
Exhibits 8 – 17

Federal System Energy Surpluses and Deficits for 50 Historical Water Conditions

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Exhibit 8: OY 2001-02

*Federal 50 Water Year Surplus/Deficit
2001 - 2002 Operating Year*

10/1/2001

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
1929 Federal Surplus/Deficit	3215	481	112	1731	-80	359	-615	147	9.1	-538	140	-97	1662	1213	508
1930 Federal Surplus/Deficit	392	-47	139	1232	443	506	-575	-214	-159	230	2503	-542	-186	1413	300
1931 Federal Surplus/Deficit	1082	485	-304	1141	508	659	-1091	-1166	-173	1199	-374	1555	242	1551	343
1932 Federal Surplus/Deficit	620	-379	-418	1209	435	86	-1056	-81	2248	4403	3540	3554	3434	2404	1326
1933 Federal Surplus/Deficit	1375	947	448	1809	316	538	4395	2174	616	2860	442	2162	5649	5060	2165
1934 Federal Surplus/Deficit	3256	3479	1099	2767	1974	4294	6881	4829	3867	5733	4730	4138	1119	615	3349
1935 Federal Surplus/Deficit	-453	-1026	-231	973	34	211	3929	1479	1564	3457	1146	1526	2641	2545	1353
1936 Federal Surplus/Deficit	1629	-829	-119	1475	158	438	-167	301	390	65	3959	4101	1685	2131	1067
1937 Federal Surplus/Deficit	824	20	178	1260	237	387	-603	-281	-358	-666	-1157	1050	257	1179	235
1938 Federal Surplus/Deficit	950	160	380	1346	571	837	3321	847	3373	2891	2315	4284	3313	1767	1933
1939 Federal Surplus/Deficit	526	-680	27	1820	-9.2	264	-563	2102	1815	2284	2109	2003	-282	2601	991
1940 Federal Surplus/Deficit	1493	-162	147	1767	296	350	203	1150	3174	2283	2060	974	-807	1372	955
1941 Federal Surplus/Deficit	861	-388	516	1907	206	372	55	-173	847	-274	585	662	1384	622	566
1942 Federal Surplus/Deficit	456	-244	25	1815	584	2544	3262	1583	-23	1186	1053	1927	2293	3147	1532
1943 Federal Surplus/Deficit	3576	1381	706	1676	49	334	3445	3438	3396	5781	4563	4021	3696	3379	2649
1944 Federal Surplus/Deficit	3110	1659	124	1841	-25	369	-546	373	-421	-500	-172	334	693	578	447
1945 Federal Surplus/Deficit	634	-430	-387	1311	488	72	-999	-707	-133	-155	288	2442	2029	2273	546
1946 Federal Surplus/Deficit	1189	601	294	1207	130	1173	4195	1178	2654	2972	3500	4743	3559	2701	2164
1947 Federal Surplus/Deficit	2506	-304	712	1892	240	2552	5204	4316	2407	2596	2243	3731	3165	2378	2510
1948 Federal Surplus/Deficit	2326	203	490	3927	1434	1269	5300	3123	1567	1768	2948	6126	7712	4179	3229
1949 Federal Surplus/Deficit	3355	3635	1285	2174	85	267	2324	925	4945	3414	4023	3951	3049	368	2216
1950 Federal Surplus/Deficit	-670	-1273	31	1374	-116	1020	4122	3075	4241	4768	3477	3575	6394	4061	2577
1951 Federal Surplus/Deficit	2592	2001	695	2835	1919	3257	6048	5223	3882	4847	4179	4884	2477	3476	3459
1952 Federal Surplus/Deficit	3349	2216	653	3412	610	1763	4898	2545	2068	4955	4115	5566	3510	1999	2862
1953 Federal Surplus/Deficit	2381	-139	70	1464	41	480	305	5063	2967	962	900	2462	4156	3509	1881
1954 Federal Surplus/Deficit	3468	2052	752	2151	356	614	2797	5618	2219	2833	2068	4110	5454	4245	2794
1955 Federal Surplus/Deficit	4209	3132	3480	2725	961	736	2064	1507	-207	1531	1167	1141	4843	5285	2296
1956 Federal Surplus/Deficit	3224	2810	872	2558	1297	3151	6239	4305	4002	4259	5362	6337	6237	3653	3873
1957 Federal Surplus/Deficit	3669	2185	562	2273	0.8	986	1866	3962	2312	4893	1755	6065	4494	1810	2548
1958 Federal Surplus/Deficit	1373	10.0	196	1667	-34	342	1975	4966	1498	1600	2946	5029	3781	1522	1992
1959 Federal Surplus/Deficit	1287	199	186	2045	787	1763	5979	4405	2957	3128	1142	3401	4856	3619	2740
1960 Federal Surplus/Deficit	3402	1865	3334	4566	2288	2062	4807	1763	2558	6199	3176	1979	2703	2690	3006
1961 Federal Surplus/Deficit	2874	-108	433	2073	469	-25	3667	4902	2850	2762	316	4057	5417	2145	2409
1962 Federal Surplus/Deficit	2069	286	-5.5	1864	-104	149	3667	556	848	4001	3552	2251	1685	2990	1571
1963 Federal Surplus/Deficit	3226	1343	157	2508	947	1699	4136	2389	1019	1959	1462	1737	2781	2796	2014
1964 Federal Surplus/Deficit	2911	1158	1161	1787	-2.2	61	1722	3965	389	2622	664	2104	5560	4565	2083
1965 Federal Surplus/Deficit	3445	2654	1588	2780	513	3482	6814	4967	3958	2501	4390	4461	4294	2663	3501
1966 Federal Surplus/Deficit	3477	2317	741	2395	572	879	3274	2928	1002	4149	1434	1479	1034	3082	1923
1967 Federal Surplus/Deficit	3182	87	218	1719	-19	468	4742	4263	2342	2291	-580	2097	5045	4397	2314
1968 Federal Surplus/Deficit	3517	2302	940	2220	386	803	3994	4187	2795	258	217	250	2910	2860	2041
1969 Federal Surplus/Deficit	3815	2344	2253	2898	1405	1490	6085	4450	3294	4260	4497	5912	4202	2751	3516
1970 Federal Surplus/Deficit	1765	-685	173	2158	-34	158	1587	4166	1771	922	1115	2139	3354	1905	1578
1971 Federal Surplus/Deficit	1859	68	16	1609	-89	1159	5785	5681	3958	4565	3548	6170	5538	3996	3237
1972 Federal Surplus/Deficit	3806	3312	1306	2074	382	811	5544	5413	6964	5469	2211	5850	6383	4839	3914
1973 Federal Surplus/Deficit	3982	3533	1499	2212	99	1390	1868	1082	972	-429	-511	121	510	1734	1215
1974 Federal Surplus/Deficit	1407	-724	-266	1436	518	2922	7321	5840	5317	4810	4897	5646	7203	5493	3885
1975 Federal Surplus/Deficit	3356	2724	954	1648	-32	361	3168	3417	3884	2559	1356	2961	4531	4784	2556
1976 Federal Surplus/Deficit	1934	1258	440	2633	1637	4114	6232	4663	2705	5238	3318	5387	2800	4014	3375
1977 Federal Surplus/Deficit	5120	3968	4505	2073	-26	423	-259	681	-775	-720	126	148	347	599	997
1978 Federal Surplus/Deficit	549	-329	-707	1108	404	663	2697	915	3407	3570	1997	2653	1742	2530	1525
-Ranked Averages-															
Top Ten Percent	3139	2079	1151	2349	823	2371	6401	4995	4707	4260	4271	5641	5664	3880	3738
Middle Eighty Percent	2230	903	636	2040	450	1023	3017	2710	2109	2768	2061	3053	3239	2804	2089
Bottom Ten Percent	1725	520	50	1441	217	456	-686	-228	-220	-55	188	460	534	1187	367

