

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

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
1929 REGIONAL 50 HR S/D W/EXT WEATH	4037	2062	601	1607	-3855	-3475	-5572	-3453	-1323	-1056	368	-216	5493	4045
1930 REGIONAL 50 HR S/D W/EXT WEATH	3786	1721	492	-983	-3624	-2068	-5851	-6199	-1475	1788	2184	-1860	699	3235
1931 REGIONAL 50 HR S/D W/EXT WEATH	3231	3518	536	-1076	-3548	-2961	-5927	-6846	-1495	2757	-2179	2363	1396	3346
1932 REGIONAL 50 HR S/D W/EXT WEATH	3141	1512	382	-971	-2871	-3805	-7127	-3814	2959	2792	1088	1674	5516	4078
1933 REGIONAL 50 HR S/D W/EXT WEATH	3991	4517	1433	1507	-2725	-2161	-1489	-2390	-420	2111	968	937	5055	4197
1934 REGIONAL 50 HR S/D W/EXT WEATH	4061	4472	3986	2832	-1091	-954	-1532	-2030	2975	2438	873	835	3385	912
1935 REGIONAL 50 HR S/D W/EXT WEATH	1604	1160	668	-505	-3023	-1970	-1579	-2253	2382	2091	943	1083	4965	3841
1936 REGIONAL 50 HR S/D W/EXT WEATH	3834	1869	1051	-313	-4106	-2570	-5077	-3028	-1252	1137	1754	2552	5628	4010
1937 REGIONAL 50 HR S/D W/EXT WEATH	4015	1898	646	-716	-3731	-2915	-6079	-6590	-1535	-1058	-2521	2224	4699	3798
1938 REGIONAL 50 HR S/D W/EXT WEATH	3284	1896	541	-471	-2141	-1533	-1459	-2095	2514	2193	1091	1161	5360	4135
1939 REGIONAL 50 HR S/D W/EXT WEATH	4079	1952	671	-9	-3949	-3109	-5601	-1567	3330	3194	1919	2231	385	3828
1940 REGIONAL 50 HR S/D W/EXT WEATH	3941	1902	691	990	-3353	-3079	-3128	-1411	3462	3349	1978	2228	497	3372
1941 REGIONAL 50 HR S/D W/EXT WEATH	2817	1517	545	977	-4182	-2848	-3737	-4057	142	-687	328	1351	3662	2623
1942 REGIONAL 50 HR S/D W/EXT WEATH	1352	798	459	1240	-1754	-1008	-1579	-1879	-1168	2668	1567	2196	5060	3971
1943 REGIONAL 50 HR S/D W/EXT WEATH	3970	4509	1075	803	-3491	-2812	-1572	-2007	2918	2715	1250	1177	5410	4214
1944 REGIONAL 50 HR S/D W/EXT WEATH	4045	4531	2656	1772	-3827	-3211	-5481	-2485	-1313	-1105	-1477	703	2425	2208
1945 REGIONAL 50 HR S/D W/EXT WEATH	2254	1201	552	-1119	-3261	-1876	-7213	-6183	-1654	-386	200	2382	5453	4139
1946 REGIONAL 50 HR S/D W/EXT WEATH	4000	3231	1296	-88	-2889	-992	-1296	-1797	2733	2604	1222	1469	5620	4277
1947 REGIONAL 50 HR S/D W/EXT WEATH	4124	2410	2483	2221	-2186	-854	-1402	-1900	2664	2645	1129	1204	5137	3589
1948 REGIONAL 50 HR S/D W/EXT WEATH	4067	2018	1956	3054	-634	-1005	-1231	-1546	2939	2527	1025	628	4741	4176
1949 REGIONAL 50 HR S/D W/EXT WEATH	4099	4517	4092	2785	-3341	-3956	-1563	-1980	2918	2457	869	1979	5476	3436
1950 REGIONAL 50 HR S/D W/EXT WEATH	2591	1912	645	-599	-3926	-1618	-1359	-1828	2658	2484	860	521	3517	4327
1951 REGIONAL 50 HR S/D W/EXT WEATH	4217	4682	4178	3107	-692	-709	-1127	-1818	2760	2510	445	746	5334	4156
1952 REGIONAL 50 HR S/D W/EXT WEATH	4089	4564	4113	3102	-598	-1034	-1377	-1846	2758	2709	1221	496	5679	4187
1953 REGIONAL 50 HR S/D W/EXT WEATH	4073	2072	975	-49	-3915	-3142	-2525	-1145	2613	1582	1705	1927	5295	4367
1954 REGIONAL 50 HR S/D W/EXT WEATH	4127	4608	2783	2528	-2556	-2216	-1155	-1343	2895	2338	1032	1002	4608	4205
1955 REGIONAL 50 HR S/D W/EXT WEATH	4204	4686	4218	2833	-811	-2144	-1193	-2808	-1207	3614	1799	2325	5406	4169
1956 REGIONAL 50 HR S/D W/EXT WEATH	4085	4516	4008	2897	-856	-774	-1249	-2021	2366	1921	272	512	4205	4248
1957 REGIONAL 50 HR S/D W/EXT WEATH	4179	4625	3599	2922	-3132	-1484	-1195	-1220	3108	2639	1380	951	5247	4061
1958 REGIONAL 50 HR S/D W/EXT WEATH	4015	1851	883	198	-4584	-3539	-1127	-1263	3282	2943	1727	1953	5936	3511
1959 REGIONAL 50 HR S/D W/EXT WEATH	3722	2068	803	2032	-1390	-868	-1238	-2142	2566	2515	1099	1136	4578	4056
1960 REGIONAL 50 HR S/D W/EXT WEATH	3977	4549	3951	3051	-911	-893	-1489	-1593	3577	3001	1541	1716	5497	4147
1961 REGIONAL 50 HR S/D W/EXT WEATH	3999	1991	982	1652	-2140	-4429	-1433	-1702	3173	2779	780	1458	3449	3924
1962 REGIONAL 50 HR S/D W/EXT WEATH	3917	2724	786	1933	-3948	-3386	-1624	-1846	631	3207	1516	1907	5720	4053
1963 REGIONAL 50 HR S/D W/EXT WEATH	4058	4441	958	2851	-720	-960	-1394	-1367	1073	4069	2368	2578	5453	3913
1964 REGIONAL 50 HR S/D W/EXT WEATH	3976	4299	3093	1442	-3847	-3933	-1195	-1523	9	2772	1144	979	3916	4234
1965 REGIONAL 50 HR S/D W/EXT WEATH	4060	4530	4170	2799	-798	-935	-1586	-1887	2598	2302	902	1116	5173	3861
1966 REGIONAL 50 HR S/D W/EXT WEATH	3721	4522	3655	2855	-1264	-2610	-1148	-1463	1279	3630	1741	1881	5155	4188
1967 REGIONAL 50 HR S/D W/EXT WEATH	4048	2210	1281	1238	-3884	-2256	-1195	-1695	2459	2256	-2352	544	4789	3879
1968 REGIONAL 50 HR S/D W/EXT WEATH	3957	4464	3906	2842	-1844	-2514	-1217	-1438	3367	1407	-371	2067	5316	3747
1969 REGIONAL 50 HR S/D W/EXT WEATH	3854	4475	3980	2957	-668	-977	-1309	-1618	3033	2675	999	913	5899	3958
1970 REGIONAL 50 HR S/D W/EXT WEATH	4067	2082	1464	2749	-3667	-3992	-1090	-1200	3553	2919	1565	2072	5343	3859
1971 REGIONAL 50 HR S/D W/EXT WEATH	3894	2062	1071	1102	-3594	-1125	-1064	-1514	2779	2254	569	161	4284	4461
1972 REGIONAL 50 HR S/D W/EXT WEATH	4280	4764	4203	2670	-1894	-2114	-1329	-1980	2424	2232	531	-130	4143	3910
1973 REGIONAL 50 HR S/D W/EXT WEATH	4118	4625	4178	2796	-2712	-1516	-1062	-1245	822	-1212	-2781	1453	3538	3076
1974 REGIONAL 50 HR S/D W/EXT WEATH	2971	1268	639	-340	-1726	-876	-1360	-1815	2722	2072	163	-1191	4087	4354
1975 REGIONAL 50 HR S/D W/EXT WEATH	4247	4736	4193	1186	-3662	-2903	-1045	-1303	2949	2406	831	673	4827	4185
1976 REGIONAL 50 HR S/D W/EXT WEATH	4000	4509	2457	2966	-470	-737	-1102	-1721	3059	2782	826	-23	5556	4296
1977 REGIONAL 50 HR S/D W/EXT WEATH	4130	4681	4203	2743	-3856	-3783	-4771	-2715	-1440	-1438	-27	-16	1168	2599
1978 REGIONAL 50 HR S/D W/EXT WEATH	2206	1228	453	-1108	-2730	-1107	-1480	-2019	2797	2736	1136	1477	5120	4122

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2000- 1 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	3699	1725	971	2382	-3938	-3534	-5899	-3911	-1538	-1380	-701	-1183	5124	3919
1930 REGIONAL 50 HR S/D W/EXT WEATH	3447	1384	861	-209	-3707	-2125	-6179	-6658	-1690	1464	1117	-2827	331	3110
1931 REGIONAL 50 HR S/D W/EXT WEATH	2892	3181	906	-303	-3630	-3018	-6254	-7305	-1710	2433	-3247	1396	1029	3220
1932 REGIONAL 50 HR S/D W/EXT WEATH	2805	1174	752	-198	-2953	-3863	-7454	-4274	2744	2468	20	709	5148	3952
1933 REGIONAL 50 HR S/D W/EXT WEATH	3653	4180	1803	2282	-2808	-2219	-1815	-2849	-635	1788	-99	-30	4686	4071
1934 REGIONAL 50 HR S/D W/EXT WEATH	3725	4135	4356	3607	-1175	-1013	-1860	-2488	2758	2115	-194	-131	3016	787
1935 REGIONAL 50 HR S/D W/EXT WEATH	1267	823	1038	269	-3105	-2028	-1907	-2712	2166	1766	-124	116	4598	3715
1936 REGIONAL 50 HR S/D W/EXT WEATH	3496	1533	1421	461	-4188	-2629	-5405	-3487	-1468	813	686	1586	5261	3884
1937 REGIONAL 50 HR S/D W/EXT WEATH	3677	1561	1016	58	-3813	-2973	-6405	-7049	-1751	-1380	-3588	1257	4330	3671
1938 REGIONAL 50 HR S/D W/EXT WEATH	2946	1559	910	303	-2223	-1589	-1786	-2554	2298	1868	23	194	4992	4010
1939 REGIONAL 50 HR S/D W/EXT WEATH	3742	1615	1041	764	-4031	-3165	-5929	-2026	3115	2869	851	1265	18	3702
1940 REGIONAL 50 HR S/D W/EXT WEATH	3602	1564	1060	1763	-3436	-3137	-3455	-1871	3246	3024	911	1262	129	3246
1941 REGIONAL 50 HR S/D W/EXT WEATH	2478	1180	914	1752	-4264	-2907	-4065	-4516	-74	-1011	-739	384	3293	2497
1942 REGIONAL 50 HR S/D W/EXT WEATH	1014	462	829	2014	-1837	-1066	-1906	-2338	-1383	2345	500	1229	4692	3846
1943 REGIONAL 50 HR S/D W/EXT WEATH	3632	4172	1443	1577	-3572	-2869	-1898	-2466	2703	2391	182	212	5041	4088
1944 REGIONAL 50 HR S/D W/EXT WEATH	3706	4194	3025	2546	-3910	-3269	-5808	-2944	-1528	-1429	-2546	-263	2056	2083
1945 REGIONAL 50 HR S/D W/EXT WEATH	1915	863	921	-345	-3344	-1932	-7540	-6641	-1870	-709	-869	1415	5084	4013
1946 REGIONAL 50 HR S/D W/EXT WEATH	3663	2894	1665	686	-2972	-1049	-1624	-2256	2517	2280	155	502	5252	4150
1947 REGIONAL 50 HR S/D W/EXT WEATH	3786	2073	2853	2995	-2268	-913	-1729	-2358	2448	2321	63	237	4771	3463
1948 REGIONAL 50 HR S/D W/EXT WEATH	3729	1680	2325	3829	-716	-1063	-1559	-2005	2723	2204	-44	-338	4373	4050
1949 REGIONAL 50 HR S/D W/EXT WEATH	3762	4181	4461	3559	-3423	-4014	-1890	-2438	2702	2133	-198	1013	5107	3310
1950 REGIONAL 50 HR S/D W/EXT WEATH	2253	1575	1015	175	-4008	-1675	-1687	-2287	2442	2159	-208	-445	3148	4202
1951 REGIONAL 50 HR S/D W/EXT WEATH	3879	4344	4547	3881	-776	-768	-1454	-2275	2544	2185	-622	-221	4966	4030
1952 REGIONAL 50 HR S/D W/EXT WEATH	3751	4226	4481	3877	-680	-1091	-1705	-2305	2542	2385	153	-468	5310	4061
1953 REGIONAL 50 HR S/D W/EXT WEATH	3735	1734	1345	725	-3997	-3199	-2853	-1604	2397	1259	637	961	4928	4240
1954 REGIONAL 50 HR S/D W/EXT WEATH	3789	4271	3152	3303	-2639	-2273	-1483	-1802	2679	2015	-36	35	4239	4079
1955 REGIONAL 50 HR S/D W/EXT WEATH	3865	4350	4588	3607	-893	-2202	-1520	-3267	-1423	3289	732	1359	5037	4042
1956 REGIONAL 50 HR S/D W/EXT WEATH	3748	4179	4378	3672	-939	-831	-1577	-2479	2150	1595	-796	-454	3836	4123
1957 REGIONAL 50 HR S/D W/EXT WEATH	3842	4287	3968	3695	-3215	-1541	-1522	-1679	2892	2314	313	-16	4878	3935
1958 REGIONAL 50 HR S/D W/EXT WEATH	3677	1513	1252	973	-4666	-3597	-1454	-1723	3066	2618	659	987	5567	3386
1959 REGIONAL 50 HR S/D W/EXT WEATH	3384	1731	1173	2806	-1473	-927	-1566	-2600	2349	2190	32	170	4210	3930
1960 REGIONAL 50 HR S/D W/EXT WEATH	3640	4212	4322	3824	-994	-950	-1817	-2052	3360	2677	474	750	5129	4020
1961 REGIONAL 50 HR S/D W/EXT WEATH	3662	1655	1352	2426	-2222	-4488	-1760	-2161	2958	2453	-288	493	3081	3798
1962 REGIONAL 50 HR S/D W/EXT WEATH	3579	2388	1155	2708	-4030	-3444	-1952	-2306	415	2882	449	941	5351	3928
1963 REGIONAL 50 HR S/D W/EXT WEATH	3719	4104	1328	3625	-803	-1018	-1722	-1827	857	3743	1299	1611	5085	3786
1964 REGIONAL 50 HR S/D W/EXT WEATH	3638	3962	3463	2215	-3928	-3990	-1521	-1982	-206	2447	77	13	3547	4108
1965 REGIONAL 50 HR S/D W/EXT WEATH	3723	4194	4539	3574	-882	-994	-1914	-2344	2382	1977	-166	151	4805	3736
1966 REGIONAL 50 HR S/D W/EXT WEATH	3383	4184	4024	3629	-1346	-2669	-1475	-1923	1064	3307	674	915	4786	4062
1967 REGIONAL 50 HR S/D W/EXT WEATH	3710	1874	1649	2014	-3965	-2314	-1523	-2153	2243	1931	-3419	-422	4421	3753
1968 REGIONAL 50 HR S/D W/EXT WEATH	3619	4127	4276	3617	-1926	-2573	-1545	-1898	3150	1082	-1439	1100	4948	3621
1969 REGIONAL 50 HR S/D W/EXT WEATH	3516	4138	4350	3730	-751	-1034	-1636	-2076	2817	2352	-69	-53	5530	3832
1970 REGIONAL 50 HR S/D W/EXT WEATH	3730	1745	1834	3524	-3749	-4049	-1417	-1659	3337	2594	497	1106	4974	3733
1971 REGIONAL 50 HR S/D W/EXT WEATH	3556	1725	1441	1875	-3677	-1184	-1391	-1971	2562	1930	-498	-806	3916	4335
1972 REGIONAL 50 HR S/D W/EXT WEATH	3942	4426	4571	3443	-1977	-2170	-1655	-2438	2209	1907	-536	-1096	3774	3782
1973 REGIONAL 50 HR S/D W/EXT WEATH	3779	4288	4547	3570	-2794	-1574	-1389	-1704	606	-1536	-3849	486	3170	2950
1974 REGIONAL 50 HR S/D W/EXT WEATH	2634	931	1009	434	-1808	-934	-1688	-2273	2506	1749	-906	-2158	3720	4228
1975 REGIONAL 50 HR S/D W/EXT WEATH	3909	4399	4561	1961	-3744	-2960	-1373	-1763	2734	2083	-236	-293	4458	4058
1976 REGIONAL 50 HR S/D W/EXT WEATH	3663	4172	2828	3740	-554	-796	-1430	-2180	2843	2457	-243	-990	5189	4170
1977 REGIONAL 50 HR S/D W/EXT WEATH	3793	4344	4573	3518	-3939	-3841	-5099	-3174	-1655	-1760	-1095	-983	800	2474
1978 REGIONAL 50 HR S/D W/EXT WEATH	1869	891	823	-334	-2813	-1166	-1808	-2478	2580	2412	68	510	4751	3996

