	-1693	-1053	-1625	-1357	-1375	-342	408	143	-881
30 EXTREME WEATHER ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31 SURPLUS/DEFICIT W/EXTRM WX	28	-506	-1057	-1246	-1236	-1262	-1693	-1053	-1625	-1357	-1375	-342	408	143	-881
32 BPA POSSIBLE EXTRM WX OBLG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 SURPLUS/DEFICIT AFTR BPA OB	28	-506	-1057	-1246	-1236	-1262	-1693	-1053	-1625	-1357	-1375	-342	408	143	-881