Exhibit 9: OY 2002-03

*Federal 50 Water Year Surplus/Deficit
2002 - 2003 Operating Year*

10/1/2001

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
1929 Federal Surplus/Deficit	2986	878	451	947	-879	-462	-1455	-486	-598	-921	-241	-939	359	860	-71
1930 Federal Surplus/Deficit	798	469	473	448	-354	-315	-1417	-846	-765	-153	2123	-1382	-1489	1061	-247
1931 Federal Surplus/Deficit	1333	882	130	357	-290	-161	-1934	-1798	-780	816	-754	716	-1061	1200	-207
1932 Federal Surplus/Deficit	976	213	41	425	-362	-735	-1899	-714	1644	4023	3160	2716	2136	2055	791
1933 Federal Surplus/Deficit	1559	1240	712	1026	-481	-283	3556	1546	13	2480	57	1323	4353	4715	1596
1934 Federal Surplus/Deficit	3017	3201	1217	1986	1178	3477	6047	4205	3268	5358	4352	3304	-183	264	2727
1935 Federal Surplus/Deficit	142	-291	184	189	-763	-610	3090	851	962	3079	762	686	1341	2197	831
1936 Federal Surplus/Deficit	1757	-136	272	691	-640	-382	-1010	-329	-217	-318	3577	3264	386	1780	521
1937 Federal Surplus/Deficit	1133	521	503	476	-560	-434	-1445	-914	-965	-1049	-1540	209	-1046	827	-318
1938 Federal Surplus/Deficit	1230	629	659	562	-227	17	2481	218	2771	2511	1933	3448	2013	1417	1376
1939 Federal Surplus/Deficit	901	-22	386	1036	-808	-557	-1404	1472	1209	1901	1726	1165	-1585	2251	452
1940 Federal Surplus/Deficit	1652	381	478	984	-502	-471	-636	518	2569	1902	1679	135	-2109	1020	399
1941 Federal Surplus/Deficit	1161	205	764	1123	-592	-449	-787	-806	241	-658	204	-177	81	269	10
1942 Federal Surplus/Deficit	848	317	384	1032	-214	1726	2421	955	-628	803	672	1087	992	2798	989
1943 Federal Surplus/Deficit	3264	1575	911	892	-749	-488	2603	2808	2795	5403	4183	3185	2396	3030	2050
1944 Federal Surplus/Deficit	2903	1790	461	1057	-823	-452	-1386	-260	-1028	-883	-553	-507	-611	225	-141
1945 Federal Surplus/Deficit	985	173	64	527	-310	-749	-1843	-1340	-740	-538	-96	1602	727	1922	10
1946 Federal Surplus/Deficit	1415	971	592	423	-668	353	3355	549	2050	2592	3119	3908	2260	2352	1602
1947 Federal Surplus/Deficit	2436	271	916	1108	-558	1732	4365	3689	1806	2216	1862	2894	1867	2029	1937
1948 Federal Surplus/Deficit	2295	663	744	3146	637	449	4462	2495	964	1387	2567	5291	6419	3833	2658
1949 Federal Surplus/Deficit	3092	3321	1360	1391	-713	-554	1484	296	4341	3033	3644	3113	1749	16	1586
1950 Federal Surplus/Deficit	-24	-480	388	590	-915	199	3282	2447	3641	4388	3097	2738	5098	3714	2056
1951 Federal Surplus/Deficit	2502	2056	903	2053	1122	2437	5211	4598	3282	4468	3800	4049	1177	3128	2864
1952 Federal Surplus/Deficit	3088	2221	871	2630	-188	943	4059	1916	1466	4576	3735	4731	2211	1649	2258
1953 Federal Surplus/Deficit	2338	397	419	680	-757	-341	-538	4434	2365	583	516	1624	2857	3160	1319
1954 Federal Surplus/Deficit	3180	2094	946	1368	-442	-207	1957	4992	1618	2451	1684	3274	4158	3899	2189
1955 Federal Surplus/Deficit	3756	2933	3061	1943	164	-85	1224	877	-813	1151	784	301	3545	4941	1622
1956 Federal Surplus/Deficit	2992	2682	1041	1776	500	2332	5402	3680	3400	3879	4983	5503	4942	3305	3263
1957 Federal Surplus/Deficit	3335	2198	800	1490	-797	165	1027	3334	1707	4517	1372	5230	3196	1459	1943
1958 Federal Surplus/Deficit	1557	513	517	884	-832	-480	1135	4339	895	1218	2564	4193	2483	1170	1436
1959 Federal Surplus/Deficit	1491	660	509	1262	-11	943	5141	3780	2356	2749	759	2564	3560	3271	2184
1960 Federal Surplus/Deficit	3129	1950	2947	3787	1492	1243	3968	1136	1955	5823	2795	1141	1403	2342	2355
1961 Federal Surplus/Deficit	2719	421	700	1290	-328	-846	2827	4277	2248	2383	-68	3221	4122	1795	1836
1962 Federal Surplus/Deficit	2097	727	361	1081	-902	-672	2827	-72	244	3621	3171	1412	384	2639	1009
1963 Federal Surplus/Deficit	2993	1546	486	1726	149	880	3297	1761	415	1577	1081	897	1481	2447	1428
1964 Federal Surplus/Deficit	2749	1402	1263	1004	-800	-760	882	3338	-215	2239	280	1265	4263	4220	1483
1965 Federal Surplus/Deficit	3163	2561	1595	1998	-285	2662	5977	4341	3356	2119	4010	3625	2995	2314	2876
1966 Federal Surplus/Deficit	3187	2300	939	1612	-226	58	2435	2300	397	3769	1052	641	-265	2733	1315
1967 Federal Surplus/Deficit	2958	573	534	936	-817	-353	3903	3637	1742	1911	-965	1259	3748	4052	1740
1968 Federal Surplus/Deficit	3219	2288	1093	1437	-412	-18	3154	3560	2194	-123	-166	-591	1611	2512	1429
1969 Federal Surplus/Deficit	3449	2321	2110	2117	607	671	5247	3826	2691	3881	4119	5078	2904	2402	2878
1970 Federal Surplus/Deficit	1859	-27	496	1375	-832	-663	745	3536	1168	542	733	1299	2053	1555	1024
1971 Federal Surplus/Deficit	1935	558	377	825	-888	338	4946	5056	3355	4187	3167	5336	4241	3648	2680
1972 Federal Surplus/Deficit	3443	3071	1376	1291	-417	-11	4705	4788	6368	5092	1829	5015	5087	4494	3285
1973 Federal Surplus/Deficit	3579	3244	1526	1429	-699	568	826	452	367	-812	-893	-720	-792	1383	575
1974 Federal Surplus/Deficit	1584	-55	159	652	-280	2104	6486	5218	4715	4431	4517	4811	5908	5149	3347
1975 Federal Surplus/Deficit	3094	2617	1106	864	-831	-460	2329	2787	3283	2178	973	2122	3232	4438	1942
1976 Federal Surplus/Deficit	1992	1480	706	1850	840	3295	5396	4038	2104	4859	2937	4552	1499	3668	2798
1977 Federal Surplus/Deficit	4460	3580	3856	1291	-825	-398	-1100	48	-1382	-1104	-254	-692	-956	246	286
1978 Federal Surplus/Deficit	920	251	-183	324	-394	-159	1856	285	2803	3192	1616	1815	441	2181	997
-Ranked Averages-															
Top Ten Percent	2926	2116	1256	1567	25	1552	5564	4371	4106	3881	3892	4806	4367	3533	3129
Middle Eighty Percent	2221	1205	858	1257	-348	203	2177	2082	1506	2388	1679	2215	1940	2455	1508
Bottom Ten Percent	1830	908	404	657	-581	-365	-1527	-861	-827	-438	-193	-380	-770	834	-197

Exhibit 10: OY 2003-04

Federal 50 Water Year Surplus/Deficit
2003 - 2004 Operating Year

10/1/2001

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
1929 Federal Surplus/Deficit	2612	507	152	324	-1514	-1126	-2139	-1056	-1276	-1496	-814	-1133	540	282	-545
1930 Federal Surplus/Deficit	422	98	174	-176	-989	-979	-2103	-1416	-1443	-728	1552	-1574	-1309	484	-722
1931 Federal Surplus/Deficit	957	511	-170	-267	-925	-824	-2620	-2368	-1457	242	-1326	524	-881	623	-681
1932 Federal Surplus/Deficit	600	-158	-258	-199	-997	-1399	-2585	-1284	968	3452	2590	2525	2321	1480	318
1933 Federal Surplus/Deficit	1184	869	413	403	-1117	-948	2874	981	-661	1909	-518	1132	4540	4146	1124
1934 Federal Surplus/Deficit	2643	2833	919	1364	545	2816	5369	3643	2597	4791	3783	3116	0.1	-313	2257
1935 Federal Surplus/Deficit	-234	-662	-115	-434	-1398	-1274	2408	286	288	2511	188	494	1525	1624	359
1936 Federal Surplus/Deficit	1382	-508	-27	67	-1276	-1046	-1696	-897	-894	-892	3005	3074	570	1205	48
1937 Federal Surplus/Deficit	758	149	203	-148	-1195	-1097	-2130	-1484	-1642	-1624	-2114	16	-864	250	-792
1938 Federal Surplus/Deficit	853	258	360	-62	-862	-647	1797	-348	2097	1939	1359	3260	2197	843	903
1939 Federal Surplus/Deficit	525	-394	86	413	-1444	-1222	-2088	905	532	1328	1152	974	-1404	1676	-22
1940 Federal Surplus/Deficit	1278	9.3	178	360	-1137	-1135	-1319	-51	1893	1329	1107	-57	-1928	443	-74
1941 Federal Surplus/Deficit	785	-167	465	500	-1227	-1113	-1472	-1377	-436	-1233	-368	-369	262	-309	-464
1942 Federal Surplus/Deficit	472	-54	84	408	-849	1065	1737	389	-1304	228	99	895	1176	2225	517
1943 Federal Surplus/Deficit	2890	1204	611	269	-1385	-1153	1919	2241	2124	4833	3612	2997	2581	2456	1577
1944 Federal Surplus/Deficit	2528	1420	161	434	-1459	-1117	-2070	-830	-1706	-1458	-1126	-700	-431	-353	-616
1945 Federal Surplus/Deficit	609	-199	-235	-97	-945	-1413	-2530	-1910	-1418	-1113	-672	1410	910	1346	-464
1946 Federal Surplus/Deficit	1040	599	293	-202	-1303	-311	2671	-18	1376	2020	2547	3720	2445	1779	1129
1947 Federal Surplus/Deficit	2062	-101	617	485	-1194	1069	3683	3125	1134	1644	1289	2705	2052	1454	1465
1948 Federal Surplus/Deficit	1920	291	445	2525	2.9	-214	3779	1930	290	814	1994	5103	6611	3263	2187
1949 Federal Surplus/Deficit	2718	2953	1063	767	-1349	-1219	800	-271	3667	2461	3073	2922	1933	-560	1113
1950 Federal Surplus/Deficit	-401	-852	89	-35	-1551	-465	2599	1882	2970	3816	2525	2548	5287	3142	1584
1951 Federal Surplus/Deficit	2127	1688	604	1431	487	1775	4531	4034	2611	3898	3230	3861	1360	2556	2393
1952 Federal Surplus/Deficit	2714	1852	573	2009	-823	280	3377	1349	794	4005	3163	4544	2395	1075	1787
1953 Federal Surplus/Deficit	1963	24	119	57	-1392	-1005	-1224	3868	1693	13	-59	1433	3043	2587	846
1954 Federal Surplus/Deficit	2806	1723	647	745	-1077	-872	1274	4428	947	1877	1109	3086	4346	3328	1718
1955 Federal Surplus/Deficit	3384	2565	2766	1321	-471	-748	541	309	-1490	579	210	108	3730	4372	1151
1956 Federal Surplus/Deficit	2618	2313	742	1154	-135	1669	4722	3118	2727	3309	4414	5317	5131	2733	2792
1957 Federal Surplus/Deficit	2962	1828	501	867	-1433	-500	344	2768	1031	3949	797	5044	3383	883	1471
1958 Federal Surplus/Deficit	1181	141	217	260	-1468	-1145	451	3773	222	645	1991	4004	2668	594	963
1959 Federal Surplus/Deficit	1116	288	209	639	-646	279	4460	3217	1684	2178	186	2375	3747	2698	1712
1960 Federal Surplus/Deficit	2756	1579	2651	3167	859	580	3286	570	1282	5256	2224	949	1587	1769	1884
1961 Federal Surplus/Deficit	2345	49	401	667	-964	-1511	2144	3715	1576	1813	-643	3033	4311	1220	1364
1962 Federal Surplus/Deficit	1723	356	61	457	-1538	-1337	2144	-638	-432	3049	2599	1221	568	2064	536
1963 Federal Surplus/Deficit	2620	1175	187	1103	-486	217	2614	1194	-260	1003	509	705	1664	1873	955
1964 Federal Surplus/Deficit	2375	1031	965	380	-1436	-1425	199	2772	-890	1665	-296	1074	4451	3649	1010
1965 Federal Surplus/Deficit	2790	2191	1297	1377	-920	1999	5298	3778	2683	1546	3439	3436	3180	1740	2404
1966 Federal Surplus/Deficit	2814	1930	640	990	-861	-606	1752	1734	-278	3199	479	449	-81	2159	842
1967 Federal Surplus/Deficit	2584	201	235	312	-1452	-1017	3221	3074	1071	1339	-1541	1068	3935	3481	1268
1968 Federal Surplus/Deficit	2846	1918	794	814	-1047	-682	2471	2996	1522	-696	-740	-784	1795	1939	957
1969 Federal Surplus/Deficit	3075	1951	1813	1495	-27	7.3	4566	3264	2017	3311	3549	4891	3091	1828	2407
1970 Federal Surplus/Deficit	1484	-399	197	752	-1468	-1328	60	2969	495	-30	159	1107	2236	979	550
1971 Federal Surplus/Deficit	1560	186	77	201	-1524	-326	4263	4494	2682	3618	2596	5149	4428	3076	2208
1972 Federal Surplus/Deficit	3070	2702	1078	667	-1052	-675	4023	4226	5700	4524	1256	4828	5275	3925	2814
1973 Federal Surplus/Deficit	3207	2876	1229	806	-1335	-96	141	-116	-309	-1386	-1466	-913	-611	806	102
1974 Federal Surplus/Deficit	1208	-427	-141	27	-916	1442	5808	4657	4043	3861	3947	4624	6098	4579	2876
1975 Federal Surplus/Deficit	2721	2249	808	241	-1466	-1125	1646	2221	2612	1605	399	1932	3417	3868	1470
1976 Federal Surplus/Deficit	1617	1109	406	1227	206	2633	4716	3474	1431	4289	2366	4364	1682	3097	2327
1977 Federal Surplus/Deficit	4088	3213	3562	668	-1461	-1063	-1784	-523	-2060	-1679	-826	-884	-775	-331	-188
1978 Federal Surplus/Deficit	545	-120	-482	-300	-1030	-824	1171	-282	2128	2622	1043	1625	623	1607	523
-Ranked Averages-															
Top Ten Percent	2552	1746	958	944	-610	888	4883	3809	3434	3310	3321	4619	4555	2961	2659
Middle Eighty Percent	1847	835	559	634	-983	-461	1494	1516	832	1816	1106	2025	2125	1881	1035
Bottom Ten Percent	1456	537	104	33	-1217	-1029	-2212	-1431	-1505	-1013	-766	-573	-589	257	-671