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2001 - 2 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	3540	1559	807	2264	-4386	-3699	-5936	-3961	-1906	-1404	289	-483	5173	3848
1930 REGIONAL 50 HR S/D W/EXT WEATH	3289	1205	631	-390	-4084	-2309	-6229	-6712	-2057	1505	2067	-2083	436	3039
1931 REGIONAL 50 HR S/D W/EXT WEATH	2733	3065	675	-483	-4020	-3202	-6315	-7416	-2078	2449	-2215	2056	1123	3150
1932 REGIONAL 50 HR S/D W/EXT WEATH	2710	996	521	-377	-3345	-4044	-7580	-4338	2393	2468	964	1368	5196	3883
1933 REGIONAL 50 HR S/D W/EXT WEATH	3493	4014	1642	2169	-3194	-2408	-1912	-2943	-923	1789	845	631	4732	4002
1934 REGIONAL 50 HR S/D W/EXT WEATH	3563	3970	4137	3451	-1606	-1235	-1958	-2581	2411	2119	753	526	3091	685
1935 REGIONAL 50 HR S/D W/EXT WEATH	1177	644	807	89	-3492	-2227	-2004	-2804	1816	1764	815	775	4644	3645
1936 REGIONAL 50 HR S/D W/EXT WEATH	3333	1354	1190	281	-4637	-2820	-5465	-3543	-1789	851	1630	2244	5318	3813
1937 REGIONAL 50 HR S/D W/EXT WEATH	3517	1382	867	-122	-4191	-3153	-6455	-7107	-2119	-1405	-2669	1918	4389	3631
1938 REGIONAL 50 HR S/D W/EXT WEATH	2845	1471	679	124	-2623	-1782	-1882	-2647	1948	1869	966	853	5040	3939
1939 REGIONAL 50 HR S/D W/EXT WEATH	3582	1436	810	656	-4481	-3335	-5970	-2112	2777	2877	1801	1924	107	3631
1940 REGIONAL 50 HR S/D W/EXT WEATH	3443	1386	910	1643	-3811	-3316	-3513	-1964	2896	3027	1858	1923	246	3174
1941 REGIONAL 50 HR S/D W/EXT WEATH	2375	1001	683	1628	-4646	-3086	-4127	-4581	-382	-947	238	1065	3351	2459
1942 REGIONAL 50 HR S/D W/EXT WEATH	927	284	597	1886	-2243	-1284	-2003	-2431	-1751	2362	1462	1887	4739	3775
1943 REGIONAL 50 HR S/D W/EXT WEATH	3472	4007	1293	1465	-3948	-3047	-1995	-2556	2365	2399	1132	869	5088	4019
1944 REGIONAL 50 HR S/D W/EXT WEATH	3548	4030	2862	2439	-4359	-3427	-5825	-3004	-1896	-1453	-1527	418	2129	2048
1945 REGIONAL 50 HR S/D W/EXT WEATH	1822	686	690	-525	-3724	-2121	-7666	-6693	-2238	-631	109	2075	5132	3942
1946 REGIONAL 50 HR S/D W/EXT WEATH	3503	2787	1518	506	-3332	-1261	-1721	-2338	2180	2287	1104	1162	5300	4080
1947 REGIONAL 50 HR S/D W/EXT WEATH	3626	1977	2681	2870	-2641	-1128	-1827	-2439	2111	2329	1012	897	4818	3393
1948 REGIONAL 50 HR S/D W/EXT WEATH	3569	1501	2162	3672	-1138	-1279	-1655	-2087	2386	2212	907	322	4419	3980
1949 REGIONAL 50 HR S/D W/EXT WEATH	3601	4016	4244	3428	-3777	-4175	-1986	-2523	2366	2141	751	1672	5154	3283
1950 REGIONAL 50 HR S/D W/EXT WEATH	2161	1396	784	-5	-4457	-1862	-1783	-2369	2105	2167	744	215	3196	4133
1951 REGIONAL 50 HR S/D W/EXT WEATH	3718	4180	4330	3732	-1193	-979	-1551	-2358	2208	2193	328	439	5014	3959
1952 REGIONAL 50 HR S/D W/EXT WEATH	3591	4063	4265	3724	-1098	-1306	-1801	-2386	2204	2393	1104	189	5359	3991
1953 REGIONAL 50 HR S/D W/EXT WEATH	3575	1556	1114	621	-4446	-3367	-2932	-1685	2060	1325	1589	1620	4975	4171
1954 REGIONAL 50 HR S/D W/EXT WEATH	3628	4106	2987	3173	-3021	-2452	-1579	-1886	2343	2023	914	694	4286	4009
1955 REGIONAL 50 HR S/D W/EXT WEATH	3706	4185	4370	3449	-1322	-2384	-1617	-3325	-1791	3296	1697	2019	5084	3973
1956 REGIONAL 50 HR S/D W/EXT WEATH	3587	4014	4159	3515	-1368	-1045	-1675	-2561	1813	1603	154	206	3883	4054
1957 REGIONAL 50 HR S/D W/EXT WEATH	3682	4122	3793	3537	-3571	-1732	-1618	-1760	2555	2322	1263	643	4926	3864
1958 REGIONAL 50 HR S/D W/EXT WEATH	3518	1335	1101	852	-5016	-3764	-1552	-1807	2725	2626	1610	1645	5615	3358
1959 REGIONAL 50 HR S/D W/EXT WEATH	3225	1637	1024	2676	-1878	-1141	-1663	-2694	2002	2198	980	828	4256	3859
1960 REGIONAL 50 HR S/D W/EXT WEATH	3481	4047	4103	3665	-1421	-1166	-1915	-2137	3021	2686	1426	1409	5177	3951
1961 REGIONAL 50 HR S/D W/EXT WEATH	3501	1476	1120	2304	-2620	-4658	-1857	-2254	2608	2458	684	1150	3128	3727
1962 REGIONAL 50 HR S/D W/EXT WEATH	3418	2288	924	2582	-4478	-3619	-2049	-2399	128	2890	1399	1600	5399	3857
1963 REGIONAL 50 HR S/D W/EXT WEATH	3560	3984	1178	3467	-1232	-1234	-1819	-1919	582	3752	2250	2270	5133	3717
1964 REGIONAL 50 HR S/D W/EXT WEATH	3479	3839	3290	2107	-4377	-4151	-1618	-2066	-467	2456	1027	673	3594	4037
1965 REGIONAL 50 HR S/D W/EXT WEATH	3564	4029	4323	3418	-1281	-1208	-2012	-2426	2046	1985	785	810	4853	3666
1966 REGIONAL 50 HR S/D W/EXT WEATH	3223	4021	3849	3480	-1728	-2831	-1570	-2006	796	3314	1624	1575	4848	3992
1967 REGIONAL 50 HR S/D W/EXT WEATH	3550	1780	1500	1899	-4414	-2495	-1620	-2247	1896	1939	-2501	238	4468	3682
1968 REGIONAL 50 HR S/D W/EXT WEATH	3458	3963	4099	3461	-2307	-2748	-1642	-1980	2812	1143	-442	1758	4996	3550
1969 REGIONAL 50 HR S/D W/EXT WEATH	3355	3975	4133	3579	-1170	-1245	-1734	-2158	2481	2348	873	605	5579	3763
1970 REGIONAL 50 HR S/D W/EXT WEATH	3571	1566	1682	3395	-4118	-4211	-1514	-1740	3001	2634	1447	1763	5021	3663
1971 REGIONAL 50 HR S/D W/EXT WEATH	3396	1589	1209	1771	-4027	-1379	-1488	-2054	2225	1938	451	-147	3963	4264
1972 REGIONAL 50 HR S/D W/EXT WEATH	3782	4261	4356	3330	-2353	-2342	-1753	-2520	1870	1915	416	-437	3821	3713
1973 REGIONAL 50 HR S/D W/EXT WEATH	3621	4124	4331	3422	-3152	-1755	-1487	-1785	331	-1560	-2866	1161	3231	2879
1974 REGIONAL 50 HR S/D W/EXT WEATH	2473	752	778	328	-2193	-1148	-1786	-2354	2170	1756	46	-1497	3765	4158
1975 REGIONAL 50 HR S/D W/EXT WEATH	3749	4234	4346	1865	-4194	-3123	-1470	-1845	2397	2091	713	366	4505	3989
1976 REGIONAL 50 HR S/D W/EXT WEATH	3502	4007	2665	3589	-972	-1009	-1528	-2261	2505	2465	708	-331	5237	4100
1977 REGIONAL 50 HR S/D W/EXT WEATH	3632	4180	4356	3368	-4387	-4007	-5122	-3230	-2022	-1785	-104	-283	897	2443
1978 REGIONAL 50 HR S/D W/EXT WEATH	1776	714	590	-514	-3207	-1383	-1905	-2571	2231	2420	1020	1170	4800	3925

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2002- 3 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	3498	1559	1018	2068	-4109	-3922	-5917	-3964	-2014	-2002	-1539	-1616	4524	3214
1930 REGIONAL 50 HR S/D W/EXT WEATH	3247	1158	817	-601	-3783	-2539	-6214	-6708	-2165	920	221	-3205	-204	2405
1931 REGIONAL 50 HR S/D W/EXT WEATH	2691	3046	842	-694	-3723	-3430	-6303	-7428	-2187	1863	-4026	906	484	2516
1932 REGIONAL 50 HR S/D W/EXT WEATH	2689	949	688	-588	-3049	-4268	-7590	-4338	2284	1869	-883	220	4542	3248
1933 REGIONAL 50 HR S/D W/EXT WEATH	3451	3983	1845	1975	-2900	-2637	-1924	-2957	-1004	1189	-1001	-518	4079	3367
1934 REGIONAL 50 HR S/D W/EXT WEATH	3522	3940	4323	3239	-1328	-1480	-1968	-2594	2303	1521	-1094	-622	2450	50
1935 REGIONAL 50 HR S/D W/EXT WEATH	1164	597	974	-122	-3198	-2456	-2015	-2818	1707	1165	-1031	-372	3990	3011
1936 REGIONAL 50 HR S/D W/EXT WEATH	3291	1307	1357	70	-4360	-3047	-5454	-3538	-1881	269	-218	1097	4673	3179
1937 REGIONAL 50 HR S/D W/EXT WEATH	3477	1335	1079	-333	-3892	-3379	-6438	-7106	-2227	-2004	-4516	769	3742	3011
1938 REGIONAL 50 HR S/D W/EXT WEATH	2823	1468	846	-87	-2331	-2014	-1893	-2660	1838	1269	-880	-296	4386	3305
1939 REGIONAL 50 HR S/D W/EXT WEATH	3541	1389	978	468	-4204	-3559	-5950	-1225	2667	2279	-45	776	-526	2997
1940 REGIONAL 50 HR S/D W/EXT WEATH	3401	1339	1123	1451	-3513	-3540	-3495	-1977	2789	2429	11	774	-388	2540
1941 REGIONAL 50 HR S/D W/EXT WEATH	2354	954	850	1435	-4346	-3311	-4114	-4581	-474	-1524	-1592	-70	2704	1834
1942 REGIONAL 50 HR S/D W/EXT WEATH	912	236	765	1690	-1953	-1530	-2013	-2444	-1860	1774	-374	739	4085	3142
1943 REGIONAL 50 HR S/D W/EXT WEATH	3430	3977	1499	1274	-3652	-3277	-2005	-2570	2256	1800	-714	-279	4434	3385
1944 REGIONAL 50 HR S/D W/EXT WEATH	3506	3999	3061	2246	-4083	-3656	-5804	-3007	-2005	-2051	-3348	-718	1485	1426
1945 REGIONAL 50 HR S/D W/EXT WEATH	1805	638	857	-737	-3428	-2352	-7676	-6692	-2346	-1205	-1726	928	4477	3309
1946 REGIONAL 50 HR S/D W/EXT WEATH	3461	2774	1721	295	-3037	-1507	-1731	-2352	2071	1689	-743	13	4646	3446
1947 REGIONAL 50 HR S/D W/EXT WEATH	3584	1973	2879	2675	-2348	-1373	-1838	-2452	2002	1730	-835	-253	4164	2759
1948 REGIONAL 50 HR S/D W/EXT WEATH	3528	1455	2361	3460	-862	-1525	-1666	-2101	2278	1613	-940	-827	3765	3346
1949 REGIONAL 50 HR S/D W/EXT WEATH	3560	3986	4428	3231	-3481	-4402	-1997	-2536	2257	1541	-1095	522	4500	2664
1950 REGIONAL 50 HR S/D W/EXT WEATH	2141	1349	951	-215	-4181	-2092	-1795	-2383	1997	1567	-1103	-933	2542	3497
1951 REGIONAL 50 HR S/D W/EXT WEATH	3678	4150	4514	3521	-915	-1223	-1561	-2370	2099	1594	-1519	-710	4359	3326
1952 REGIONAL 50 HR S/D W/EXT WEATH	3550	4033	4449	3512	-822	-1552	-1812	-2399	2095	1795	-742	-959	4704	3357
1953 REGIONAL 50 HR S/D W/EXT WEATH	3533	1509	1282	430	-4170	-3593	-2928	-1698	1951	752	-259	471	4321	3535
1954 REGIONAL 50 HR S/D W/EXT WEATH	3586	4075	3187	2978	-2725	-2680	-1590	-1899	2233	1424	-933	-454	3631	3375
1955 REGIONAL 50 HR S/D W/EXT WEATH	3663	4156	4554	3239	-1045	-2612	-1629	-3318	-1898	2697	-140	871	4430	3339
1956 REGIONAL 50 HR S/D W/EXT WEATH	3545	3983	4344	3302	-1091	-1291	-1684	-2574	1704	1005	-1692	-942	3229	3420
1957 REGIONAL 50 HR S/D W/EXT WEATH	3640	4091	3988	3326	-3275	-1965	-1630	-1772	2446	1724	-583	-505	4272	3231
1958 REGIONAL 50 HR S/D W/EXT WEATH	3476	1288	1310	661	-4718	-3993	-1562	-1819	2615	2027	-236	496	4960	2738
1959 REGIONAL 50 HR S/D W/EXT WEATH	3183	1632	1231	2479	-1586	-1386	-1675	-2706	1892	1599	-866	-320	3602	3225
1960 REGIONAL 50 HR S/D W/EXT WEATH	3439	4016	4287	3453	-1144	-1410	-1926	-2150	2913	2087	-421	260	4521	3317
1961 REGIONAL 50 HR S/D W/EXT WEATH	3460	1429	1287	2110	-2326	-4877	-1868	-2267	2498	1860	-1148	3	2474	3094
1962 REGIONAL 50 HR S/D W/EXT WEATH	3377	2280	1091	2386	-4202	-3845	-2058	-2414	40	2292	-448	453	4744	3224
1963 REGIONAL 50 HR S/D W/EXT WEATH	3518	3963	1388	3257	-955	-1480	-1828	-1932	497	3154	403	1122	4479	3083
1964 REGIONAL 50 HR S/D W/EXT WEATH	3436	3819	3486	1913	-4101	-4376	-1629	-2079	-550	1857	-821	-476	2940	3403
1965 REGIONAL 50 HR S/D W/EXT WEATH	3522	3999	4507	3207	-991	-1452	-2022	-2439	1936	1387	-1062	-339	4199	3032
1966 REGIONAL 50 HR S/D W/EXT WEATH	3182	3990	4044	3268	-1436	-3058	-1581	-2019	711	2716	-223	426	4205	3357
1967 REGIONAL 50 HR S/D W/EXT WEATH	3509	1774	1705	1707	-4138	-2725	-1632	-2260	1787	1341	-4347	-911	3813	3049
1968 REGIONAL 50 HR S/D W/EXT WEATH	3416	3932	4293	3249	-2016	-2974	-1652	-1991	2702	567	-2272	610	4342	2916
1969 REGIONAL 50 HR S/D W/EXT WEATH	3315	3944	4317	3368	-894	-1491	-1744	-2171	2372	1750	-976	-543	4924	3127
1970 REGIONAL 50 HR S/D W/EXT WEATH	3529	1519	1892	3198	-3820	-4438	-1525	-1754	2892	2053	-401	616	4365	3029
1971 REGIONAL 50 HR S/D W/EXT WEATH	3354	1582	1376	1581	-3729	-1611	-1499	-2067	2116	1339	-1395	-1296	3308	3631
1972 REGIONAL 50 HR S/D W/EXT WEATH	3740	4231	4540	3132	-2057	-2572	-1765	-2533	1761	1317	-1433	-1586	3167	3078
1973 REGIONAL 50 HR S/D W/EXT WEATH	3579	4094	4515	3210	-2857	-1988	-1498	-1799	241	-2159	-4678	24	2588	2245
1974 REGIONAL 50 HR S/D W/EXT WEATH	2432	705	945	134	-1902	-1394	-1796	-2368	2060	1157	-1802	-2646	3111	3524
1975 REGIONAL 50 HR S/D W/EXT WEATH	3707	4204	4530	1671	-3918	-3350	-1480	-1858	2289	1491	-1133	-783	3851	3354
1976 REGIONAL 50 HR S/D W/EXT WEATH	3460	3977	2868	3378	-696	-1255	-1537	-2274	2397	1866	-1139	-1480	4582	3466
1977 REGIONAL 50 HR S/D W/EXT WEATH	3590	4151	4540	3156	-4110	-4234	-5104	-3231	-2130	-2384	-1930	-1413	256	1819
1978 REGIONAL 50 HR S/D W/EXT WEATH	1758	666	758	-726	-2913	-1629	-1916	-2584	2123	1821	-828	20	4145	3292

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	2832	915	188	1343	-4884	-4681	-6982	-5023	-3026	-2588	-860	-80	4583	3127
1930 REGIONAL 50 HR S/D W/EXT WEATH	2580	492	-13	-1346	-4538	-3302	-7289	-7763	-3177	349	882	-1656	-136	2317
1931 REGIONAL 50 HR S/D W/EXT WEATH	2024	2396	-7	-1439	-4478	-4189	-7374	-8501	-3198	1289	-3330	2429	548	2429
1932 REGIONAL 50 HR S/D W/EXT WEATH	2047	282	-161	-1334	-3804	-5024	-8687	-5396	1272	1282	-222	1743	4594	3161
1933 REGIONAL 50 HR S/D W/EXT WEATH	2785	3317	1017	1249	-3655	-3400	-3020	-4028	-1981	602	-341	1005	4129	3280
1934 REGIONAL 50 HR S/D W/EXT WEATH	2856	3274	3474	2495	-2104	-2258	-3065	-3667	1290	933	-432	902	2513	-36
1935 REGIONAL 50 HR S/D W/EXT WEATH	521	-69	126	-867	-3953	-3220	-3110	-3890	696	579	-371	1151	4042	2924
1936 REGIONAL 50 HR S/D W/EXT WEATH	2625	641	508	-675	-5135	-3806	-6529	-4591	-2878	-300	443	2620	4735	3092
1937 REGIONAL 50 HR S/D W/EXT WEATH	2811	669	252	-1078	-4644	-4139	-7509	-8158	-3239	-2590	-3855	2293	3803	2932
1938 REGIONAL 50 HR S/D W/EXT WEATH	2173	823	-3	-832	-3089	-2778	-2989	-3732	828	684	-219	1228	4437	3217
1939 REGIONAL 50 HR S/D W/EXT WEATH	2874	723	130	-260	-4979	-4319	-7015	-3196	1656	1692	616	2300	-454	2910
1940 REGIONAL 50 HR S/D W/EXT WEATH	2734	672	289	725	-4266	-4301	-4566	-3049	1777	1843	673	2297	-315	2453
1941 REGIONAL 50 HR S/D W/EXT WEATH	1705	288	2	708	-5100	-4074	-5185	-5637	-1467	-2089	-913	1467	2763	1756
1942 REGIONAL 50 HR S/D W/EXT WEATH	272	-430	-84	961	-2712	-2308	-3109	-3517	-2872	1198	301	2263	4136	3055
1943 REGIONAL 50 HR S/D W/EXT WEATH	2764	3311	668	549	-4406	-4039	-3102	-3642	1244	1213	-53	1245	4486	3298
1944 REGIONAL 50 HR S/D W/EXT WEATH	2839	3332	2227	1516	-4857	-4413	-6868	-4066	-3017	-2637	-2661	816	1546	1348
1945 REGIONAL 50 HR S/D W/EXT WEATH	1158	-29	9	-1482	-4182	-3115	-8773	-7747	-3358	-1766	-1052	2450	4528	3222
1946 REGIONAL 50 HR S/D W/EXT WEATH	2795	2125	893	-450	-3792	-2286	-2827	-3423	1059	1101	-81	1537	4698	3359
1947 REGIONAL 50 HR S/D W/EXT WEATH	2918	1328	2046	1945	-3107	-2152	-2934	-3524	991	1143	-173	1271	4215	2671
1948 REGIONAL 50 HR S/D W/EXT WEATH	2862	788	1529	2716	-1637	-2305	-2763	-3173	1266	1026	-279	696	3817	3259
1949 REGIONAL 50 HR S/D W/EXT WEATH	2893	3319	3579	2501	-4235	-5163	-3093	-3609	1245	954	-433	2047	4551	2592
1950 REGIONAL 50 HR S/D W/EXT WEATH	1494	684	103	-961	-4955	-2854	-2891	-3454	985	982	-443	590	2592	3411
1951 REGIONAL 50 HR S/D W/EXT WEATH	3011	3484	3665	2776	-1690	-2003	-2658	-3442	1087	1008	-857	814	4410	3238
1952 REGIONAL 50 HR S/D W/EXT WEATH	2883	3366	3600	2768	-1597	-2330	-2908	-3472	1082	1207	-82	565	4755	3270
1953 REGIONAL 50 HR S/D W/EXT WEATH	2867	842	434	-295	-4944	-4351	-4009	-2771	939	191	403	1996	4372	3450
1954 REGIONAL 50 HR S/D W/EXT WEATH	2921	3409	2358	2248	-3481	-3444	-2686	-2972	1222	837	-271	1070	3682	3289
1955 REGIONAL 50 HR S/D W/EXT WEATH	2998	3489	3705	2493	-1820	-3373	-2724	-4373	-2910	2111	530	2395	4482	3252
1956 REGIONAL 50 HR S/D W/EXT WEATH	2879	3317	3496	2559	-1866	-2070	-2781	-3645	692	419	-1031	581	3280	3332
1957 REGIONAL 50 HR S/D W/EXT WEATH	2973	3426	3155	2580	-4031	-2729	-2725	-2845	1434	1137	78	1019	4322	3144
1958 REGIONAL 50 HR S/D W/EXT WEATH	2809	621	479	-65	-5467	-4754	-2658	-2891	1603	1441	424	2020	5013	2665
1959 REGIONAL 50 HR S/D W/EXT WEATH	2516	988	404	1750	-2349	-2165	-2771	-3778	881	1012	-205	1205	3653	3138
1960 REGIONAL 50 HR S/D W/EXT WEATH	2772	3350	3438	2709	-1918	-2189	-3021	-3223	1901	1499	241	1785	4573	3230
1961 REGIONAL 50 HR S/D W/EXT WEATH	2793	763	439	1384	-3086	-5638	-2964	-3339	1488	1274	-476	1527	2526	3007
1962 REGIONAL 50 HR S/D W/EXT WEATH	2710	1633	242	1657	-4976	-4603	-3155	-3486	-951	1704	214	1977	4796	3137
1963 REGIONAL 50 HR S/D W/EXT WEATH	2851	3312	558	2511	-1731	-2259	-2925	-3004	-489	2567	1064	2646	4529	2995
1964 REGIONAL 50 HR S/D W/EXT WEATH	2770	3168	2655	1184	-4875	-5134	-2726	-3152	-1534	1271	-159	1048	2991	3316
1965 REGIONAL 50 HR S/D W/EXT WEATH	2856	3333	3658	2462	-1755	-2232	-3118	-3510	924	800	-400	1185	4250	2945
1966 REGIONAL 50 HR S/D W/EXT WEATH	2516	3323	3209	2523	-2197	-3817	-2678	-3091	-280	2129	437	1950	4267	3271
1967 REGIONAL 50 HR S/D W/EXT WEATH	2842	1129	880	979	-4913	-3485	-2726	-3332	775	754	-3686	613	3865	2962
1968 REGIONAL 50 HR S/D W/EXT WEATH	2751	3265	3459	2504	-2776	-3736	-2748	-3064	1691	2	-1592	2133	4393	2829
1969 REGIONAL 50 HR S/D W/EXT WEATH	2649	3277	3469	2623	-1668	-2270	-2841	-3243	1360	1164	-314	980	4974	3041
1970 REGIONAL 50 HR S/D W/EXT WEATH	2863	853	1065	2467	-4570	-5196	-2621	-2825	1880	1483	261	2139	4418	2943
1971 REGIONAL 50 HR S/D W/EXT WEATH	2688	935	528	850	-4480	-2379	-2595	-3139	1104	752	-734	228	3360	3543
1972 REGIONAL 50 HR S/D W/EXT WEATH	3074	3565	3691	2403	-2817	-3335	-2861	-3605	750	730	-771	-62	3218	2992
1973 REGIONAL 50 HR S/D W/EXT WEATH	2913	3428	3666	2464	-3610	-2753	-2595	-2870	-750	-2745	-3989	1557	2648	2158
1974 REGIONAL 50 HR S/D W/EXT WEATH	1766	39	97	-592	-2663	-2172	-2892	-3441	1048	571	-1140	-1122	3163	3437
1975 REGIONAL 50 HR S/D W/EXT WEATH	3041	3538	3681	946	-4692	-4113	-2576	-2930	1277	904	-472	741	3901	3268
1976 REGIONAL 50 HR S/D W/EXT WEATH	2794	3311	2035	2633	-1470	-2033	-2634	-3346	1385	1279	-477	43	4633	3379
1977 REGIONAL 50 HR S/D W/EXT WEATH	2924	3484	3692	2411	-4885	-4990	-6173	-4291	-3142	-2970	-1248	125	321	1743
1978 REGIONAL 50 HR S/D W/EXT WEATH	1115	0	-91	-1470	-3673	-2408	-3011	-3655	1111	1234	-166	1545	4196	3204