Exhibit 11: OY 2004-05

*Federal 50 Water Year Surplus/Deficit
2004 - 2005 Operating Year*

10/1/2001

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
1929 Federal Surplus/Deficit	2038	-82	-426	419	-1427	-1048	-2168	-1208	-1295	-1513	-830	-1525	-227	277	-735
1930 Federal Surplus/Deficit	-156	-492	-405	-81	-901	-900	-2134	-1567	-1462	-746	1538	-1964	-2077	481	-912
1931 Federal Surplus/Deficit	380	-78	-748	-173	-837	-745	-2652	-2520	-1476	225	-1341	136	-1648	621	-871
1932 Federal Surplus/Deficit	23	-747	-837	-104	-910	-1321	-2617	-1435	952	3438	2576	2137	1558	1479	129
1933 Federal Surplus/Deficit	606	281	-165	498	-1029	-870	2847	835	-676	1894	-536	743	3780	4150	936
1934 Federal Surplus/Deficit	2067	2247	342	1460	634	2898	5346	3500	2586	4780	3771	2732	-765	-317	2071
1935 Federal Surplus/Deficit	-812	-1252	-694	-340	-1311	-1196	2380	139	273	2498	170	104	761	1624	170
1936 Federal Surplus/Deficit	807	-1097	-606	162	-1189	-967	-1727	-1046	-913	-910	2989	2686	-194	1202	-141
1937 Federal Surplus/Deficit	182	-440	-375	-53	-1107	-1019	-2161	-1636	-1661	-1642	-2132	-374	-1632	246	-982
1938 Federal Surplus/Deficit	276	-331	-219	32	-774	-569	1768	-495	2082	1924	1342	2874	1433	841	715
1939 Federal Surplus/Deficit	-53	-984	-492	507	-1357	-1144	-2117	757	514	1311	1135	586	-2171	1674	-212
1940 Federal Surplus/Deficit	702	-580	-400	456	-1049	-1057	-1348	-202	1877	1313	1091	-447	-2695	440	-264
1941 Federal Surplus/Deficit	208	-756	-114	596	-1140	-1035	-1502	-1528	-454	-1251	-383	-758	-505	-313	-654
1942 Federal Surplus/Deficit	-106	-643	-495	503	-762	1145	1708	242	-1320	210	84	505	411	2224	328
1943 Federal Surplus/Deficit	2315	615	33	364	-1298	-1076	1889	2093	2111	4821	3597	2611	1817	2455	1389
1944 Federal Surplus/Deficit	1952	831	-417	529	-1373	-1040	-2099	-982	-1725	-1476	-1142	-1091	-1199	-358	-806
1945 Federal Surplus/Deficit	31	-788	-814	-2.2	-857	-1334	-2563	-2061	-1437	-1130	-690	1020	145	1344	-654
1946 Federal Surplus/Deficit	463	10	-285	-107	-1216	-233	2642	-166	1360	2004	2532	3335	1681	1778	941
1947 Federal Surplus/Deficit	1486	-690	38	579	-1107	1148	3656	2979	1120	1629	1273	2318	1290	1453	1277
1948 Federal Surplus/Deficit	1343	-299	-133	2623	92	-136	3752	1783	275	798	1979	4718	5854	3265	2000
1949 Federal Surplus/Deficit	2143	2367	486	863	-1261	-1142	771	-418	3652	2445	3058	2534	1169	-563	925
1950 Federal Surplus/Deficit	-980	-1442	-490	59	-1465	-386	2571	1735	2958	3802	2510	2161	4527	3143	1396
1951 Federal Surplus/Deficit	1551	1101	26	1527	576	1854	4505	3890	2599	3885	3217	3475	595	2557	2207
1952 Federal Surplus/Deficit	2138	1264	-3.9	2106	-736	358	3349	1201	780	3991	3147	4159	1632	1074	1599
1953 Federal Surplus/Deficit	1386	-566	-460	151	-1305	-926	-1256	3720	1680	-1.1	-78	1045	2280	2587	657
1954 Federal Surplus/Deficit	2231	1135	69	841	-989	-794	1246	4283	934	1861	1091	2700	3587	3330	1530
1955 Federal Surplus/Deficit	2811	1980	2192	1418	-383	-670	513	160	-1508	565	192	-282	2968	4376	963
1956 Federal Surplus/Deficit	2043	1726	165	1250	-47	1749	4697	2974	2712	3295	4401	4934	4371	2733	2606
1957 Federal Surplus/Deficit	2386	1240	-77	963	-1346	-422	315	2620	1014	3939	778	4659	2621	881	1283
1958 Federal Surplus/Deficit	604	-449	-361	355	-1381	-1068	423	3627	207	628	1975	3618	1905	591	775
1959 Federal Surplus/Deficit	539	-301	-389	735	-559	358	4434	3073	1671	2163	168	1988	2987	2699	1525
1960 Federal Surplus/Deficit	2181	991	2076	3266	948	660	3259	424	1266	5246	2209	561	823	1770	1697
1961 Federal Surplus/Deficit	1768	-541	-178	762	-876	-1434	2116	3571	1562	1800	-662	2647	3552	1219	1177
1962 Federal Surplus/Deficit	1147	-233	-517	553	-1451	-1259	2116	-786	-449	3034	2584	833	-197	2063	348
1963 Federal Surplus/Deficit	2044	586	-392	1199	-398	296	2586	1047	-276	966	493	315	900	1873	767
1964 Federal Surplus/Deficit	1799	441	387	475	-1349	-1347	170	2626	-906	1648	-315	685	3690	3652	822
1965 Federal Surplus/Deficit	2215	1603	720	1473	-832	2078	5273	3634	2669	1530	3425	3050	2417	1739	2217
1966 Federal Surplus/Deficit	2239	1342	61	1086	-774	-528	1724	1588	-294	3185	463	61	-845	2158	654
1967 Federal Surplus/Deficit	2007	-388	-344	408	-1365	-939	3194	2929	1058	1325	-1561	679	3174	3484	1081
1968 Federal Surplus/Deficit	2271	1331	217	910	-960	-604	2442	2851	1509	-711	-757	-1175	1032	1939	769
1969 Federal Surplus/Deficit	2500	1364	1237	1591	61	86	4540	3121	2002	3298	3535	4507	2329	1827	2221
1970 Federal Surplus/Deficit	907	-988	-382	848	-1380	-1251	30	2820	480	-45	142	717	1471	978	362
1971 Federal Surplus/Deficit	983	-404	-502	296	-1437	-248	4236	4351	2667	3605	2582	4765	3666	3077	2021
1972 Federal Surplus/Deficit	2495	2116	500	763	-965	-598	3995	4082	5691	4513	1240	4444	4515	3929	2628
1973 Federal Surplus/Deficit	2633	2291	652	902	-1248	-18	111	-265	-327	-1403	-1483	-1304	-1377	803	-88
1974 Federal Surplus/Deficit	630	-1017	-720	122	-830	1522	5785	4516	4030	3848	3934	4239	5339	4583	2690
1975 Federal Surplus/Deficit	2146	1664	231	335	-1379	-1048	1617	2072	2599	1589	381	1544	2654	3870	1282
1976 Federal Surplus/Deficit	1040	520	-172	1322	294	2712	4690	3330	1417	4276	2350	3979	917	3100	2140
1977 Federal Surplus/Deficit	3515	2628	2989	764	-1374	-985	-1813	-674	-2079	-1696	-840	-1274	-1542	-335	-377
1978 Federal Surplus/Deficit	-32	-709	-1062	-206	-942	-746	1141	-431	2112	2609	1027	1238	-142	1607	335
-Ranked Averages-															
Top Ten Percent	1976	1159	380	1040	-523	967	4858	3665	3421	3297	3307	4235	3794	2962	2472
Middle Eighty Percent	1270	246	-19	729	-895	-383	1465	1368	817	1801	1090	1637	1361	1881	847
Bottom Ten Percent	879	-52	-474	128	-1129	-951	-2243	-1583	-1524	-1030	-781	-964	-1357	253	-861