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2004- 5 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	3049	1155	386	1008	-5800	-5034	-7342	-5429	-3284	-3094	-2171	-1088	4778	3365
1930 REGIONAL 50 HR S/D W/EXT WEATH	2797	710	184	-1697	-5429	-3659	-7650	-8164	-3435	-142	-448	-2650	69	2556
1931 REGIONAL 50 HR S/D W/EXT WEATH	2241	2631	170	-1791	-5372	-4544	-7742	-8921	-3456	793	-4631	1410	756	2668
1932 REGIONAL 50 HR S/D W/EXT WEATH	2284	500	16	-1685	-4701	-5375	-9076	-5803	1015	777	-1552	724	4782	3399
1933 REGIONAL 50 HR S/D W/EXT WEATH	3002	3535	1208	915	-4551	-3756	-3409	-4449	-2213	98	-1670	-14	4318	3520
1934 REGIONAL 50 HR S/D W/EXT WEATH	3073	3492	3650	2143	-3020	-2631	-3453	-4087	1033	428	-1763	-118	2716	203
1935 REGIONAL 50 HR S/D W/EXT WEATH	763	149	301	-1218	-4849	-3577	-3499	-4310	438	74	-1701	131	4230	3162
1936 REGIONAL 50 HR S/D W/EXT WEATH	2843	858	684	-1026	-6050	-4161	-6897	-4992	-3118	-787	-886	1600	4934	3331
1937 REGIONAL 50 HR S/D W/EXT WEATH	3027	887	446	-1429	-5533	-4492	-7869	-8568	-3497	-3095	-5184	1274	3999	3182
1938 REGIONAL 50 HR S/D W/EXT WEATH	2412	1065	173	-1184	-3987	-3138	-3378	-4153	570	179	-1549	208	4626	3455
1939 REGIONAL 50 HR S/D W/EXT WEATH	3092	941	305	-587	-5893	-4674	-7371	-3617	1399	1187	-714	1280	-242	3149
1940 REGIONAL 50 HR S/D W/EXT WEATH	2952	891	486	393	-5160	-4651	-4929	-3470	1518	1338	-657	1279	-104	2691
1941 REGIONAL 50 HR S/D W/EXT WEATH	1944	506	177	374	-5992	-4429	-5552	-6043	-1705	-2573	-2227	460	2959	2004
1942 REGIONAL 50 HR S/D W/EXT WEATH	512	-212	92	624	-3614	-2680	-3499	-3937	-3129	705	-1017	1243	4324	3293
1943 REGIONAL 50 HR S/D W/EXT WEATH	2981	3529	865	216	-5300	-4392	-3491	-4063	987	708	-1383	226	4675	3536
1944 REGIONAL 50 HR S/D W/EXT WEATH	3055	3550	2418	1183	-5772	-4769	-7225	-4480	-3274	-3143	-3966	-190	1742	1598
1945 REGIONAL 50 HR S/D W/EXT WEATH	1396	190	186	-1833	-5080	-3473	-9161	-8151	-3616	-2247	-2371	1431	4717	3460
1946 REGIONAL 50 HR S/D W/EXT WEATH	3011	2360	1089	-801	-4690	-2658	-3216	-3844	801	597	-1411	517	4885	3597
1947 REGIONAL 50 HR S/D W/EXT WEATH	3135	1566	2237	1609	-4003	-2524	-3323	-3944	734	638	-1503	251	4404	2909
1948 REGIONAL 50 HR S/D W/EXT WEATH	3079	1006	1720	2365	-2552	-2676	-3152	-3592	1008	521	-1609	-322	4005	3497
1949 REGIONAL 50 HR S/D W/EXT WEATH	3111	3537	3756	2159	-5128	-5517	-3482	-4029	987	450	-1763	1028	4740	2843
1950 REGIONAL 50 HR S/D W/EXT WEATH	1728	901	279	-1312	-5871	-3213	-3279	-3875	727	477	-1772	-429	2781	3649
1951 REGIONAL 50 HR S/D W/EXT WEATH	3228	3702	3840	2425	-2606	-2375	-3047	-3863	829	503	-2188	-206	4600	3477
1952 REGIONAL 50 HR S/D W/EXT WEATH	3101	3584	3776	2417	-2513	-2702	-3297	-3892	824	702	-1412	-454	4944	3509
1953 REGIONAL 50 HR S/D W/EXT WEATH	3084	1061	625	-623	-5859	-4704	-4386	-3191	682	-287	-927	976	4560	3689
1954 REGIONAL 50 HR S/D W/EXT WEATH	3138	3628	2547	1913	-4378	-3799	-3075	-3392	965	332	-1601	50	3871	3527
1955 REGIONAL 50 HR S/D W/EXT WEATH	3214	3706	3880	2142	-2735	-3729	-3114	-4775	-3169	1607	-789	1375	4671	3490
1956 REGIONAL 50 HR S/D W/EXT WEATH	3096	3535	3671	2207	-2781	-2442	-3169	-4066	435	-86	-2362	-438	3469	3570
1957 REGIONAL 50 HR S/D W/EXT WEATH	3190	3644	3344	2230	-4926	-3089	-3114	-3265	1176	632	-1252	0	4511	3382
1958 REGIONAL 50 HR S/D W/EXT WEATH	3025	840	672	-398	-6362	-5107	-3046	-3312	1345	936	-906	1001	5201	2917
1959 REGIONAL 50 HR S/D W/EXT WEATH	2733	1227	601	1414	-3251	-2537	-3159	-4199	624	507	-1536	185	3843	3377
1960 REGIONAL 50 HR S/D W/EXT WEATH	2990	3568	3614	2358	-2834	-2561	-3409	-3643	1644	994	-1090	766	4763	3468
1961 REGIONAL 50 HR S/D W/EXT WEATH	3011	980	615	1049	-3983	-5992	-3353	-3760	1230	769	-1791	507	2714	3245
1962 REGIONAL 50 HR S/D W/EXT WEATH	2928	1874	419	1325	-5892	-4955	-3544	-3906	-1189	1199	-1117	956	4985	3375
1963 REGIONAL 50 HR S/D W/EXT WEATH	3068	3544	754	2160	-2647	-2630	-3314	-3425	-724	2062	-266	1626	4718	3233
1964 REGIONAL 50 HR S/D W/EXT WEATH	2987	3400	2849	851	-5791	-5488	-3115	-3572	-1766	765	-1489	29	3180	3555
1965 REGIONAL 50 HR S/D W/EXT WEATH	3073	3551	3834	2111	-2657	-2604	-3506	-3931	668	294	-1729	166	4439	3184
1966 REGIONAL 50 HR S/D W/EXT WEATH	2733	3542	3398	2172	-3098	-4173	-3067	-3512	-511	1624	-892	930	4468	3509
1967 REGIONAL 50 HR S/D W/EXT WEATH	3060	1367	1073	646	-5819	-3842	-3114	-3751	518	249	-5015	-406	4054	3200
1968 REGIONAL 50 HR S/D W/EXT WEATH	2968	3484	3647	2152	-3674	-4092	-3138	-3484	1434	-480	-2902	1113	4582	3068
1969 REGIONAL 50 HR S/D W/EXT WEATH	2866	3496	3644	2273	-2584	-2642	-3229	-3663	1101	658	-1644	-39	5163	3280
1970 REGIONAL 50 HR S/D W/EXT WEATH	3079	1071	1262	2131	-5462	-5550	-3010	-3246	1622	996	-1069	1119	4607	3180
1971 REGIONAL 50 HR S/D W/EXT WEATH	2905	1171	703	517	-5380	-2739	-2984	-3559	848	247	-2064	-792	3548	3782
1972 REGIONAL 50 HR S/D W/EXT WEATH	3291	3783	3867	2067	-3716	-3692	-3249	-4025	493	225	-2100	-1081	3407	3230
1973 REGIONAL 50 HR S/D W/EXT WEATH	3130	3645	3842	2114	-4508	-3112	-2984	-3292	-986	-3250	-5288	548	2846	2396
1974 REGIONAL 50 HR S/D W/EXT WEATH	1983	257	272	-924	-3565	-2544	-3281	-3861	791	65	-2470	-2141	3351	3676
1975 REGIONAL 50 HR S/D W/EXT WEATH	3258	3756	3857	611	-5608	-4467	-2966	-3350	1019	400	-1801	-278	4090	3506
1976 REGIONAL 50 HR S/D W/EXT WEATH	3011	3529	2227	2282	-2386	-2405	-3022	-3767	1127	775	-1807	-976	4822	3617
1977 REGIONAL 50 HR S/D W/EXT WEATH	3142	3701	3868	2060	-5800	-5347	-6530	-4700	-3400	-3475	-2560	-879	525	1994
1978 REGIONAL 50 HR S/D W/EXT WEATH	1356	218	86	-1822	-4570	-2780	-3401	-4076	854	729	-1496	526	4385	3443

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2005- 6 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	3060	1187	716	1262	-5594	-5068	-7334	-5370	-3407	-2463	-420	-1182	4739	3239
1930 REGIONAL 50 HR S/D W/EXT WEATH	2808	720	519	-1461	-5201	-3699	-7649	-8100	-3558	504	1283	-2730	38	2428
1931 REGIONAL 50 HR S/D W/EXT WEATH	2252	2657	480	-1553	-5147	-4583	-7741	-8873	-3578	1437	-2863	1300	726	2540
1932 REGIONAL 50 HR S/D W/EXT WEATH	2318	511	327	-1447	-4477	-5411	-9099	-5743	892	1409	181	614	4738	3272
1933 REGIONAL 50 HR S/D W/EXT WEATH	3013	3544	1540	1169	-4327	-3795	-3432	-4400	-2301	730	62	-125	4275	3392
1934 REGIONAL 50 HR S/D W/EXT WEATH	3083	3502	3961	2380	-2813	-2687	-3476	-4038	910	1060	-31	-229	2684	75
1935 REGIONAL 50 HR S/D W/EXT WEATH	795	159	612	-982	-4620	-3618	-5523	-4261	316	705	32	20	4186	3035
1936 REGIONAL 50 HR S/D W/EXT WEATH	2853	868	995	-790	-5845	-4201	-6896	-4924	-3226	-136	846	1489	4899	3203
1937 REGIONAL 50 HR S/D W/EXT WEATH	3037	897	779	-1193	-5305	-4527	-7864	-8501	-3619	-2463	-3453	1163	3962	3062
1938 REGIONAL 50 HR S/D W/EXT WEATH	2442	1096	484	-947	-3765	-3179	-3402	-4102	447	810	185	98	4581	3328
1939 REGIONAL 50 HR S/D W/EXT WEATH	3102	951	616	-330	-5688	-4709	-7364	-3569	1277	1819	1018	1169	-264	3021
1940 REGIONAL 50 HR S/D W/EXT WEATH	2963	901	819	647	-4935	-4688	-4927	-3422	1396	1969	1074	1168	-129	2563
1941 REGIONAL 50 HR S/D W/EXT WEATH	1970	516	489	629	-5767	-4466	-5553	-5982	-1809	-1922	-477	363	2924	1888
1942 REGIONAL 50 HR S/D W/EXT WEATH	545	-202	403	878	-3394	-2736	-3522	-3888	-3251	1346	728	1133	4280	3165
1943 REGIONAL 50 HR S/D W/EXT WEATH	2991	3539	1196	473	-5075	-4434	-3513	-4013	866	1339	349	115	4631	3410
1944 REGIONAL 50 HR S/D W/EXT WEATH	3067	3562	2746	1435	-5567	-4807	-7219	-4419	-3397	-2512	-2207	-289	1708	1480
1945 REGIONAL 50 HR S/D W/EXT WEATH	1428	201	497	-1597	-4852	-3514	-9184	-8085	-3738	-1591	-628	1320	4674	3332
1946 REGIONAL 50 HR S/D W/EXT WEATH	3022	2389	1419	-564	-4466	-2714	-3241	-3795	680	1228	322	406	4842	3470
1947 REGIONAL 50 HR S/D W/EXT WEATH	3146	1597	2566	1859	-3786	-2579	-3347	-3896	612	1269	228	140	4360	2782
1948 REGIONAL 50 HR S/D W/EXT WEATH	3090	1017	2049	2601	-2347	-2733	-3174	-3544	886	1153	124	-433	3961	3369
1949 REGIONAL 50 HR S/D W/EXT WEATH	3121	3548	4067	2396	-4903	-5553	-3506	-3979	865	1081	-32	916	4696	2728
1950 REGIONAL 50 HR S/D W/EXT WEATH	1759	911	590	-1075	-5666	-3253	-3303	-3825	605	1108	-40	-540	2738	3523
1951 REGIONAL 50 HR S/D W/EXT WEATH	3238	3712	4151	2662	-2400	-2431	-3070	-3814	706	1134	-456	-317	4555	3350
1952 REGIONAL 50 HR S/D W/EXT WEATH	3112	3595	4087	2654	-2308	-2758	-3321	-3843	700	1334	320	-565	4900	3381
1953 REGIONAL 50 HR S/D W/EXT WEATH	3095	1071	952	-366	-5654	-4742	-4395	-3142	560	369	805	865	4516	3561
1954 REGIONAL 50 HR S/D W/EXT WEATH	3148	3638	2873	2164	-4152	-3838	-3099	-3342	842	963	131	-61	3828	3399
1955 REGIONAL 50 HR S/D W/EXT WEATH	3225	3718	4192	2379	-2531	-3766	-3137	-4707	-3290	2238	954	1264	4627	3363
1956 REGIONAL 50 HR S/D W/EXT WEATH	3107	3546	3982	2444	-2575	-2499	-3194	-4018	312	545	-629	-548	3425	3443
1957 REGIONAL 50 HR S/D W/EXT WEATH	3202	3654	3669	2467	-4699	-3132	-3138	-3216	1054	1263	480	-112	4468	3253
1958 REGIONAL 50 HR S/D W/EXT WEATH	3037	849	1007	-144	-6134	-5144	-3070	-3262	1222	1567	827	891	5157	2801
1959 REGIONAL 50 HR S/D W/EXT WEATH	2744	1258	927	1665	-3031	-2593	-3182	-4150	502	1138	196	74	3799	3250
1960 REGIONAL 50 HR S/D W/EXT WEATH	3000	3579	3925	2595	-2629	-2618	-3434	-3593	1521	1626	642	653	4719	3340
1961 REGIONAL 50 HR S/D W/EXT WEATH	3021	991	925	1303	-3762	-6026	-3376	-3710	1108	1400	-49	397	2671	3118
1962 REGIONAL 50 HR S/D W/EXT WEATH	2938	1903	730	1576	-5686	-4994	-3567	-3858	-1288	1831	615	846	4941	3246
1963 REGIONAL 50 HR S/D W/EXT WEATH	3080	3568	1084	2397	-2441	-2686	-3337	-3376	-823	2693	1466	1515	4675	3105
1964 REGIONAL 50 HR S/D W/EXT WEATH	2997	3424	3172	1105	-5586	-5524	-3138	-3522	-1864	1398	243	-81	3137	3428
1965 REGIONAL 50 HR S/D W/EXT WEATH	3084	3562	4145	2348	-2439	-2659	-3531	-3883	545	926	3	56	4395	3057
1966 REGIONAL 50 HR S/D W/EXT WEATH	2743	3552	3721	2409	-2878	-4210	-3090	-3462	-611	2256	840	820	4435	3383
1967 REGIONAL 50 HR S/D W/EXT WEATH	3071	1398	1408	902	-5588	-3882	-3139	-3704	395	881	-3283	-516	4009	3073
1968 REGIONAL 50 HR S/D W/EXT WEATH	2978	3495	3957	2389	-3452	-4128	-3161	-3435	1312	172	-1153	1003	4538	2940
1969 REGIONAL 50 HR S/D W/EXT WEATH	2876	3506	3956	2509	-2379	-2698	-3253	-3615	979	1290	89	-149	5120	3153
1970 REGIONAL 50 HR S/D W/EXT WEATH	3090	1081	1591	2373	-5235	-5584	-3033	-3197	1499	1645	662	1010	4564	3052
1971 REGIONAL 50 HR S/D W/EXT WEATH	2915	1203	1014	772	-5150	-2784	-3008	-3510	726	879	-331	-902	3505	3655
1972 REGIONAL 50 HR S/D W/EXT WEATH	3302	3793	4179	2318	-3496	-3734	-3273	-3977	371	855	-368	-1192	3363	3102
1973 REGIONAL 50 HR S/D W/EXT WEATH	3140	3655	4153	2351	-4284	-3155	-3007	-3243	-1090	-2618	-3525	448	2812	2269
1974 REGIONAL 50 HR S/D W/EXT WEATH	1993	267	583	-670	-3348	-2599	-3304	-3812	668	697	-738	-2251	3307	3549
1975 REGIONAL 50 HR S/D W/EXT WEATH	3269	3766	4168	865	-5403	-4507	-2989	-3301	896	1031	-69	-389	4047	3380
1976 REGIONAL 50 HR S/D W/EXT WEATH	3022	3539	2553	2518	-2180	-2460	-3046	-3717	1006	1406	-74	-1086	4779	3490
1977 REGIONAL 50 HR S/D W/EXT WEATH	3152	3712	4179	2297	-5595	-5383	-6526	-4643	-3522	-2843	-807	-973	495	1878
1978 REGIONAL 50 HR S/D W/EXT WEATH	1389	228	397	-1585	-4346	-2837	-3424	-4027	731	1361	236	416	4342	3316

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2006- 7 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	2949	1103	441	1166	-5704	-5122	-7694	-5856	-3494	-2644	-1834	-2194	4333	2891
1930 REGIONAL 50 HR S/D W/EXT WEATH	2697	611	246	-1574	-5290	-3759	-8015	-8581	-3645	337	-148	-3729	-360	2083
1931 REGIONAL 50 HR S/D W/EXT WEATH	2142	2560	185	-1667	-5237	-4638	-8111	-9370	-3667	1267	-4262	273	325	2195
1932 REGIONAL 50 HR S/D W/EXT WEATH	2226	400	31	-1562	-4569	-5462	-9491	-6224	805	1227	-1250	-411	4325	2925
1933 REGIONAL 50 HR S/D W/EXT WEATH	2903	3433	1259	1070	-4417	-3853	-3824	-4898	-2361	547	-1369	-1150	3861	3046
1934 REGIONAL 50 HR S/D W/EXT WEATH	2971	3391	3666	2267	-2923	-2761	-3869	-4535	824	878	-1461	-1253	2286	-271
1935 REGIONAL 50 HR S/D W/EXT WEATH	711	49	317	-1095	-4713	-3676	-3916	-4760	228	524	-1399	-1004	3774	2689
1936 REGIONAL 50 HR S/D W/EXT WEATH	2743	758	700	-903	-5955	-4255	-7266	-5404	-3299	-302	-586	465	4485	2857
1937 REGIONAL 50 HR S/D W/EXT WEATH	2926	787	502	-1306	-5392	-4581	-8232	-8982	-3707	-2646	-4884	136	3559	2727
1938 REGIONAL 50 HR S/D W/EXT WEATH	2353	1013	189	-1061	-3858	-3238	-3793	-4601	359	628	-1248	-928	4168	2982
1939 REGIONAL 50 HR S/D W/EXT WEATH	2991	841	322	-426	-5799	-4765	-7724	-4067	1188	1637	-412	144	-656	2676
1940 REGIONAL 50 HR S/D W/EXT WEATH	2852	791	542	552	-5021	-4742	-5293	-3919	1310	1788	-356	143	-519	2217
1941 REGIONAL 50 HR S/D W/EXT WEATH	1880	406	194	531	-5854	-4523	-5919	-6466	-1876	-2081	-1892	-649	2517	1551
1942 REGIONAL 50 HR S/D W/EXT WEATH	459	-312	107	778	-3488	-2810	-3914	-4386	-3340	1175	-692	107	3868	2820
1943 REGIONAL 50 HR S/D W/EXT WEATH	2881	3428	919	375	-5168	-4490	-3906	-4511	777	1157	-1083	-910	4218	3064
1944 REGIONAL 50 HR S/D W/EXT WEATH	2956	3451	2466	1335	-5677	-4861	-7583	-4908	-3485	-2693	-3614	-1302	1305	1143
1945 REGIONAL 50 HR S/D W/EXT WEATH	1335	91	200	-1711	-4946	-3575	-9577	-8568	-3826	-1751	-2047	296	4260	2987
1946 REGIONAL 50 HR S/D W/EXT WEATH	2911	2295	1141	-678	-4556	-2788	-3632	-4293	592	1046	-1111	-619	4428	3124
1947 REGIONAL 50 HR S/D W/EXT WEATH	3035	1506	2284	1760	-3878	-2653	-3739	-4394	523	1088	-1203	-885	3947	2435
1948 REGIONAL 50 HR S/D W/EXT WEATH	2979	907	1771	2488	-2457	-2807	-3567	-4042	798	970	-1308	-1458	3549	3023
1949 REGIONAL 50 HR S/D W/EXT WEATH	3010	3437	3771	2281	-4994	-5606	-3898	-4478	778	899	-1462	-109	4282	2399
1950 REGIONAL 50 HR S/D W/EXT WEATH	1667	801	295	-1189	-5776	-3314	-3696	-4323	518	925	-1471	-1564	2324	3175
1951 REGIONAL 50 HR S/D W/EXT WEATH	3128	3601	3856	2548	-2510	-2505	-3462	-4312	620	951	-1886	-1342	4141	3005
1952 REGIONAL 50 HR S/D W/EXT WEATH	3001	3484	3792	2540	-2420	-2832	-3712	-4341	613	1152	-1110	-1590	4487	3035
1953 REGIONAL 50 HR S/D W/EXT WEATH	2985	961	680	-460	-5765	-4796	-4770	-3640	472	213	-626	-159	4104	3215
1954 REGIONAL 50 HR S/D W/EXT WEATH	3038	3527	2597	2063	-4244	-3897	-3490	-3841	754	781	-1299	-1086	3414	3053
1955 REGIONAL 50 HR S/D W/EXT WEATH	3115	3607	3898	2265	-2641	-3821	-3529	-5187	-3378	2056	-467	239	4213	3016
1956 REGIONAL 50 HR S/D W/EXT WEATH	2996	3435	3687	2330	-2685	-2573	-3585	-4516	225	363	-2060	-1575	3012	3097
1957 REGIONAL 50 HR S/D W/EXT WEATH	3090	3544	3388	2352	-4790	-3194	-3530	-3714	967	1082	-951	-1137	4054	2908
1958 REGIONAL 50 HR S/D W/EXT WEATH	2926	739	730	-241	-6220	-5199	-3462	-3760	1134	1386	-604	-135	4744	2469
1959 REGIONAL 50 HR S/D W/EXT WEATH	2633	1167	656	1563	-3129	-2667	-3575	-4648	414	956	-1234	-951	3386	2905
1960 REGIONAL 50 HR S/D W/EXT WEATH	2889	3468	3631	2480	-2739	-2693	-3826	-4092	1433	1444	-789	-372	4305	2994
1961 REGIONAL 50 HR S/D W/EXT WEATH	2910	881	631	1206	-3854	-6075	-3768	-4209	1019	1218	-1466	-629	2258	2772
1962 REGIONAL 50 HR S/D W/EXT WEATH	2828	1813	434	1476	-5796	-5049	-3960	-4357	-1354	1649	-816	-179	4528	2901
1963 REGIONAL 50 HR S/D W/EXT WEATH	2969	3457	811	2283	-2551	-2760	-3730	-3873	-886	2512	34	490	4262	2759
1964 REGIONAL 50 HR S/D W/EXT WEATH	2887	3325	2893	1009	-5683	-5577	-3530	-4021	-1925	1215	-1188	-1108	2722	3082
1965 REGIONAL 50 HR S/D W/EXT WEATH	2973	3452	3850	2234	-2537	-2733	-3923	-4381	457	744	-1429	-970	3982	2710
1966 REGIONAL 50 HR S/D W/EXT WEATH	2633	3441	3439	2295	-2975	-4267	-3483	-3960	-678	2074	-591	-206	4033	3036
1967 REGIONAL 50 HR S/D W/EXT WEATH	2960	1308	1130	806	-5676	-3938	-3532	-4201	308	699	-4715	-1542	3597	2727
1968 REGIONAL 50 HR S/D W/EXT WEATH	2867	3384	3663	2274	-3550	-4186	-3552	-3934	1223	12	-2567	-22	4124	2594
1969 REGIONAL 50 HR S/D W/EXT WEATH	2766	3395	3662	2395	-2489	-2773	-3646	-4113	893	1109	-1343	-1174	4706	2806
1970 REGIONAL 50 HR S/D W/EXT WEATH	2979	971	1316	2260	-5320	-5641	-3425	-3696	1413	1480	-769	-15	4149	2706
1971 REGIONAL 50 HR S/D W/EXT WEATH	2805	1111	719	676	-5239	-2847	-3399	-4009	638	697	-1764	-1927	3092	3309
1972 REGIONAL 50 HR S/D W/EXT WEATH	3191	3684	3883	2217	-3591	-3792	-3665	-4475	283	674	-1799	-2217	2951	2756
1973 REGIONAL 50 HR S/D W/EXT WEATH	3030	3545	3858	2237	-4374	-3217	-3399	-3741	-1157	-2801	-4922	-566	2409	1923
1974 REGIONAL 50 HR S/D W/EXT WEATH	1882	157	288	-766	-3442	-2674	-3697	-4309	581	516	-2168	-3279	2895	3203
1975 REGIONAL 50 HR S/D W/EXT WEATH	3158	3656	3873	768	-5513	-4563	-3380	-3799	809	849	-1501	-1415	3633	3032
1976 REGIONAL 50 HR S/D W/EXT WEATH	2911	3429	2277	2404	-2291	-2534	-3438	-4216	917	1224	-1506	-2111	4364	3144
1977 REGIONAL 50 HR S/D W/EXT WEATH	3040	3602	3883	2183	-5705	-5439	-6889	-5130	-3610	-3026	-2219	-1980	97	1541
1978 REGIONAL 50 HR S/D W/EXT WEATH	1303	118	101	-1700	-4443	-2911	-3817	-4525	643	1178	-1194	-610	3929	2970