Exhibit 12: OY 2005-06

*Federal 50 Water Year Surplus/Deficit
2005 - 2006 Operating Year*

10/1/2001

<i>Average Energy in Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
1929 Federal Surplus/Deficit	2037	-82	-424	418	-1454	-1062	-2482	-1526	-1635	-1778	-698	-1023	726	86	-720
1930 Federal Surplus/Deficit	-160	-491	-403	-84	-927	-914	-2450	-1885	-1802	-1010	1670	-1459	-1125	291	-896
1931 Federal Surplus/Deficit	377	-77	-747	-176	-864	-759	-2968	-2837	-1816	-39	-1209	641	-695	431	-855
1932 Federal Surplus/Deficit	20	-746	-835	-106	-936	-1335	-2933	-1753	614	3177	2709	2643	2515	1291	146
1933 Federal Surplus/Deficit	603	282	-163	496	-1055	-884	2534	522	-1012	1632	-408	1249	4739	3967	954
1934 Federal Surplus/Deficit	2066	2251	345	1460	609	2888	5038	3191	2253	4523	3906	3241	189	-507	2090
1935 Federal Surplus/Deficit	-817	-1251	-691	-342	-1337	-1210	2068	-174	-63	2240	299	608	1717	1438	187
1936 Federal Surplus/Deficit	804	-1097	-604	160	-1215	-981	-2044	-1361	-1253	-1175	3120	3193	762	1013	-125
1937 Federal Surplus/Deficit	179	-440	-373	-56	-1133	-1033	-2476	-1953	-2001	-1906	-2003	129	-679	55	-967
1938 Federal Surplus/Deficit	271	-330	-217	30	-800	-583	1455	-808	1746	1663	1472	3383	2389	654	732
1939 Federal Surplus/Deficit	-57	-985	-491	505	-1384	-1159	-2432	442	175	1047	1266	1092	-1218	1485	-196
1940 Federal Surplus/Deficit	699	-579	-398	454	-1075	-1072	-1661	-518	1538	1049	1223	58	-1742	250	-247
1941 Federal Surplus/Deficit	204	-756	-112	594	-1166	-1050	-1817	-1846	-793	-1516	-251	-252	448	-504	-638
1942 Federal Surplus/Deficit	-110	-643	-493	501	-788	1134	1394	-71	-1658	-54	215	1010	1367	2038	345
1943 Federal Surplus/Deficit	2313	616	34	362	-1325	-1091	1574	1778	1777	4561	3729	3120	2773	2267	1407
1944 Federal Surplus/Deficit	1950	832	-416	527	-1400	-1054	-2413	-1300	-2066	-1741	-1010	-588	-247	-549	-791
1945 Federal Surplus/Deficit	27	-788	-812	-4.6	-883	-1348	-2881	-2379	-1777	-1395	-562	1525	1099	1155	-639
1946 Federal Surplus/Deficit	459	11	-283	-110	-1242	-247	2328	-480	1024	1742	2665	3844	2638	1591	958
1947 Federal Surplus/Deficit	1483	-690	41	578	-1134	1135	3343	2667	786	1367	1404	2825	2247	1265	1295
1948 Federal Surplus/Deficit	1339	-299	-131	2624	67	-149	3439	1471	-61	535	2110	5228	6817	3081	2019
1949 Federal Surplus/Deficit	2141	2371	489	862	-1288	-1157	457	-732	3316	2182	3192	3041	2125	-753	942
1950 Federal Surplus/Deficit	-985	-1443	-488	56	-1493	-400	2258	1422	2625	3540	2642	2668	5487	2957	1414
1951 Federal Surplus/Deficit	1548	1104	29	1526	550	1841	4195	3579	2266	3625	3350	3984	1550	2372	2226
1952 Federal Surplus/Deficit	2137	1266	-0.7	2106	-782	345	3037	887	445	3730	3279	4669	2588	886	1617
1953 Federal Surplus/Deficit	1383	-566	-458	149	-1331	-940	-1573	3407	1345	-262	51	1551	3237	2401	674
1954 Federal Surplus/Deficit	2229	1136	71	840	-1015	-808	932	3973	599	1597	1221	3208	4547	3146	1549
1955 Federal Surplus/Deficit	2811	1984	2198	1417	-409	-684	199	-156	-1848	303	322	222	3926	4193	981
1956 Federal Surplus/Deficit	2041	1729	167	1250	-73	1736	4387	2664	2377	3034	4535	5444	5332	2547	2625
1957 Federal Surplus/Deficit	2385	1243	-75	961	-1373	-437	2.0	2307	676	3681	907	5169	3579	692	1301
1958 Federal Surplus/Deficit	600	-449	-359	353	-1407	-1083	109	3314	-129	365	2106	4126	2862	402	792
1959 Federal Surplus/Deficit	536	-301	-367	734	-585	345	4123	2763	1337	1902	298	2495	3946	2513	1543
1960 Federal Surplus/Deficit	2179	993	2082	3267	924	647	2947	111	930	4989	2341	1067	1779	1584	1716
1961 Federal Surplus/Deficit	1766	-541	-176	760	-902	-1448	1803	3262	1227	1540	-533	3155	4512	1031	1195
1962 Federal Surplus/Deficit	1144	-232	-515	551	-1478	-1274	1802	-1099	-787	2773	2716	1339	759	1875	364
1963 Federal Surplus/Deficit	2043	587	-390	1197	-424	283	2274	734	-613	723	625	820	1855	1686	784
1964 Federal Surplus/Deficit	1797	442	390	473	-1376	-1362	-144	2313	-1243	1384	-187	1190	4649	3468	840
1965 Federal Surplus/Deficit	2213	1605	724	1473	-859	2065	4963	3324	2334	1266	3558	3558	3374	1552	2236
1966 Federal Surplus/Deficit	2238	1344	63	1085	-800	-543	1411	1275	-631	2924	594	566	112	1971	672
1967 Federal Surplus/Deficit	2005	-388	-342	406	-1392	-954	2882	2818	724	1063	-1433	1185	4133	3301	1099
1968 Federal Surplus/Deficit	2269	1333	220	908	-987	-619	2128	2539	1174	-974	-627	-671	1988	1753	786
1969 Federal Surplus/Deficit	2499	1366	1241	1591	36	73	4228	2811	1666	3037	3669	5017	3287	1640	2240
1970 Federal Surplus/Deficit	904	-988	-380	847	-1407	-1266	-285	2505	145	-307	273	1222	2426	789	378
1971 Federal Surplus/Deficit	981	-404	-500	294	-1464	-263	3923	4042	2331	3346	2714	5275	4625	2891	2039
1972 Federal Surplus/Deficit	2494	2120	503	761	-992	-612	3682	3772	5361	4254	1371	4953	5475	3746	2647
1973 Federal Surplus/Deficit	2633	2295	655	900	-1274	-33	-204	-580	-665	-1668	-1352	-800	-424	613	-71
1974 Federal Surplus/Deficit	626	-1017	-718	119	-857	1510	5477	4208	3695	3588	4067	4748	6301	4400	2710
1975 Federal Surplus/Deficit	2144	1668	235	333	-1406	-1063	1304	1758	2265	1325	511	2050	3611	3686	1300
1976 Federal Surplus/Deficit	1037	521	-170	1321	268	2700	4380	3019	1082	4016	2482	4488	1872	2916	2159
1977 Federal Surplus/Deficit	3515	2633	2996	762	-1401	-1000	-2127	-992	-2419	-1961	-708	-770	-590	-526	-361
1978 Federal Surplus/Deficit	-36	-708	-1060	-209	-969	-761	826	-746	1775	2350	1158	1744	812	1420	351
-Ranked Averages-															
Top Ten Percent	1974	1161	383	1039	-549	954	4547	3356	3087	3036	3440	4744	4754	2777	2492
Middle Eighty Percent	1268	247	-17	728	-922	-397	1152	1055	481	1540	1221	2144	2318	1694	864
Bottom Ten Percent	876	-52	-473	126	-1155	-965	-2558	-1900	-1864	-1295	-650	-460	-404	63	-846

Exhibit 13: OY 2006-07

Federal 50 Water Year Surplus/Deficit
2006 - 2007 Operating Year

10/1/2001

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
1929 Federal Surplus/Deficit	1847	-275	-632	-940	-2935	-2567	-3948	-2985	-3011	-2689	-1621	-2019	-578	-1054	-1836
1930 Federal Surplus/Deficit	-353	-685	-611	-1442	-2407	-2418	-3919	-3343	-3178	-1921	749	-2453	-2429	-848	-2013
1931 Federal Surplus/Deficit	185	-271	-954	-1534	-2344	-2262	-4437	-4296	-3192	-949	-2130	-352	-1999	-707	-1972
1932 Federal Surplus/Deficit	-172	-939	-1043	-1465	-2416	-2839	-4402	-3211	-760	2270	1789	1651	1216	155	-970
1933 Federal Surplus/Deficit	410	89	-370	-861	-2536	-2388	1069	-931	-2385	724	-1333	256	3442	2836	-160
1934 Federal Surplus/Deficit	1875	2061	139	104	-869	1387	3577	1741	884	3619	2987	2253	-1112	-1645	978
1935 Federal Surplus/Deficit	-1010	-1445	-899	-1700	-2817	-2714	603	-1628	-1436	1334	-625	-385	416	303	-927
1936 Federal Surplus/Deficit	613	-1291	-811	-1198	-2696	-2484	-3513	-2817	-2629	-2086	2198	2202	-538	-124	-1241
1937 Federal Surplus/Deficit	-13	-633	-581	-1414	-2613	-2536	-3945	-3412	-3377	-2817	-2927	-865	-1982	-1084	-2084
1938 Federal Surplus/Deficit	78	-523	-424	-1328	-2281	-2087	-12	-2263	374	755	549	2393	1089	-483	-383
1939 Federal Surplus/Deficit	-251	-1180	-698	-853	-2865	-2663	-3899	-1013	-1200	137	342	100	-2521	348	-1312
1940 Federal Surplus/Deficit	508	-773	-606	-904	-2555	-2576	-3127	-1975	164	140	301	-935	-3045	-888	-1363
1941 Federal Surplus/Deficit	11	-950	-319	-763	-2647	-2554	-3284	-3305	-2168	-2428	-1173	-1246	-855	-1643	-1755
1942 Federal Surplus/Deficit	-303	-836	-701	-856	-2269	-368	-73	-1525	-3032	-965	-707	16	66	902	-770
1943 Federal Surplus/Deficit	2122	423	-173	-996	-2806	-2596	106	323	406	3655	2808	2130	1473	1131	292
1944 Federal Surplus/Deficit	1759	640	-623	-831	-2881	-2559	-3880	-2759	-3442	-2652	-1933	-1583	-1552	-1689	-1908
1945 Federal Surplus/Deficit	-166	-982	-1020	-1363	-2364	-2852	-4351	-3837	-3153	-2306	-1487	531	-202	18	-1755
1946 Federal Surplus/Deficit	266	-183	-491	-1468	-2723	-1751	862	-1935	-349	834	1743	2855	1339	456	-156
1947 Federal Surplus/Deficit	1292	-883	-166	-780	-2614	-368	1879	1214	-585	459	481	1834	949	129	180
1948 Federal Surplus/Deficit	1147	-493	-338	1269	-1413	-1653	1974	17	-1433	-375	1188	4239	5524	1949	906
1949 Federal Surplus/Deficit	1950	2180	283	-496	-2559	-2662	-1009	-2187	1943	1274	2271	2049	825	-1891	-173
1950 Federal Surplus/Deficit	-1179	-1637	-696	-1302	-2974	-1904	793	-32	1255	2633	1721	1676	4192	1823	300
1951 Federal Surplus/Deficit	1356	912	-178	170	-929	339	2732	2128	896	2719	2430	2995	250	1238	1112
1952 Federal Surplus/Deficit	1946	1074	-207	751	-2243	-1159	1572	-568	-927	2823	2358	3681	1289	-250	503
1953 Federal Surplus/Deficit	1190	-761	-666	-1209	-2812	-2444	-3042	1952	-26	-1169	-874	559	1938	1266	-441
1954 Federal Surplus/Deficit	2038	944	-137	-517	-2496	-2313	-534	2521	-771	687	296	2218	3251	2013	435
1955 Federal Surplus/Deficit	2622	1794	1995	61	-1888	-2187	-1267	-1612	-3223	-605	-602	-772	2628	3062	-133
1956 Federal Surplus/Deficit	1850	1537	-39	-107	-1552	233	2925	1214	1005	2127	3616	4457	4036	1413	1512
1957 Federal Surplus/Deficit	2194	1051	-282	-396	-2853	-1941	-1464	853	-699	2777	-18	4181	2281	-446	186
1958 Federal Surplus/Deficit	407	-643	-567	-1005	-2888	-2588	-1357	1861	-1501	-545	1183	3136	1564	-736	-323
1959 Federal Surplus/Deficit	343	-495	-575	-623	-2066	-1159	2659	1312	-34	995	-625	1504	2650	1378	430
1960 Federal Surplus/Deficit	1989	800	1878	1913	-554	-855	1482	-1342	-442	4086	1420	74	479	449	602
1961 Federal Surplus/Deficit	1574	-735	-383	-597	-2383	-2953	337	1811	-144	633	-1458	2165	3217	-106	81
1962 Federal Surplus/Deficit	953	-425	-723	-806	-2959	-2779	336	-2553	-2161	1865	1795	346	-542	738	-751
1963 Federal Surplus/Deficit	1852	394	-597	-160	-1904	-1220	808	-720	-1986	-187	-297	-174	554	550	-331
1964 Federal Surplus/Deficit	1606	248	183	-884	-2857	-2867	-1610	859	-2617	473	-1112	197	3353	2335	-275
1965 Federal Surplus/Deficit	2023	1413	518	117	-2339	562	3501	1873	962	357	2637	2568	2075	416	1122
1966 Federal Surplus/Deficit	2047	1152	-144	-272	-2281	-2047	-54	-179	-2005	2017	-329	-426	-1188	835	-443
1967 Federal Surplus/Deficit	1813	-582	-549	-952	-2872	-2458	1417	1167	-645	155	-2359	192	2835	2168	-15
1968 Federal Surplus/Deficit	2079	1140	13	-449	-2467	-2123	661	1087	-196	-1883	-1550	-1666	688	618	-328
1969 Federal Surplus/Deficit	2308	1174	1035	235	-1444	-1430	2764	1361	294	2131	2750	4029	1989	504	1127
1970 Federal Surplus/Deficit	712	-1182	-588	-511	-2887	-2771	-1753	1049	-1227	-1215	-651	228	1124	-348	-738
1971 Federal Surplus/Deficit	789	-599	-709	-1064	-2945	-1767	2458	2592	959	2440	1793	4286	3327	1756	925
1972 Federal Surplus/Deficit	2304	1929	297	-596	-2473	-2117	2217	2321	3995	3350	448	3965	4180	2615	1535
1973 Federal Surplus/Deficit	2444	2106	449	-457	-2755	-1537	-1671	-2036	-2040	-2579	-2275	-1795	-1727	-525	-1187
1974 Federal Surplus/Deficit	433	-1211	-926	-1239	-2338	8.4	4016	2760	2325	2682	3147	3759	5006	3269	1597
1975 Federal Surplus/Deficit	1954	1478	29	-1025	-2887	-2568	-162	303	896	416	-413	1057	2312	2553	186
1976 Federal Surplus/Deficit	845	329	-378	-36	-1212	1198	2917	1568	-289	3110	1561	3499	571	1783	1045
1977 Federal Surplus/Deficit	3326	2444	2794	-594	-2882	-2504	-3594	-2451	-3796	-2872	-1629	-1764	-1893	-1665	-1476
1978 Federal Surplus/Deficit	-228	-901	-1268	-1567	-2449	-2266	-641	-2201	401	1444	236	752	-489	284	-764
-Ranked Averages-															
Top Ten Percent	1784	968	177	-318	-2029	-549	3085	1908	1716	2129	2520	3755	3457	1643	1379
Middle Eighty Percent	1076	55	-224	-630	-2402	-1901	-314	-399	-892	632	298	1152	1018	558	-250
Bottom Ten Percent	685	-245	-680	-1232	-2636	-2468	-4026	-3359	-3240	-2206	-1572	-1454	-1708	-1076	-1962