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2007- 8 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	2590	761	33	861	-6269	-5470	-8145	-6212	-4027	-2886	-814	-1578	4636	3099
1930 REGIONAL 50 HR S/D W/EXT WEATH	2338	250	-166	-1891	-5835	-4112	-8471	-8934	-4178	108	858	-3102	-47	2290
1931 REGIONAL 50 HR S/D W/EXT WEATH	1781	2217	-242	-1984	-5784	-4989	-8567	-9738	-4200	1034	-3226	877	638	2402
1932 REGIONAL 50 HR S/D W/EXT WEATH	1891	40	-396	-1879	-5114	-5809	-9969	-6581	271	985	-245	192	4622	3133
1933 REGIONAL 50 HR S/D W/EXT WEATH	2543	3074	847	767	-4967	-4206	-4302	-5265	-2866	305	-363	-546	4159	3254
1934 REGIONAL 50 HR S/D W/EXT WEATH	2612	3033	3238	1950	-3488	-3128	-4346	-4902	290	635	-455	-650	2596	-63
1935 REGIONAL 50 HR S/D W/EXT WEATH	373	-312	-109	-1412	-5259	-4029	-4393	-5127	-305	281	-394	-400	4070	2897
1936 REGIONAL 50 HR S/D W/EXT WEATH	2383	398	273	-1220	-6519	-4607	-7723	-5755	-3819	-530	420	1068	4782	3064
1937 REGIONAL 50 HR S/D W/EXT WEATH	2568	427	95	-1623	-5936	-4933	-8684	-9336	-4240	-2888	-3879	741	3863	2947
1938 REGIONAL 50 HR S/D W/EXT WEATH	2009	675	-238	-1378	-4408	-3593	-4271	-4969	-173	386	-242	-324	4466	3190
1939 REGIONAL 50 HR S/D W/EXT WEATH	2632	481	-106	-723	-6363	-5116	-8175	-4433	656	1395	592	747	-340	2883
1940 REGIONAL 50 HR S/D W/EXT WEATH	2493	430	136	251	-5566	-5093	-5749	-4288	776	1545	649	746	-205	2424
1941 REGIONAL 50 HR S/D W/EXT WEATH	1539	45	-233	229	-6398	-4873	-6379	-6821	-2393	-2306	-871	-35	2823	1766
1942 REGIONAL 50 HR S/D W/EXT WEATH	121	-672	-319	475	-4040	-3176	-4392	-4753	-3873	942	325	710	4165	3027
1943 REGIONAL 50 HR S/D W/EXT WEATH	2522	3068	509	76	-5711	-4844	-4384	-4879	244	916	-76	-308	4515	3271
1944 REGIONAL 50 HR S/D W/EXT WEATH	2597	3091	2053	1033	-6241	-5211	-8031	-5266	-4018	-2935	-2586	-688	1614	1363
1945 REGIONAL 50 HR S/D W/EXT WEATH	995	-271	-227	-2027	-5492	-3927	-10055	-8922	-4359	-1975	-1032	899	4558	3194
1946 REGIONAL 50 HR S/D W/EXT WEATH	2553	1949	730	-995	-5103	-3155	-4110	-4661	59	804	-104	-16	4727	3332
1947 REGIONAL 50 HR S/D W/EXT WEATH	2676	1170	1871	1453	-4427	-3021	-4216	-4762	-10	846	-197	-281	4244	2644
1948 REGIONAL 50 HR S/D W/EXT WEATH	2619	546	1358	2171	-3021	-3175	-4045	-4410	265	728	-302	-855	3845	3231
1949 REGIONAL 50 HR S/D W/EXT WEATH	2651	3077	3343	1964	-5541	-5957	-4376	-4846	245	657	-457	494	4580	2620
1950 REGIONAL 50 HR S/D W/EXT WEATH	1327	441	-133	-1507	-6339	-3667	-4174	-4692	-15	684	-467	-962	2621	3383
1951 REGIONAL 50 HR S/D W/EXT WEATH	2768	3242	3427	2230	-3075	-2872	-3940	-4680	87	711	-881	-738	4439	3213
1952 REGIONAL 50 HR S/D W/EXT WEATH	2641	3124	3365	2223	-2983	-3199	-4190	-4708	79	911	-105	-988	4784	3244
1953 REGIONAL 50 HR S/D W/EXT WEATH	2626	600	271	-760	-6328	-5145	-5237	-4007	-61	-8	379	444	4401	3422
1954 REGIONAL 50 HR S/D W/EXT WEATH	2679	3168	2181	1761	-4794	-4250	-3968	-4209	221	540	-295	-482	3712	3261
1955 REGIONAL 50 HR S/D W/EXT WEATH	2756	3248	3470	1948	-3205	-4174	-4007	-5538	-3912	1813	547	843	4510	3224
1956 REGIONAL 50 HR S/D W/EXT WEATH	2637	3076	3261	2013	-3250	-2939	-4063	-4882	-308	121	-1054	-972	3309	3305
1957 REGIONAL 50 HR S/D W/EXT WEATH	2731	3185	2974	2035	-5338	-3549	-4007	-4082	433	840	54	-532	4351	3116
1958 REGIONAL 50 HR S/D W/EXT WEATH	2567	379	317	-542	-6763	-5551	-3940	-4128	601	1143	400	468	5042	2693
1959 REGIONAL 50 HR S/D W/EXT WEATH	2274	826	246	1260	-3681	-3034	-4052	-5015	-119	716	-228	-348	3683	3112
1960 REGIONAL 50 HR S/D W/EXT WEATH	2530	3108	3202	2163	-3303	-3060	-4304	-4459	900	1204	217	232	4602	3202
1961 REGIONAL 50 HR S/D W/EXT WEATH	2551	521	204	903	-4403	-6423	-4246	-4577	486	976	-450	-26	2554	2980
1962 REGIONAL 50 HR S/D W/EXT WEATH	2468	1470	7	1173	-6361	-5399	-4438	-4723	-1867	1407	190	425	4824	3109
1963 REGIONAL 50 HR S/D W/EXT WEATH	2609	3097	399	1966	-3116	-3128	-4208	-4241	-1397	2270	1041	1093	4559	2968
1964 REGIONAL 50 HR S/D W/EXT WEATH	2528	2981	2480	708	-6227	-5928	-4008	-4389	-2433	972	-182	-504	3020	3289
1965 REGIONAL 50 HR S/D W/EXT WEATH	2613	3092	3422	1917	-3090	-3100	-4400	-4748	-76	503	-424	-367	4279	2918
1966 REGIONAL 50 HR S/D W/EXT WEATH	2273	3082	3024	1978	-3528	-4617	-3960	-4328	-1190	1832	415	398	4342	3243
1967 REGIONAL 50 HR S/D W/EXT WEATH	2600	967	723	505	-6221	-4291	-4009	-4569	-225	457	-3709	-939	3894	2934
1968 REGIONAL 50 HR S/D W/EXT WEATH	2509	3024	3235	1958	-4098	-4535	-4031	-4301	691	-208	-1544	580	4421	2802
1969 REGIONAL 50 HR S/D W/EXT WEATH	2406	3036	3233	2078	-3053	-3139	-4122	-4481	360	867	-338	-572	5004	3013
1970 REGIONAL 50 HR S/D W/EXT WEATH	2620	611	904	1942	-5864	-5989	-3903	-4062	880	1252	236	588	4447	2914
1971 REGIONAL 50 HR S/D W/EXT WEATH	2446	770	293	375	-5789	-3205	-3876	-4376	104	455	-757	-1324	3390	3517
1972 REGIONAL 50 HR S/D W/EXT WEATH	2832	3324	3456	1911	-4139	-4146	-4142	-4842	-250	433	-795	-1614	3247	2964
1973 REGIONAL 50 HR S/D W/EXT WEATH	2671	3186	3431	1919	-4923	-3570	-3877	-4108	-1674	-3042	-3890	46	2715	2131
1974 REGIONAL 50 HR S/D W/EXT WEATH	1523	-204	-139	-1066	-3997	-3041	-4174	-4677	47	274	-1164	-2675	3191	3409
1975 REGIONAL 50 HR S/D W/EXT WEATH	2798	3296	3444	466	-6076	-4915	-3858	-4167	276	608	-495	-811	3930	3240
1976 REGIONAL 50 HR S/D W/EXT WEATH	2551	3070	1863	2087	-2855	-2901	-3915	-4583	384	982	-502	-1509	4662	3352
1977 REGIONAL 50 HR S/D W/EXT WEATH	2682	3243	3457	1865	-6270	-5788	-7339	-5487	-4143	-3268	-1196	-1363	408	1760
1978 REGIONAL 50 HR S/D W/EXT WEATH	961	-242	-326	-2015	-4989	-3278	-4295	-4892	110	937	-190	-8	4226	3177

REGIONAL CAPACITY ANALYSIS

REGIONAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
FOR THE 50 HISTORICAL WATER YEARS ON RECORD (REGION TABLE 1 LINE 35)

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG 1-15	AUG 16-31	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR 1-15	APR 16-30	MAY	JUN	JUL
1929 REGIONAL 50 HR S/D W/EXT WEATH	2851	1031	578	783	-6218	-5929	-8414	-6573	-4292	-3109	-2273	-2340	4688	3234
1930 REGIONAL 50 HR S/D W/EXT WEATH	2598	511	378	-1978	-5773	-4572	-8745	-9292	-4443	-110	-611	-3857	10	2425
1931 REGIONAL 50 HR S/D W/EXT WEATH	2042	2483	294	-2072	-5724	-5447	-8841	-10103	-4465	815	-4679	109	694	2536
1932 REGIONAL 50 HR S/D W/EXT WEATH	2161	301	140	-1967	-5053	-6268	-10252	-6941	6	762	-1714	-577	4672	3268
1933 REGIONAL 50 HR S/D W/EXT WEATH	2803	3334	1391	688	-4909	-4667	-4584	-5630	-3120	83	-1833	-1314	4208	3387
1934 REGIONAL 50 HR S/D W/EXT WEATH	2874	3293	3773	1862	-3437	-3592	-4629	-5267	24	413	-1925	-1418	2649	70
1935 REGIONAL 50 HR S/D W/EXT WEATH	646	-50	426	-1500	-5201	-4490	-4675	-5491	-571	59	-1862	-1168	4120	3032
1936 REGIONAL 50 HR S/D W/EXT WEATH	2644	660	809	-1308	-6468	-5065	-7996	-6111	-4080	-745	-1049	300	4832	3199
1937 REGIONAL 50 HR S/D W/EXT WEATH	2829	688	637	-1711	-5873	-5391	-8957	-9694	-4506	-3110	-5347	-27	3916	3085
1938 REGIONAL 50 HR S/D W/EXT WEATH	2279	943	297	-1466	-4350	-4053	-4553	-5333	-439	164	-1711	-1092	4515	3324
1939 REGIONAL 50 HR S/D W/EXT WEATH	2892	742	429	-805	-6311	-5575	-8446	-4798	389	1173	-877	-20	-282	3017
1940 REGIONAL 50 HR S/D W/EXT WEATH	2753	691	681	171	-5507	-5552	-6021	-4651	510	1322	-820	-22	-147	2559
1941 REGIONAL 50 HR S/D W/EXT WEATH	1809	307	312	150	-6339	-5332	-6650	-7180	-2654	-2522	-2333	-797	2875	1904
1942 REGIONAL 50 HR S/D W/EXT WEATH	392	-411	217	394	-3983	-3642	-4675	-5117	-4138	723	-1139	-57	4214	3161
1943 REGIONAL 50 HR S/D W/EXT WEATH	2782	3330	1051	-6	-5652	-5303	-4666	-5242	-22	693	-1546	-1075	4564	3405
1944 REGIONAL 50 HR S/D W/EXT WEATH	2857	3351	2593	951	-6190	-5670	-8303	-5626	-4283	-3157	-4043	-1452	1666	1501
1945 REGIONAL 50 HR S/D W/EXT WEATH	1266	-10	310	-2115	-5434	-4388	-10337	-9281	-4624	-2187	-2496	131	4606	3327
1946 REGIONAL 50 HR S/D W/EXT WEATH	2813	2220	1274	-1082	-5044	-3620	-4392	-5025	-207	583	-1574	-784	4776	3467
1947 REGIONAL 50 HR S/D W/EXT WEATH	2936	1439	2413	1373	-4372	-3487	-4498	-5125	-275	623	-1666	-1049	4294	2778
1948 REGIONAL 50 HR S/D W/EXT WEATH	2880	807	1901	2083	-2969	-3640	-4327	-4773	0	506	-1771	-1624	3895	3365
1949 REGIONAL 50 HR S/D W/EXT WEATH	2913	3338	3879	1877	-5481	-6412	-4658	-5209	-22	435	-1926	-273	4629	2756
1950 REGIONAL 50 HR S/D W/EXT WEATH	1596	703	403	-1594	-6288	-4127	-4455	-5056	-282	462	-1934	-1730	2670	3518
1951 REGIONAL 50 HR S/D W/EXT WEATH	3029	3503	3962	2142	-3024	-3337	-4221	-5045	-180	488	-2350	-1507	4489	3346
1952 REGIONAL 50 HR S/D W/EXT WEATH	2902	3385	3900	2135	-2932	-3665	-4472	-5072	-187	688	-1573	-1755	4833	3377
1953 REGIONAL 50 HR S/D W/EXT WEATH	2886	862	812	-838	-6277	-5602	-5511	-4371	-328	-220	-1089	-324	4450	3555
1954 REGIONAL 50 HR S/D W/EXT WEATH	2939	3429	2721	1679	-4734	-4709	-4249	-4572	-45	316	-1763	-1249	3761	3394
1955 REGIONAL 50 HR S/D W/EXT WEATH	3016	3508	4005	1861	-3153	-4632	-4288	-5896	-4177	1591	-917	76	4560	3359
1956 REGIONAL 50 HR S/D W/EXT WEATH	2898	3336	3796	1925	-3199	-3404	-4345	-5248	-574	-100	-2523	-1739	3359	3439
1957 REGIONAL 50 HR S/D W/EXT WEATH	2991	3445	3514	1948	-5280	-4010	-4290	-4445	168	618	-1414	-1300	4401	3250
1958 REGIONAL 50 HR S/D W/EXT WEATH	2827	640	864	-622	-6703	-6010	-4222	-4492	335	921	-1068	-299	5091	2834
1959 REGIONAL 50 HR S/D W/EXT WEATH	2534	1099	787	1172	-3625	-3500	-4333	-5380	-385	493	-1697	-1115	3731	3245
1960 REGIONAL 50 HR S/D W/EXT WEATH	2790	3369	3739	2075	-3252	-3523	-4586	-4823	635	980	-1252	-536	4652	3337
1961 REGIONAL 50 HR S/D W/EXT WEATH	2811	782	739	823	-4347	-6884	-4529	-4940	220	753	-1915	-794	2603	3114
1962 REGIONAL 50 HR S/D W/EXT WEATH	2728	1741	542	1092	-6310	-5857	-4720	-5088	-2129	1186	-1279	-343	4874	3243
1963 REGIONAL 50 HR S/D W/EXT WEATH	2869	3358	946	1878	-3065	-3593	-4490	-4606	-1652	2047	-429	326	4608	3102
1964 REGIONAL 50 HR S/D W/EXT WEATH	2788	3248	3022	627	-6167	-6383	-4290	-4752	-2690	751	-1652	-1272	3069	3423
1965 REGIONAL 50 HR S/D W/EXT WEATH	2874	3352	3958	1829	-3035	-3566	-4683	-5112	-342	280	-1893	-1135	4329	3053
1966 REGIONAL 50 HR S/D W/EXT WEATH	2534	3342	3564	1891	-3469	-5076	-4243	-4692	-1446	1610	-1054	-371	4395	3378
1967 REGIONAL 50 HR S/D W/EXT WEATH	2860	1240	1264	425	-6160	-4751	-4291	-4933	-491	235	-5178	-1706	3944	3068
1968 REGIONAL 50 HR S/D W/EXT WEATH	2770	3284	3771	1870	-4042	-4997	-4312	-4666	425	-424	-3005	-187	4471	2937
1969 REGIONAL 50 HR S/D W/EXT WEATH	2667	3296	3769	1991	-3002	-3604	-4405	-4845	93	644	-1806	-1339	5053	3147
1970 REGIONAL 50 HR S/D W/EXT WEATH	2881	872	1448	1854	-5804	-6447	-4186	-4427	614	1035	-1233	-180	4496	3049
1971 REGIONAL 50 HR S/D W/EXT WEATH	2706	1041	828	293	-5729	-3666	-4159	-4741	-161	233	-2227	-2092	3439	3650
1972 REGIONAL 50 HR S/D W/EXT WEATH	3092	3584	3991	1830	-4083	-4604	-4424	-5207	-516	209	-2262	-2382	3295	3098
1973 REGIONAL 50 HR S/D W/EXT WEATH	2931	3447	3966	1833	-4864	-4031	-4159	-4473	-1932	-3265	-5347	-720	2768	2266
1974 REGIONAL 50 HR S/D W/EXT WEATH	1784	58	396	-1147	-3940	-3507	-4456	-5042	-218	51	-2632	-3442	3241	3543
1975 REGIONAL 50 HR S/D W/EXT WEATH	3059	3556	3980	386	-6025	-5374	-4141	-4531	10	385	-1964	-1578	3979	3374
1976 REGIONAL 50 HR S/D W/EXT WEATH	2812	3331	2403	2000	-2804	-3366	-4198	-4947	119	759	-1970	-2276	4712	3486
1977 REGIONAL 50 HR S/D W/EXT WEATH	2942	3503	3992	1778	-6219	-6247	-7610	-5847	-4409	-3490	-2657	-2125	466	1901
1978 REGIONAL 50 HR S/D W/EXT WEATH	1232	18	210	-2104	-4934	-3744	-4577	-5256	-155	714	-1657	-775	4275	3311