Exhibit 14: OY 2007-08

*Federal 50 Water Year Surplus/Deficit
2007 - 2008 Operating Year*

10/1/2001

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
1929 Federal Surplus/Deficit	672	-1454	-1919	-1265	-3263	-2902	-3998	-2920	-3055	-2739	-1669	-1692	125	-1106	-2049
1930 Federal Surplus/Deficit	-1531	-1864	-1898	-1768	-2735	-2753	-3971	-3278	-3221	-1971	703	-2124	-1728	-899	-2225
1931 Federal Surplus/Deficit	-992	-1449	-2242	-1860	-2672	-2597	-4489	-4231	-3235	-998	-2178	-21	-1297	-757	-2184
1932 Federal Surplus/Deficit	-1349	-2117	-2330	-1790	-2743	-3174	-4454	-3146	-802	2223	1742	1982	1922	106	-1182
1933 Federal Surplus/Deficit	-767	-1088	-1657	-1186	-2864	-2723	1021	-862	-2425	678	-1384	587	4151	2792	-371
1934 Federal Surplus/Deficit	700	886	-1147	-220	-1196	1055	3532	1814	847	3576	2942	2587	-408	-1696	768
1935 Federal Surplus/Deficit	-2187	-2623	-2186	-2025	-3145	-3049	554	-1559	-1476	1290	-675	-56	1121	256	-1139
1936 Federal Surplus/Deficit	-563	-2469	-2098	-1524	-3024	-2819	-3565	-2749	-2673	-2135	2150	2533	166	-174	-1453
1937 Federal Surplus/Deficit	-1189	-1812	-1888	-1740	-2941	-2871	-3996	-3347	-3421	-2867	-2977	-537	-1280	-1135	-2296
1938 Federal Surplus/Deficit	-1099	-1701	-1711	-1654	-2608	-2422	-62	-2194	334	708	500	2726	1794	-532	-594
1939 Federal Surplus/Deficit	-1429	-2359	-1986	-1179	-3193	-2998	-3949	-945	-1244	88	293	430	-1819	299	-1524
1940 Federal Surplus/Deficit	-667	-1951	-1893	-1229	-2882	-2911	-3176	-1909	122	92	253	-606	-2343	-939	-1575
1941 Federal Surplus/Deficit	-1167	-2128	-1606	-1088	-2975	-2889	-3335	-3240	-2211	-2478	-1221	-916	-153	-1696	-1967
1942 Federal Surplus/Deficit	-1480	-2015	-1989	-1182	-2597	-700	-123	-1456	-3074	-1015	-755	346	771	854	-982
1943 Federal Surplus/Deficit	947	-755	-1461	-1321	-3134	-2932	55	390	368	3610	2761	2463	2178	1082	81
1944 Federal Surplus/Deficit	583	-538	-1911	-1157	-3209	-2943	-3930	-2695	-3486	-2702	-1981	-1255	-850	-1741	-2121
1945 Federal Surplus/Deficit	-1344	-2161	-2308	-1689	-2692	-3187	-4404	-3772	-3196	-2355	-1538	861	501	-32	-1968
1946 Federal Surplus/Deficit	-911	-1361	-1778	-1795	-3051	-2086	811	-1867	-390	786	1696	3188	2045	407	-367
1947 Federal Surplus/Deficit	116	-2062	-1454	-1106	-2943	-703	1830	1285	-624	412	433	2166	1655	80	-30
1948 Federal Surplus/Deficit	-30	-1672	-1625	947	-1740	-1987	1926	86	-1473	-423	1140	4572	6235	1903	696
1949 Federal Surplus/Deficit	775	1005	-1003	-821	-3097	-2998	-1059	-2119	1902	1226	2224	2379	1530	-1942	-384
1950 Federal Surplus/Deficit	-2357	-2817	-1984	-1629	-3304	-2239	743	37	1218	2585	1674	2008	4901	1776	89
1951 Federal Surplus/Deficit	180	-264	-1465	-155	-1256	5.1	2685	2199	859	2673	2384	3328	954	1191	903
1952 Federal Surplus/Deficit	771	-103	-1493	427	-2571	-1493	1523	-500	-966	2777	2310	4015	1995	-299	293
1953 Federal Surplus/Deficit	14	-1941	-1954	-1535	-3140	-2779	-3095	2020	-65	-1215	-925	889	2644	1218	-652
1954 Federal Surplus/Deficit	863	-234	-1424	-843	-2824	-2648	-583	2592	-809	638	246	2551	3960	1967	225
1955 Federal Surplus/Deficit	1449	620	712	-263	-2216	-2522	-1316	-1545	-3266	-652	-652	-443	3334	3018	-344
1956 Federal Surplus/Deficit	675	361	-1326	-431	-1880	-101	2878	1286	965	2081	3570	4791	4745	1365	1303
1957 Federal Surplus/Deficit	1019	-126	-1569	-721	-3182	-2276	-1513	922	-741	2734	-68	4515	2988	-496	-24
1958 Federal Surplus/Deficit	-771	-1822	-1854	-1331	-3216	-2924	-1407	1930	-1541	-594	1134	3469	2270	-787	-535
1959 Federal Surplus/Deficit	-833	-1674	-1862	-949	-2394	-1493	2611	1383	-72	948	-674	1836	3358	1331	219
1960 Federal Surplus/Deficit	814	-378	594	1591	-881	-1189	1434	-1273	-482	4044	1372	404	1184	402	393
1961 Federal Surplus/Deficit	398	-1914	-1671	-922	-2711	-3289	288	1883	-183	588	-1508	2499	3927	-155	-129
1962 Federal Surplus/Deficit	-223	-1603	-2010	-1131	-3287	-3114	286	-2484	-2203	1818	1747	677	163	688	-962
1963 Federal Surplus/Deficit	677	-784	-1884	-484	-2232	-1554	760	-652	-2027	-236	-344	156	1259	502	-542
1964 Federal Surplus/Deficit	431	-830	-1104	-1210	-3185	-3203	-1659	929	-2658	424	-1163	527	4060	2290	-486
1965 Federal Surplus/Deficit	848	236	-768	-207	-2667	227	3454	1944	923	308	2591	2900	2781	368	912
1966 Federal Surplus/Deficit	873	-25	-1431	-597	-2609	-2382	-103	-109	-2046	1971	-378	-96	-483	787	-654
1967 Federal Surplus/Deficit	637	-1760	-1836	-1277	-3201	-2793	1369	1238	-683	108	-2411	522	3543	2124	-226
1968 Federal Surplus/Deficit	904	-37	-1273	-774	-2795	-2458	612	1157	-235	-1930	-1600	-1338	1393	570	-539
1969 Federal Surplus/Deficit	1133	-2.2	-250	90	-1771	-1765	2716	1434	253	2085	2704	4363	2696	456	917
1970 Federal Surplus/Deficit	-464	-2360	-1875	-836	-3215	-3107	-1804	1116	-1267	-1262	-699	557	1828	-397	-949
1971 Federal Surplus/Deficit	-387	-1778	-1996	-1390	-3274	-2102	2409	2664	919	2395	1746	4620	4035	1709	715
1972 Federal Surplus/Deficit	1130	753	-990	-922	-2801	-2452	2168	2393	3960	3305	399	4298	4888	2571	1326
1973 Federal Surplus/Deficit	1270	931	-837	-782	-3083	-1873	-1722	-1969	-2082	-2628	-2324	-1467	-1024	-576	-1399
1974 Federal Surplus/Deficit	-744	-2391	-2214	-1565	-2666	-325	3971	2834	2286	2636	3101	4093	5715	3225	1388
1975 Federal Surplus/Deficit	779	303	-1257	-1350	-3216	-2904	-211	371	857	368	-463	1388	3018	2508	-25
1976 Federal Surplus/Deficit	-331	-849	-1865	-361	-1539	864	2870	1639	-328	3064	1513	3832	1275	1738	835
1977 Federal Surplus/Deficit	2153	1270	1512	-919	-3210	-2840	-3644	-2386	-3840	-2922	-1676	-1435	-1192	-1717	-1688
1978 Federal Surplus/Deficit	-1405	-2080	-2556	-1893	-2777	-2602	-692	-2134	360	1399	187	1084	214	236	-976
-Ranked Averages-															
Top Ten Percent	608	-208	-1110	-643	-2357	-883	3038	1978	1677	2083	2473	4089	4165	1597	1169
Middle Eighty Percent	-100	-1123	-1510	-955	-2730	-2236	-364	-330	-932	584	250	1484	1724	510	-461
Bottom Ten Percent	-491	-1423	-1968	-1558	-2964	-2803	-4077	-3294	-3284	-2255	-1620	-1126	-1006	-1128	-2175

Exhibit 15: OY 2008-09

*Federal 50 Water Year Surplus/Deficit
2008 - 2009 Operating Year*

10/1/2001

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
1929 Federal Surplus/Deficit	621	-1501	-1975	-1315	-3323	-2981	-4070	-3111	-3119	-2800	-1710	-2108	-664	-1145	-2209
1930 Federal Surplus/Deficit	-1584	-1911	-1954	-1818	-2794	-2832	-4043	-3468	-3286	-2032	663	-2539	-2517	-937	-2385
1931 Federal Surplus/Deficit	-1044	-1495	-2298	-1911	-2731	-2676	-4562	-4421	-3299	-1059	-2218	-436	-2086	-795	-2344
1932 Federal Surplus/Deficit	-1401	-2164	-2386	-1841	-2803	-3253	-4527	-3337	-866	2164	1702	1568	1135	69	-1341
1933 Federal Surplus/Deficit	-820	-1135	-1713	-1236	-2924	-2803	949	-1050	-2487	618	-1426	172	3365	2758	-529
1934 Federal Surplus/Deficit	648	840	-1203	-269	-1255	977	3462	1627	786	3518	2902	2174	-1196	-1734	610
1935 Federal Surplus/Deficit	-2240	-2670	-2242	-2076	-3204	-3128	483	-1747	-1538	1231	-717	-472	334	220	-1297
1936 Federal Surplus/Deficit	-615	-2517	-2154	-1574	-3084	-2898	-3638	-2938	-2737	-2196	2109	2119	-621	-211	-1612
1937 Federal Surplus/Deficit	-1242	-1859	-1924	-1790	-3000	-2950	-4069	-3537	-3485	-2928	-3019	-952	-2068	-1174	-2456
1938 Federal Surplus/Deficit	-1152	-1748	-1767	-1704	-2668	-2501	-134	-2382	271	648	458	2312	1006	-569	-753
1939 Federal Surplus/Deficit	-1482	-2407	-2042	-1229	-3253	-3078	-4021	-1134	-1308	27	251	16	-2608	262	-1683
1940 Federal Surplus/Deficit	-720	-1998	-1949	-1279	-2942	-2990	-3248	-2099	58	31	212	-1021	-3131	-977	-1735
1941 Federal Surplus/Deficit	-1219	-2176	-1663	-1138	-3035	-2968	-3408	-3430	-2275	-2539	-1262	-1330	-942	-1734	-2127
1942 Federal Surplus/Deficit	-1533	-2062	-2046	-1232	-2657	-779	-195	-1645	-3138	-1076	-796	-70	-17	818	-1141
1943 Federal Surplus/Deficit	895	-802	-1517	-1371	-3194	-3012	-17	201	306	3551	2720	2050	1391	1045	-78
1944 Federal Surplus/Deficit	531	-585	-1967	-1207	-3269	-2974	-4002	-2885	-3550	-2763	-2022	-1671	-1639	-1780	-2280
1945 Federal Surplus/Deficit	-1397	-2208	-2364	-1739	-2751	-3266	-4477	-3963	-3261	-2416	-1580	445	-287	-70	-2128
1946 Federal Surplus/Deficit	-963	-1408	-1834	-1845	-3111	-2165	739	-2056	-453	726	1655	2775	1258	371	-526
1947 Federal Surplus/Deficit	64	-2109	-1510	-1156	-3003	-782	1759	1097	-686	352	392	1751	868	43	-189
1948 Federal Surplus/Deficit	-83	-1719	-1681	898	-1799	-2066	1854	-102	-1536	-483	1099	4159	5450	1868	538
1949 Federal Surplus/Deficit	723	960	-1058	-871	-3157	-3078	-1131	-2307	1839	1165	2184	1965	743	-1979	-543
1950 Federal Surplus/Deficit	-2411	-2864	-2040	-1679	-3364	-2318	672	-152	1156	2525	1633	1594	4115	1740	-70
1951 Federal Surplus/Deficit	128	-309	-1520	-204	-1316	-74	2614	2011	797	2613	2344	2915	166	1155	744
1952 Federal Surplus/Deficit	719	-149	-1549	378	-2631	-1572	1452	-689	-1028	2717	2269	3602	1208	-336	134
1953 Federal Surplus/Deficit	-39	-1988	-2010	-1585	-3200	-2859	-3168	1832	-127	-1274	-967	475	1857	1182	-811
1954 Federal Surplus/Deficit	811	-280	-1480	-892	-2883	-2728	-655	2404	-871	577	204	2137	3174	1932	66
1955 Federal Surplus/Deficit	1398	575	657	-312	-2275	-2601	-1388	-1734	-3330	-711	-693	-858	2548	2984	-502
1956 Federal Surplus/Deficit	623	315	-1382	-481	-1939	-180	2807	1099	902	2021	3530	4378	3960	1329	1145
1957 Federal Surplus/Deficit	967	-172	-1625	-770	-3242	-2356	-1585	733	-804	2676	-110	4102	2202	-533	-183
1958 Federal Surplus/Deficit	-824	-1870	-1910	-1381	-3276	-3003	-1479	1742	-1603	-654	1093	3055	1483	-825	-694
1959 Federal Surplus/Deficit	-886	-1721	-1918	-998	-2453	-1572	2540	1196	-134	888	-716	1422	2573	1295	61
1960 Federal Surplus/Deficit	762	-424	539	1543	-940	-1268	1363	-1461	-545	3986	1332	-11	396	366	234
1961 Federal Surplus/Deficit	346	-1962	-1727	-972	-2770	-3368	216	1696	-245	529	-1551	2085	3141	-192	-288
1962 Federal Surplus/Deficit	-275	-1650	-2066	-1181	-3347	-3194	215	-2673	-2266	1758	1707	262	-625	651	-1121
1963 Federal Surplus/Deficit	626	-830	-1941	-534	-2291	-1633	688	-840	-2090	-297	-385	-259	471	466	-701
1964 Federal Surplus/Deficit	379	-977	-1159	-1260	-3245	-3282	-1731	741	-2721	363	-1206	112	3274	2255	-645
1965 Federal Surplus/Deficit	796	190	-824	-256	-2726	148	3384	1757	860	248	2550	2487	1994	332	754
1966 Federal Surplus/Deficit	821	-72	-1487	-647	-2668	-2461	-175	-297	-2110	1911	-419	-511	-1270	750	-813
1967 Federal Surplus/Deficit	585	-1807	-1892	-1327	-3260	-2872	1297	1050	-745	49	-2453	108	2757	2089	-384
1968 Federal Surplus/Deficit	853	-83	-1329	-824	-2855	-2538	539	969	-297	-1990	-1641	-1753	607	534	-698
1969 Federal Surplus/Deficit	1082	-48	-305	-139	-1831	-1844	2645	1247	191	2026	2664	3950	1910	419	759
1970 Federal Surplus/Deficit	-516	-2407	-1931	-885	-3275	-3186	-1876	927	-1330	-1322	-741	142	1040	-434	-1109
1971 Federal Surplus/Deficit	-440	-1825	-2053	-1440	-3334	-2182	2337	2477	856	2336	1706	4207	3248	1673	557
1972 Federal Surplus/Deficit	1078	708	-1046	-972	-2861	-2532	2097	2206	3899	3247	358	3885	4102	2536	1168
1973 Federal Surplus/Deficit	1219	886	-893	-832	-3143	-1952	-1795	-2158	-2146	-2689	-2365	-1883	-1812	-613	-1558
1974 Federal Surplus/Deficit	-797	-2438	-2270	-1616	-2726	-404	3901	2647	2224	2576	3061	3680	4930	3191	1230
1975 Federal Surplus/Deficit	728	258	-1312	-1400	-3276	-2983	-283	182	796	307	-505	973	2231	2473	-184
1976 Federal Surplus/Deficit	-384	-896	-1722	-411	-1598	785	2799	1452	-390	3005	1472	3419	487	1703	677
1977 Federal Surplus/Deficit	2102	1225	1458	-969	-3270	-2919	-3716	-2576	-3904	-2983	-1717	-1850	-1980	-1755	-1847
1978 Federal Surplus/Deficit	-1458	-2126	-2613	-1943	-2837	-2682	-765	-2323	297	1339	146	669	-574	199	-1135
-Ranked Averages-															
Top Ten Percent	556	-255	-1165	-693	-2417	-962	2967	1791	1615	2023	2433	3676	3379	1561	1011
Middle Eighty Percent	-152	-1170	-1566	-1005	-2790	-2315	-436	-519	-995	524	209	1069	937	473	-620
Bottom Ten Percent	-544	-1470	-2024	-1608	-3024	-2883	-4149	-3484	-3348	-2316	-1661	-1541	-1795	-1166	-2335

Exhibit 16: OY 2009-10

*Federal 50 Water Year Surplus/Deficit
2009 - 2010 Operating Year*

10/1/2001

<i>Average Energy In Megawatts</i>	<i>Aug1</i>	<i>Aug16</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr1</i>	<i>Apr16</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Avg</i>
1929 Federal Surplus/Deficit	583	-1538	-2010	-1350	-3372	-3034	-4126	-3164	-3170	-2845	-1755	-1775	35	-1195	-2162
1930 Federal Surplus/Deficit	-1622	-1949	-1988	-1853	-2843	-2885	-4099	-3521	-3336	-2077	618	-2206	-1818	-988	-2338
1931 Federal Surplus/Deficit	-1082	-1533	-2332	-1945	-2780	-2728	-4618	-4474	-3350	-1105	-2263	-103	-1387	-846	-2296
1932 Federal Surplus/Deficit	-1439	-2201	-2420	-1875	-2651	-3306	-4582	-3390	-916	2118	1657	1901	1834	18	-1293
1933 Federal Surplus/Deficit	-857	-1173	-1747	-1271	-2972	-2855	894	-1103	-2538	572	-1471	505	4063	2707	-482
1934 Federal Surplus/Deficit	610	803	-1237	-304	-1303	925	3407	1574	736	3473	2857	2507	-497	-1785	658
1935 Federal Surplus/Deficit	-2278	-2708	-2276	-2110	-3253	-3181	427	-1801	-1589	1186	-762	-139	1033	169	-1250
1936 Federal Surplus/Deficit	-652	-2554	-2189	-1609	-3133	-2951	-3693	-2992	-2788	-2241	2064	2452	78	-262	-1565
1937 Federal Surplus/Deficit	-1279	-1897	-1959	-1824	-3049	-3003	-4124	-3591	-3535	-2973	-3064	-619	-1370	-1224	-2409
1938 Federal Surplus/Deficit	-1190	-1786	-1802	-1739	-2717	-2554	-189	-2436	221	603	413	2645	1705	-619	-705
1939 Federal Surplus/Deficit	-1519	-2444	-2076	-1263	-3302	-3130	-4077	-1188	-1358	-18	206	349	-1909	211	-1636
1940 Federal Surplus/Deficit	-757	-2036	-1984	-1314	-2991	-3043	-3303	-2153	8.1	-14	167	-688	-2432	-1028	-1687
1941 Federal Surplus/Deficit	-1257	-2213	-1697	-1173	-3083	-3021	-3463	-3484	-2325	-2584	-1307	-998	-243	-1785	-2079
1942 Federal Surplus/Deficit	-1571	-2099	-2080	-1266	-2705	-831	-251	-1698	-3188	-1121	-841	263	682	767	-1094
1943 Federal Surplus/Deficit	857	-840	-1551	-1406	-3242	-3064	-73	148	256	3505	2675	2382	2090	995	-31
1944 Federal Surplus/Deficit	493	-622	-2002	-1241	-3318	-3027	-4057	-2939	-3601	-2809	-2067	-1338	-941	-1830	-2233
1945 Federal Surplus/Deficit	-1434	-2246	-2399	-1774	-2800	-3319	-4533	-4016	-3311	-2461	-1625	778	412	-120	-2080
1946 Federal Surplus/Deficit	-1001	-1446	-1868	-1880	-3159	-2218	684	-2109	-503	680	1610	3108	1957	320	-479
1947 Federal Surplus/Deficit	27	-2147	-1544	-1191	-3051	-834	1703	1043	-736	307	347	2084	1567	-7.9	-142
1948 Federal Surplus/Deficit	-120	-1757	-1716	863	-1848	-2119	1799	-155	-1586	-528	1053	4492	6148	1818	585
1949 Federal Surplus/Deficit	685	922	-1093	-905	-3206	-3130	-1186	-2361	1789	1120	2139	2298	1441	-2030	-496
1950 Federal Surplus/Deficit	-2448	-2902	-2074	-1714	-3412	-2371	616	-205	1106	2480	1588	1927	4814	1689	-22
1951 Federal Surplus/Deficit	90	-347	-1555	-239	-1365	-127	2559	1958	747	2568	2299	3248	865	1105	792
1952 Federal Surplus/Deficit	681	-187	-1583	343	-2680	-1625	1396	-742	-1078	2672	2224	3934	1906	-387	182
1953 Federal Surplus/Deficit	-77	-2026	-2044	-1620	-3248	-2911	-3223	1778	-177	-1319	-1013	808	2556	1131	-764
1954 Federal Surplus/Deficit	773	-318	-1514	-927	-2932	-2780	-710	2351	-922	532	159	2470	3873	1881	114
1955 Federal Surplus/Deficit	1360	537	623	-347	-2324	-2654	-1443	-1787	-3380	-757	-739	-525	3246	2933	-455
1956 Federal Surplus/Deficit	585	277	-1416	-516	-1988	-233	2752	1045	852	1976	3485	4711	4658	1278	1192
1957 Federal Surplus/Deficit	929	-210	-1659	-805	-3290	-2408	-1640	680	-855	2630	-155	4435	2900	-584	-136
1958 Federal Surplus/Deficit	-861	-1907	-1945	-1416	-3324	-3056	-1534	1688	-1654	-700	1048	3388	2182	-876	-646
1959 Federal Surplus/Deficit	-924	-1758	-1953	-1033	-2502	-1625	2485	1142	-185	843	-761	1755	3271	1244	108
1960 Federal Surplus/Deficit	724	-462	505	1508	-988	-1320	1307	-1514	-596	3940	1287	322	1095	315	282
1961 Federal Surplus/Deficit	308	-1999	-1761	-1007	-2819	-3421	161	1642	-296	483	-1596	2418	3840	-243	-241
1962 Federal Surplus/Deficit	-313	-1687	-2101	-1216	-3396	-3246	159	-2726	-2317	1713	1661	595	74	601	-1074
1963 Federal Surplus/Deficit	588	-868	-1975	-569	-2340	-1686	633	-894	-2141	-342	-430	74	1170	415	-653
1964 Federal Surplus/Deficit	341	-1015	-1194	-1294	-3294	-3335	-1787	687	-2771	318	-1251	445	3973	2204	-597
1965 Federal Surplus/Deficit	758	152	-858	-291	-2775	95	3328	1703	810	203	2505	2819	2693	281	801
1966 Federal Surplus/Deficit	783	-109	-1522	-681	-2717	-2514	-230	-351	-2160	1866	-464	-178	-571	699	-766
1967 Federal Surplus/Deficit	547	-1845	-1926	-1362	-3309	-2925	1242	997	-795	3.5	-2498	441	3456	2038	-337
1968 Federal Surplus/Deficit	815	-120	-1364	-858	-2904	-2590	484	916	-347	-2036	-1686	-1420	1305	483	-651
1969 Federal Surplus/Deficit	1044	-86	-340	-174	-1879	-1896	2590	1194	140	1980	2619	4283	2609	368	806
1970 Federal Surplus/Deficit	-554	-2445	-1965	-920	-3324	-3239	-1932	874	-1380	-1368	-786	475	1739	-485	-1061
1971 Federal Surplus/Deficit	-477	-1863	-2087	-1475	-3382	-2234	2282	2424	806	2290	1661	4540	3947	1622	604
1972 Federal Surplus/Deficit	1040	670	-1080	-1006	-2910	-2585	2041	2153	3849	3201	313	4218	4801	2485	1215
1973 Federal Surplus/Deficit	1181	848	-927	-867	-3192	-2005	-1850	-2211	-2196	-2734	-2410	-1550	-1114	-664	-1511
1974 Federal Surplus/Deficit	-835	-2476	-2305	-1650	-2775	-456	3846	2594	2173	2531	3016	4013	5629	3140	1277
1975 Federal Surplus/Deficit	690	220	-1347	-1435	-3325	-3036	-338	129	745	262	-550	1306	2930	2422	-136
1976 Federal Surplus/Deficit	-422	-934	-1756	-446	-1647	733	2744	1398	-441	2960	1427	3752	1186	1652	724
1977 Federal Surplus/Deficit	2064	1187	1423	-1004	-3319	-2972	-3771	-2630	-3954	-3028	-1762	-1517	-1282	-1806	-1800
1978 Federal Surplus/Deficit	-1495	-2164	-2647	-1978	-2886	-2734	-820	-2377	246	1294	101	1002	125	148	-1088
-Ranked Averages-															
Top Ten Percent	519	-292	-1200	-727	-2465	-1015	2911	1738	1565	1978	2388	4009	4078	1511	1058
Middle Eighty Percent	-190	-1207	-1601	-1039	-2838	-2368	-491	-572	-1046	479	163	1402	1635	423	-573
Bottom Ten Percent	-581	-1508	-2058	-1643	-3072	-2935	-4205	-3538	-3398	-2362	-1706	-1208	-1096	-1217	-2287