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

1999-0 OPERATING YEAR

RUN DATE: 12/31/98

ENERGY IN AVERAGE MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	2940	927	611	1350	-1641	-286	-1076	552	430	1018	2505	717	3441	2423
1930 FEDERAL 50 HR S/D W/EXT WEATH	2900	927	611	-368	-997	1357	-1559	-2062	430	3812	4461	-729	-485	2402
1931 FEDERAL 50 HR S/D W/EXT WEATH	2884	3009	611	-368	-803	881	-1673	-2709	430	5024	176	3523	240	2351
1932 FEDERAL 50 HR S/D W/EXT WEATH	2249	927	611	-368	-309	-345	-2948	367	4760	4588	2993	2344	3365	2398
1933 FEDERAL 50 HR S/D W/EXT WEATH	2935	3472	1603	1286	-385	1025	2473	1657	1200	3996	2814	2119	2992	2503
1934 FEDERAL 50 HR S/D W/EXT WEATH	2995	3506	3227	2394	1193	2062	2223	1714	4325	3984	2919	2055	2113	-109
1935 FEDERAL 50 HR S/D W/EXT WEATH	1115	927	611	-368	-522	1274	2415	1704	4076	4029	2758	2013	3038	2303
1936 FEDERAL 50 HR S/D W/EXT WEATH	2878	927	611	-368	-1640	837	-982	1042	430	3068	3584	3161	3419	2421
1937 FEDERAL 50 HR S/D W/EXT WEATH	2911	927	630	-368	-1268	439	-1918	-2443	430	1018	-380	3227	2735	2196
1938 FEDERAL 50 HR S/D W/EXT WEATH	2195	968	611	-368	239	1560	2469	1672	4086	4133	3021	1978	3176	2388
1939 FEDERAL 50 HR S/D W/EXT WEATH	2929	927	611	81	-1633	104	-1616	2347	4836	4964	3755	3042	-1389	2417
1940 FEDERAL 50 HR S/D W/EXT WEATH	2900	927	722	995	-851	136	842	2361	5056	5156	4060	2897	-882	2409
1941 FEDERAL 50 HR S/D W/EXT WEATH	2386	927	611	1320	-1417	479	363	-154	2060	1842	2997	2585	2882	2089
1942 FEDERAL 50 HR S/D W/EXT WEATH	1418	927	611	1647	784	2012	2447	1933	430	4918	3940	3409	3719	2435
1943 FEDERAL 50 HR S/D W/EXT WEATH	2930	3458	824	728	-1146	260	2488	1750	4420	4215	3006	1874	3222	2434
1944 FEDERAL 50 HR S/D W/EXT WEATH	2967	3476	1794	1352	-1623	-52	-1126	1353	430	1018	1031	1980	1440	1616
1945 FEDERAL 50 HR S/D W/EXT WEATH	1842	927	611	-368	-581	1453	-2952	-2156	430	1679	2594	3089	3674	2439
1946 FEDERAL 50 HR S/D W/EXT WEATH	2938	2182	1136	-368	-620	2068	2530	1791	4346	4444	3142	2149	3383	2416
1947 FEDERAL 50 HR S/D W/EXT WEATH	2938	1273	2277	1847	-74	2083	2493	1721	4247	4361	3017	2031	3476	2385
1948 FEDERAL 50 HR S/D W/EXT WEATH	2928	927	1866	2449	1539	2088	2592	2100	4542	4283	2907	1304	2994	2443
1949 FEDERAL 50 HR S/D W/EXT WEATH	2987	3499	3253	2339	-1139	-842	2494	1825	4470	4370	2752	2481	3372	1776
1950 FEDERAL 50 HR S/D W/EXT WEATH	1490	927	611	-368	-1630	1433	2562	1848	4199	4176	2803	1527	1535	2396
1951 FEDERAL 50 HR S/D W/EXT WEATH	2990	3505	3251	2464	1282	2124	2495	1539	4227	4198	2419	1626	3124	2333
1952 FEDERAL 50 HR S/D W/EXT WEATH	3002	3509	3229	2444	1514	2066	2464	1748	4336	4432	2950	1174	3354	2433
1953 FEDERAL 50 HR S/D W/EXT WEATH	2930	927	611	-125	-1642	306	1357	2385	4597	3436	3464	2530	3093	2488
1954 FEDERAL 50 HR S/D W/EXT WEATH	2967	3469	1916	2130	-300	862	2732	2311	4450	4175	2814	1814	2731	2402
1955 FEDERAL 50 HR S/D W/EXT WEATH	3023	3565	3310	2444	1493	939	2724	1019	430	5456	3748	2917	3332	2512
1956 FEDERAL 50 HR S/D W/EXT WEATH	3011	3525	3246	2453	1366	2108	2482	1656	3974	3809	2270	1376	2084	2336
1957 FEDERAL 50 HR S/D W/EXT WEATH	2974	3478	2697	2423	-1018	1595	2727	2364	4680	4418	3056	1705	3429	2428
1958 FEDERAL 50 HR S/D W/EXT WEATH	2939	927	839	656	-1820	-309	2755	2415	4836	4880	3499	2665	3747	1853
1959 FEDERAL 50 HR S/D W/EXT WEATH	2933	1094	796	2278	1020	2085	2509	1702	4147	4094	2715	1924	2578	2379
1960 FEDERAL 50 HR S/D W/EXT WEATH	2962	3484	3253	2472	1262	2082	2442	2190	5098	4519	3302	2442	3218	2353
1961 FEDERAL 50 HR S/D W/EXT WEATH	2923	927	611	1372	157	-1228	2569	2081	4674	4533	2522	2514	2044	2427
1962 FEDERAL 50 HR S/D W/EXT WEATH	2892	1732	611	1765	-1622	-224	2489	1989	2838	4685	3219	2526	3496	2441
1963 FEDERAL 50 HR S/D W/EXT WEATH	2932	3378	715	2417	1506	2082	2499	2263	2736	5711	4324	3331	3679	2425
1964 FEDERAL 50 HR S/D W/EXT WEATH	2938	3226	2628	1043	-1615	-861	2744	2291	1572	4446	2939	2085	1863	2472
1965 FEDERAL 50 HR S/D W/EXT WEATH	2980	3492	3250	2416	1341	2095	2248	1702	4108	4145	2671	1932	2899	2120
1966 FEDERAL 50 HR S/D W/EXT WEATH	2664	3479	2839	2387	831	492	2685	2391	2736	5168	3628	2701	3163	2429
1967 FEDERAL 50 HR S/D W/EXT WEATH	2926	1155	936	971	-1622	826	2648	1977	4162	3945	-380	1807	2830	2178
1968 FEDERAL 50 HR S/D W/EXT WEATH	2892	3487	3153	2403	296	570	2575	2106	4815	3253	1809	2646	3324	2216
1969 FEDERAL 50 HR S/D W/EXT WEATH	2946	3451	3217	2434	1462	2073	2495	1994	4570	4366	2885	1561	3684	2156
1970 FEDERAL 50 HR S/D W/EXT WEATH	2924	927	808	2307	-1486	-923	2757	2403	4967	4510	3820	2771	3526	2448
1971 FEDERAL 50 HR S/D W/EXT WEATH	2951	927	611	666	-1500	1950	2710	1963	4364	4093	2643	1011	2055	2517
1972 FEDERAL 50 HR S/D W/EXT WEATH	3032	3531	3248	2124	39	909	2503	1708	3809	3961	2536	729	2091	2192
1973 FEDERAL 50 HR S/D W/EXT WEATH	3016	3532	3272	2406	-731	1503	2745	2574	2619	1018	-380	2543	2607	2429
1974 FEDERAL 50 HR S/D W/EXT WEATH	2903	927	611	113	618	2078	2294	1576	4159	3952	2208	67	2148	2477
1975 FEDERAL 50 HR S/D W/EXT WEATH	3032	3532	3246	845	-1627	132	2728	2269	4318	4101	2813	1848	2760	2393
1976 FEDERAL 50 HR S/D W/EXT WEATH	2940	3449	1715	2409	1500	2085	2521	1849	4500	4434	2818	768	3273	2455
1977 FEDERAL 50 HR S/D W/EXT WEATH	3009	3560	3313	2410	-1639	-184	-677	1165	430	1018	2658	1312	313	1718
1978 FEDERAL 50 HR S/D W/EXT WEATH	1871	927	611	-368	-102	2017	2453	1722	4335	4469	3078	2082	2978	2381

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2000-1 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	2718	712	1318	2348	-1803	-407	-871	901	1019	1552	2121	503	4152	2583
1930 FEDERAL 50 HR S/D W/EXT WEATH	2678	712	1318	631	-1158	1236	-1354	-1713	1019	4346	4076	-943	226	2562
1931 FEDERAL 50 HR S/D W/EXT WEATH	2662	2793	1318	631	-968	759	-1469	-2361	1019	5558	-209	3309	951	2511
1932 FEDERAL 50 HR S/D W/EXT WEATH	2027	712	1318	631	-469	-467	-2745	716	5349	5121	2608	2130	4075	2558
1933 FEDERAL 50 HR S/D W/EXT WEATH	2713	3256	2310	2285	-548	904	2686	2012	1788	4529	2429	1904	3703	2662
1934 FEDERAL 50 HR S/D W/EXT WEATH	2773	3290	3934	3392	1028	1952	2446	2072	4914	4518	2534	1841	2824	51
1935 FEDERAL 50 HR S/D W/EXT WEATH	892	712	1318	631	-685	1154	2629	2056	4665	4563	2373	1799	3749	2463
1936 FEDERAL 50 HR S/D W/EXT WEATH	2655	712	1318	631	-1801	714	-777	1391	1019	3602	3200	2947	4130	2581
1937 FEDERAL 50 HR S/D W/EXT WEATH	2689	712	1337	631	-1429	316	-1714	-2094	1019	1552	-765	3012	3446	2356
1938 FEDERAL 50 HR S/D W/EXT WEATH	1973	753	1318	631	77	1440	2678	2023	4675	4667	2637	1764	3887	2548
1939 FEDERAL 50 HR S/D W/EXT WEATH	2707	712	1318	1079	-1795	-18	-1412	2700	5424	5498	3370	2828	-678	2577
1940 FEDERAL 50 HR S/D W/EXT WEATH	2678	712	1428	1994	-1012	15	1046	2710	5645	5690	3675	2683	-171	2569
1941 FEDERAL 50 HR S/D W/EXT WEATH	2164	712	1318	2319	-1579	357	567	195	2649	2376	2612	2371	3593	2249
1942 FEDERAL 50 HR S/D W/EXT WEATH	1196	712	1318	2645	622	1899	2657	2284	1019	5451	3555	3195	4430	2595
1943 FEDERAL 50 HR S/D W/EXT WEATH	2708	3242	1530	1726	-1307	138	2696	2105	5008	4749	2621	1660	3933	2594
1944 FEDERAL 50 HR S/D W/EXT WEATH	2745	3261	2500	2350	-1785	-174	-921	1702	1019	1552	647	1766	2151	1776
1945 FEDERAL 50 HR S/D W/EXT WEATH	1620	712	1318	631	-749	1333	-2747	-1807	1019	2213	2209	2875	4385	2598
1946 FEDERAL 50 HR S/D W/EXT WEATH	2716	1967	1842	631	-783	1948	2740	2141	4934	4978	2757	1935	4094	2576
1947 FEDERAL 50 HR S/D W/EXT WEATH	2716	1057	2984	2846	-237	1965	2705	2076	4835	4894	2632	1817	4187	2545
1948 FEDERAL 50 HR S/D W/EXT WEATH	2706	712	2573	3447	1375	1968	2803	2453	5131	4817	2522	1090	3705	2603
1949 FEDERAL 50 HR S/D W/EXT WEATH	2765	3283	3959	3337	-1301	-964	2704	2175	5058	4903	2367	2267	4083	1936
1950 FEDERAL 50 HR S/D W/EXT WEATH	1268	712	1318	631	-1793	1313	2773	2201	4787	4710	2419	1313	2246	2556
1951 FEDERAL 50 HR S/D W/EXT WEATH	2768	3289	3958	3462	1118	2011	2708	1894	4816	4731	2034	1412	3835	2493
1952 FEDERAL 50 HR S/D W/EXT WEATH	2780	3293	3936	3442	1351	1947	2676	2100	4925	4966	2565	960	4065	2593
1953 FEDERAL 50 HR S/D W/EXT WEATH	2708	712	1318	874	-1804	185	1560	2740	5185	3970	3079	2316	3804	2648
1954 FEDERAL 50 HR S/D W/EXT WEATH	2745	3253	2622	3128	-462	739	2939	2672	5038	4709	2429	1600	3442	2561
1955 FEDERAL 50 HR S/D W/EXT WEATH	2801	3350	4017	3443	1331	818	2932	1368	1019	5990	3363	2703	4043	2672
1956 FEDERAL 50 HR S/D W/EXT WEATH	2789	3310	3953	3451	1203	1992	2695	2012	4562	4343	1885	1162	2795	2496
1957 FEDERAL 50 HR S/D W/EXT WEATH	2752	3262	3404	3422	-1180	1474	2934	2719	5269	4952	2671	1491	4140	2588
1958 FEDERAL 50 HR S/D W/EXT WEATH	2717	712	1546	1654	-1981	-431	2962	2772	5424	5414	3115	2451	4458	2013
1959 FEDERAL 50 HR S/D W/EXT WEATH	2711	878	1503	3277	858	1965	2723	2059	4736	4627	2330	1710	3289	2539
1960 FEDERAL 50 HR S/D W/EXT WEATH	2740	3269	3960	3471	1097	1968	2653	2539	5687	5052	2917	2228	3929	2513
1961 FEDERAL 50 HR S/D W/EXT WEATH	2701	712	1318	2371	-6	-1350	2782	2438	5262	5067	2137	2300	2755	2586
1962 FEDERAL 50 HR S/D W/EXT WEATH	2670	1517	1318	2763	-1784	-346	2702	2337	3427	5219	2834	2312	4207	2601
1963 FEDERAL 50 HR S/D W/EXT WEATH	2710	3162	1422	3416	1343	1962	2712	2609	3324	6245	3940	3117	4390	2585
1964 FEDERAL 50 HR S/D W/EXT WEATH	2716	3010	3335	2042	-1777	-983	2952	2648	2160	4980	2554	1871	2574	2632
1965 FEDERAL 50 HR S/D W/EXT WEATH	2758	3277	3956	3415	1178	1976	2463	2055	4697	4678	2286	1718	3610	2280
1966 FEDERAL 50 HR S/D W/EXT WEATH	2442	3263	3545	3386	668	370	2895	2746	3324	5702	3243	2487	3874	2589
1967 FEDERAL 50 HR S/D W/EXT WEATH	2704	939	1643	1969	-1784	707	2859	2335	4750	4479	-765	1593	3541	2337
1968 FEDERAL 50 HR S/D W/EXT WEATH	2669	3272	3860	3401	134	448	2785	2459	5403	3787	1425	2432	4035	2375
1969 FEDERAL 50 HR S/D W/EXT WEATH	2724	3235	3924	3433	1298	1954	2707	2348	5158	4900	2500	1347	4395	2316
1970 FEDERAL 50 HR S/D W/EXT WEATH	2702	712	1515	3305	-1648	-1045	2962	2756	5555	5044	3435	2557	4237	2607
1971 FEDERAL 50 HR S/D W/EXT WEATH	2729	712	1318	1664	-1662	1829	2918	2319	4952	4626	2258	797	2766	2677
1972 FEDERAL 50 HR S/D W/EXT WEATH	2810	3316	3955	3123	-123	787	2714	2066	4397	4495	2152	515	2802	2352
1973 FEDERAL 50 HR S/D W/EXT WEATH	2794	3317	3979	3404	-892	1381	2948	2923	3208	1552	-765	2329	3318	2589
1974 FEDERAL 50 HR S/D W/EXT WEATH	2681	712	1318	1112	447	1961	2480	1936	4748	4485	1823	-148	2859	2637
1975 FEDERAL 50 HR S/D W/EXT WEATH	2810	3317	3952	1843	-1789	10	2938	2622	4907	4634	2429	1634	3471	2552
1976 FEDERAL 50 HR S/D W/EXT WEATH	2718	3234	2422	3407	1336	1971	2733	2204	5089	4968	2433	554	3984	2615
1977 FEDERAL 50 HR S/D W/EXT WEATH	2787	3345	4020	3408	-1801	-306	-473	1514	1019	1552	2273	1098	1024	1877
1978 FEDERAL 50 HR S/D W/EXT WEATH	1649	712	1318	631	-272	1896	2659	2071	4924	5003	2694	1868	3689	2541