Exhibit 17: OY 2010-11

Federal 50 Water Year Surplus/Deficit
2010 - 2011 Operating Year

10/1/2001

Average Energy in Megawatts	Aug1	Aug16	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr1	Apr16	May	Jun	Jul	Avg
1929 Federal Surplus/Deficit	536	-1599	-2060	-1404	-3432	-3097	-4189	-3226	-3225	-2898	-1802	-2196	-762	-1243	-2310
1930 Federal Surplus/Deficit	-1669	-2009	-2039	-1907	-2903	-2948	-4162	-3583	-3391	-2130	571	-2627	-2615	-1035	-2486
1931 Federal Surplus/Deficit	-1129	-1593	-2383	-1999	-2840	-2792	-4681	-4536	-3404	-1157	-2310	-524	-2184	-893	-2444
1932 Federal Surplus/Deficit	-1486	-2262	-2471	-1929	-2911	-3369	-4646	-3452	-971	2066	1610	1480	1037	-29	-1441
1933 Federal Surplus/Deficit	-904	-1233	-1798	-1325	-3032	-2919	830	-1165	-2593	520	-1518	84	3267	2660	-630
1934 Federal Surplus/Deficit	563	743	-1288	-358	-1363	861	3344	1512	681	3420	2810	2086	-1294	-1832	510
1935 Federal Surplus/Deficit	-2325	-2768	-2327	-2164	-3313	-3244	364	-1862	-1643	1134	-809	-559	236	122	-1398
1936 Federal Surplus/Deficit	-699	-2614	-2239	-1663	-3193	-3014	-3757	-3054	-2843	-2294	2017	2031	-719	-309	-1713
1937 Federal Surplus/Deficit	-1326	-1957	-2009	-1879	-3109	-3066	-4188	-3652	-3590	-3025	-3111	-1040	-2167	-1272	-2557
1938 Federal Surplus/Deficit	-1237	-1846	-1852	-1793	-2777	-2617	-252	-2497	166	550	366	2224	908	-667	-853
1939 Federal Surplus/Deficit	-1566	-2504	-2127	-1317	-3362	-3194	-4140	-1250	-1413	-71	159	-72	-2706	163	-1784
1940 Federal Surplus/Deficit	-804	-2096	-2034	-1368	-3051	-3106	-3367	-2214	-47	-66	120	-1109	-3229	-1075	-1835
1941 Federal Surplus/Deficit	-1304	-2273	-1748	-1227	-3143	-3084	-3527	-3545	-2380	-2637	-1353	-1418	-1040	-1832	-2227
1942 Federal Surplus/Deficit	-1618	-2159	-2131	-1320	-2765	-895	-314	-1760	-3243	-1174	-888	-157	-115	720	-1242
1943 Federal Surplus/Deficit	810	-900	-1602	-1460	-3302	-3128	-136	86	201	3453	2628	1962	1293	947	-179
1944 Federal Surplus/Deficit	446	-683	-2052	-1295	-3378	-3090	-4121	-3000	-3656	-2861	-2114	-1759	-1738	-1878	-2381
1945 Federal Surplus/Deficit	-1481	-2306	-2449	-1828	-2860	-3382	-4596	-4078	-3366	-2514	-1672	357	-385	-168	-2228
1946 Federal Surplus/Deficit	-1048	-1506	-1919	-1934	-3219	-2281	620	-2171	-558	628	1563	2687	1160	273	-627
1947 Federal Surplus/Deficit	-20	-2207	-1595	-1245	-3111	-898	1640	981	-791	254	300	1664	770	-55	-290
1948 Federal Surplus/Deficit	-167	-1817	-1766	809	-1907	-2182	1735	-217	-1641	-581	1007	4071	5352	1770	437
1949 Federal Surplus/Deficit	638	862	-1143	-960	-3265	-3194	-1250	-2422	1734	1067	2092	1877	645	-2077	-644
1950 Federal Surplus/Deficit	-2496	-2962	-2125	-1768	-3472	-2434	553	-267	1051	2427	1541	1506	4017	1642	-170
1951 Federal Surplus/Deficit	43	-407	-1605	-293	-1425	-190	2495	1896	692	2515	2252	2827	68	1057	644
1952 Federal Surplus/Deficit	634	-247	-1634	289	-2739	-1688	1333	-804	-1133	2619	2177	3514	1110	-434	34
1953 Federal Surplus/Deficit	-124	-2086	-2095	-1674	-3308	-2975	-3287	1717	-232	-1372	-1059	387	1759	1084	-912
1954 Federal Surplus/Deficit	726	-378	-1565	-981	-2992	-2844	-774	2289	-977	479	112	2049	3076	1834	-34
1955 Federal Surplus/Deficit	1313	477	572	-401	-2384	-2717	-1507	-1849	-3435	-809	-785	-946	2450	2886	-603
1956 Federal Surplus/Deficit	538	217	-1467	-570	-2048	-296	2688	983	797	1923	3438	4290	3862	1231	1044
1957 Federal Surplus/Deficit	882	-270	-1710	-859	-3350	-2472	-1704	618	-910	2578	-202	4014	2104	-631	-284
1958 Federal Surplus/Deficit	-908	-1967	-1995	-1470	-3384	-3119	-1598	1627	-1708	-752	1001	2967	1385	-923	-794
1959 Federal Surplus/Deficit	-971	-1818	-2003	-1087	-2562	-1688	2421	1081	-240	791	-808	1334	2474	1197	-40
1960 Federal Surplus/Deficit	677	-522	454	1454	-1048	-1384	1244	-1576	-650	3888	1240	-99	298	268	134
1961 Federal Surplus/Deficit	261	-2059	-1812	-1061	-2879	-3484	98	1581	-351	431	-1643	1997	3043	-290	-389
1962 Federal Surplus/Deficit	-360	-1748	-2151	-1270	-3455	-3310	96	-2788	-2372	1660	1615	174	-723	553	-1222
1963 Federal Surplus/Deficit	541	-928	-2026	-623	-2400	-1749	569	-956	-2196	-395	-477	-347	373	368	-801
1964 Federal Surplus/Deficit	294	-1075	-1244	-1349	-3354	-3398	-1850	626	-2826	265	-1298	24	3176	2157	-745
1965 Federal Surplus/Deficit	711	92	-909	-345	-2835	32	3265	1642	755	150	2458	2399	1896	234	653
1966 Federal Surplus/Deficit	736	-169	-1572	-735	-2777	-2577	-294	-413	-2215	1813	-511	-599	-1368	652	-914
1967 Federal Surplus/Deficit	500	-1905	-1977	-1416	-3369	-2988	1178	935	-850	-49	-2545	20	2659	1990	-485
1968 Federal Surplus/Deficit	768	-181	-1414	-912	-2964	-2654	421	854	-402	-2088	-1733	-1841	508	436	-799
1969 Federal Surplus/Deficit	997	-146	-390	-228	-1939	-1960	2526	1132	85	1928	2572	3862	1812	321	658
1970 Federal Surplus/Deficit	-601	-2505	-2016	-974	-3384	-3302	-1995	812	-1435	-1420	-833	54	942	-533	-1209
1971 Federal Surplus/Deficit	-524	-1923	-2138	-1529	-3442	-2298	2218	2362	751	2238	1614	4119	3150	1575	456
1972 Federal Surplus/Deficit	993	610	-1131	-1060	-2970	-2648	1978	2091	3794	3149	266	3797	4004	2438	1067
1973 Federal Surplus/Deficit	1134	788	-978	-921	-3252	-2068	-1914	-2273	-2251	-2787	-2457	-1971	-1910	-711	-1659
1974 Federal Surplus/Deficit	-882	-2536	-2355	-1705	-2835	-520	3782	2532	2118	2478	2969	3592	4832	3093	1129
1975 Federal Surplus/Deficit	643	160	-1397	-1489	-3384	-3099	-402	67	691	210	-597	885	2133	2375	-284
1976 Federal Surplus/Deficit	-469	-994	-1807	-500	-1707	669	2680	1337	-496	2907	1380	3331	389	1605	576
1977 Federal Surplus/Deficit	2017	1127	1373	-1058	-3379	-3035	-3835	-2691	-4009	-3081	-1809	-1938	-2078	-1853	-1948
1978 Federal Surplus/Deficit	-1542	-2224	-2697	-2032	-2946	-2798	-884	-2438	191	1242	54	581	-672	101	-1236
-Ranked Averages-															
Top Ten Percent	472	-353	-1250	-781	-2525	-1078	2848	1676	1510	1926	2341	3588	3281	1463	910
Middle Eighty Percent	-237	-1268	-1651	-1094	-2898	-2431	-555	-634	-1100	427	117	981	839	375	-721
Bottom Ten Percent	-628	-1568	-2109	-1697	-3132	-2999	-4268	-3600	-3453	-2414	-1753	-1629	-1893	-1264	-2435