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2001- 2 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	2453	441	1091	1944	-1832	-312	-908	819	293	891	2486	1082	3786	2140
1930 FEDERAL 50 HR S/D W/EXT WEATH	2412	428	1024	164	-1117	1314	-1405	-1799	293	3751	4403	-319	-84	2119
1931 FEDERAL 50 HR S/D W/EXT WEATH	2396	2573	1024	164	-940	836	-1529	-2503	293	4938	200	3847	630	2068
1932 FEDERAL 50 HR S/D W/EXT WEATH	1827	428	1024	164	-443	-388	-2870	618	4640	4483	2928	2670	3709	2116
1933 FEDERAL 50 HR S/D W/EXT WEATH	2447	2986	2087	1884	-516	976	2585	1887	1142	3893	2749	2445	3336	2221
1934 FEDERAL 50 HR S/D W/EXT WEATH	2506	3021	3652	2949	1017	1990	2341	1947	4207	3885	2856	2380	2483	-422
1935 FEDERAL 50 HR S/D W/EXT WEATH	698	428	1024	164	-653	1217	2529	1930	3957	3923	2688	2339	3382	2021
1936 FEDERAL 50 HR S/D W/EXT WEATH	2387	428	1024	164	-1831	784	-845	1302	339	3003	3519	3487	3772	2138
1937 FEDERAL 50 HR S/D W/EXT WEATH	2423	428	1125	164	-1388	396	-1762	-2184	293	891	-469	3552	3089	1942
1938 FEDERAL 50 HR S/D W/EXT WEATH	1767	560	1024	164	98	1509	2578	1898	3967	4030	2956	2303	3521	2105
1939 FEDERAL 50 HR S/D W/EXT WEATH	2441	428	1024	685	-1824	74	-1455	2583	4728	4869	3697	3368	-1004	2134
1940 FEDERAL 50 HR S/D W/EXT WEATH	2412	428	1215	1587	-968	96	988	2584	4937	5056	3998	3223	-469	2126
1941 FEDERAL 50 HR S/D W/EXT WEATH	1955	428	1024	1908	-1541	437	502	99	1981	1804	2966	2932	3235	1839
1942 FEDERAL 50 HR S/D W/EXT WEATH	1002	428	1024	2231	636	1942	2561	2158	293	4832	3894	3735	4063	2152
1943 FEDERAL 50 HR S/D W/EXT WEATH	2442	2973	1316	1328	-1265	222	2594	1983	4312	4119	2947	2199	3566	2153
1944 FEDERAL 50 HR S/D W/EXT WEATH	2479	2991	2275	1957	-1814	-72	-937	1610	293	891	1042	2328	1809	1369
1945 FEDERAL 50 HR S/D W/EXT WEATH	1419	428	1024	164	-710	1405	-2872	-1890	293	1655	2564	3415	4018	2156
1946 FEDERAL 50 HR S/D W/EXT WEATH	2450	1755	1632	164	-724	1998	2637	2028	4238	4348	3083	2474	3727	2133
1947 FEDERAL 50 HR S/D W/EXT WEATH	2450	857	2749	2435	-192	2012	2603	1964	4141	4265	2959	2357	3821	2102
1948 FEDERAL 50 HR S/D W/EXT WEATH	2440	428	2346	3003	1372	2013	2700	2339	4435	4188	2848	1630	3338	2160
1949 FEDERAL 50 HR S/D W/EXT WEATH	2498	3014	3679	2920	-1235	-866	2608	2059	4363	4274	2694	2806	3715	1538
1950 FEDERAL 50 HR S/D W/EXT WEATH	1070	428	1024	164	-1822	1388	2673	2087	4091	4080	2745	1853	1880	2114
1951 FEDERAL 50 HR S/D W/EXT WEATH	2502	3021	3677	3025	1120	2060	2603	1780	4121	4102	2361	1953	3469	2051
1952 FEDERAL 50 HR S/D W/EXT WEATH	2513	3025	3655	3002	1351	1994	2578	1986	4227	4337	2892	1500	3698	2152
1953 FEDERAL 50 HR S/D W/EXT WEATH	2442	428	1024	482	-1833	278	1470	2626	4489	3400	3407	2856	3437	2207
1954 FEDERAL 50 HR S/D W/EXT WEATH	2479	2984	2395	2711	-427	821	2838	2554	4343	4079	2756	2140	3075	2119
1955 FEDERAL 50 HR S/D W/EXT WEATH	2535	3080	3737	2999	1321	896	2832	1280	293	5360	3704	3244	3677	2230
1956 FEDERAL 50 HR S/D W/EXT WEATH	2523	3041	3672	3006	1194	2038	2587	1898	3866	3713	2211	1701	2428	2055
1957 FEDERAL 50 HR S/D W/EXT WEATH	2486	2993	3165	2976	-1117	1544	2835	2607	4573	4322	2998	2030	3773	2145
1958 FEDERAL 50 HR S/D W/EXT WEATH	2451	428	1331	1247	-1914	-337	2858	2656	4724	4784	3441	2990	4091	1613
1959 FEDERAL 50 HR S/D W/EXT WEATH	2445	680	1292	2860	871	2011	2618	1934	4030	3997	2655	2249	2922	2097
1960 FEDERAL 50 HR S/D W/EXT WEATH	2475	3000	3680	3024	1090	2013	2556	2421	4990	4424	3245	2768	3563	2071
1961 FEDERAL 50 HR S/D W/EXT WEATH	2435	428	1024	1961	14	-1260	2678	2313	4554	4434	2486	2839	2388	2144
1962 FEDERAL 50 HR S/D W/EXT WEATH	2403	1312	1024	2349	-1813	-260	2601	2211	2781	4589	3161	2853	3841	2158
1963 FEDERAL 50 HR S/D W/EXT WEATH	2444	2937	1209	2971	1332	2007	2615	2483	2690	5616	4267	3656	4024	2142
1964 FEDERAL 50 HR S/D W/EXT WEATH	2450	2783	3100	1646	-1807	-884	2851	2533	1542	4351	2880	2411	2207	2189
1965 FEDERAL 50 HR S/D W/EXT WEATH	2493	3008	3676	2972	1198	2024	2355	1943	4001	4048	2614	2258	3244	1838
1966 FEDERAL 50 HR S/D W/EXT WEATH	2177	2994	3307	2949	705	468	2795	2630	2698	5073	3569	3026	3521	2147
1967 FEDERAL 50 HR S/D W/EXT WEATH	2438	741	1429	1568	-1813	785	2757	2211	4044	3850	-469	2133	3175	1895
1968 FEDERAL 50 HR S/D W/EXT WEATH	2403	3002	3620	2959	172	534	2682	2346	4706	3211	1798	2971	3669	1933
1969 FEDERAL 50 HR S/D W/EXT WEATH	2458	2967	3645	2995	1298	2003	2603	2234	4462	4261	2818	1886	4028	1874
1970 FEDERAL 50 HR S/D W/EXT WEATH	2437	428	1301	2890	-1597	-946	2854	2640	4860	4446	3761	3096	3870	2166
1971 FEDERAL 50 HR S/D W/EXT WEATH	2463	470	1024	1272	-1594	1894	2814	2204	4256	3998	2585	1336	2398	2234
1972 FEDERAL 50 HR S/D W/EXT WEATH	2544	3046	3675	2722	-80	876	2611	1954	3701	3865	2479	1054	2436	1909
1973 FEDERAL 50 HR S/D W/EXT WEATH	2529	3047	3699	2969	-831	1460	2845	2811	2575	891	-406	2885	2964	2146
1974 FEDERAL 50 HR S/D W/EXT WEATH	2415	428	1024	720	479	2008	2407	1822	4052	3856	2151	393	2492	2194
1975 FEDERAL 50 HR S/D W/EXT WEATH	2544	3047	3673	1461	-1819	108	2832	2509	4212	4005	2755	2174	3104	2111
1976 FEDERAL 50 HR S/D W/EXT WEATH	2452	2964	2197	2969	1335	2021	2627	2091	4393	4338	2761	1093	3618	2172
1977 FEDERAL 50 HR S/D W/EXT WEATH	2521	3076	3740	2970	-1831	-215	-495	1425	293	891	2641	1677	706	1473
1978 FEDERAL 50 HR S/D W/EXT WEATH	1450	428	1024	164	-246	1940	2559	1946	4216	4373	3021	2408	3323	2099

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2002- 3 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	1643	-328	421	1824	-2026	-483	-659	1038	547	761	1428	13	3624	1989
1930 FEDERAL 50 HR S/D W/EXT WEATH	1602	-388	330	28	-1286	1137	-1161	-1572	547	3636	3326	-1377	-237	1968
1931 FEDERAL 50 HR S/D W/EXT WEATH	1585	1785	311	28	-1112	661	-1288	-2293	547	4820	-841	2762	477	1917
1932 FEDERAL 50 HR S/D W/EXT WEATH	1038	-388	311	28	-617	-558	-2652	842	4894	4353	1851	1585	3541	1965
1933 FEDERAL 50 HR S/D W/EXT WEATH	1637	2186	1410	1766	-692	801	2808	2097	1425	3763	1672	1360	3167	2069
1934 FEDERAL 50 HR S/D W/EXT WEATH	1695	2222	2957	2814	823	1797	2564	2158	4461	3755	1779	1295	2327	-574
1935 FEDERAL 50 HR S/D W/EXT WEATH	-85	-388	311	28	-830	1040	2751	2141	4211	3793	1611	1253	3214	1869
1936 FEDERAL 50 HR S/D W/EXT WEATH	1577	-388	311	28	-2025	610	-600	1531	611	2889	2442	2402	3614	1987
1937 FEDERAL 50 HR S/D W/EXT WEATH	1613	-388	456	28	-1559	223	-1515	-1960	547	761	-1546	2467	2928	1804
1938 FEDERAL 50 HR S/D W/EXT WEATH	975	-212	311	28	-81	1330	2801	2107	4221	3900	1879	1218	3352	1954
1939 FEDERAL 50 HR S/D W/EXT WEATH	1632	-388	311	573	-2018	-98	-1203	2793	4983	4739	2620	2283	-1150	1983
1940 FEDERAL 50 HR S/D W/EXT WEATH	1602	-388	548	1471	-1141	-76	1236	2794	5191	4926	2921	2138	-618	1974
1941 FEDERAL 50 HR S/D W/EXT WEATH	1164	-388	311	1791	-1710	264	748	322	2253	1695	1905	1859	3075	1695
1942 FEDERAL 50 HR S/D W/EXT WEATH	220	-388	311	2110	456	1750	2779	2368	547	4714	2829	2650	3895	2000
1943 FEDERAL 50 HR S/D W/EXT WEATH	1632	2174	642	1213	-1438	45	2817	2193	4567	3989	1870	1114	3397	2001
1944 FEDERAL 50 HR S/D W/EXT WEATH	1669	2192	1593	1839	-2008	-247	-686	1830	547	761	-10	1255	1650	1228
1945 FEDERAL 50 HR S/D W/EXT WEATH	633	-388	311	28	-881	1228	-2654	-1666	547	1549	1498	2330	3849	2004
1946 FEDERAL 50 HR S/D W/EXT WEATH	1640	973	955	28	-900	1805	2859	2238	4493	4218	2006	1389	3559	1981
1947 FEDERAL 50 HR S/D W/EXT WEATH	1640	84	2067	2315	-367	1819	2826	2175	4395	4135	1882	1272	3652	1951
1948 FEDERAL 50 HR S/D W/EXT WEATH	1631	-388	1664	2868	1179	1820	2923	2550	4689	4058	1771	545	3170	2009
1949 FEDERAL 50 HR S/D W/EXT WEATH	1688	2215	2983	2798	-1409	-1040	2827	2270	4618	4144	1617	1721	3547	1401
1950 FEDERAL 50 HR S/D W/EXT WEATH	282	-388	311	28	-2016	1210	2895	2297	4346	3950	1668	768	1711	1963
1951 FEDERAL 50 HR S/D W/EXT WEATH	1691	2222	2981	2890	926	1867	2826	1991	4375	3972	1284	868	3300	1899
1952 FEDERAL 50 HR S/D W/EXT WEATH	1704	2226	2959	2867	1157	1801	2800	2197	4481	4207	1815	415	3529	2000
1953 FEDERAL 50 HR S/D W/EXT WEATH	1632	-388	311	368	-2027	105	1708	2837	4744	3296	2330	1771	3269	2055
1954 FEDERAL 50 HR S/D W/EXT WEATH	1669	2185	1713	2593	-600	647	3061	2765	4598	3949	1679	1054	2906	1967
1955 FEDERAL 50 HR S/D W/EXT WEATH	1725	2282	3040	2863	1127	721	3055	1509	547	5230	2638	2159	3508	2079
1956 FEDERAL 50 HR S/D W/EXT WEATH	1713	2241	2976	2871	1000	1846	2810	2109	4121	3583	1134	616	2259	1903
1957 FEDERAL 50 HR S/D W/EXT WEATH	1676	2194	2480	2841	-1291	1364	3058	2818	4827	4192	1921	945	3604	1993
1958 FEDERAL 50 HR S/D W/EXT WEATH	1641	-388	660	1132	-2085	-513	3081	2866	4978	4654	2364	1905	3922	1476
1959 FEDERAL 50 HR S/D W/EXT WEATH	1635	-93	618	2739	692	1819	2841	2145	4284	3867	1578	1164	2753	1945
1960 FEDERAL 50 HR S/D W/EXT WEATH	1665	2200	2983	2889	896	1820	2774	2631	5244	4294	2168	1683	3394	1919
1961 FEDERAL 50 HR S/D W/EXT WEATH	1625	-388	311	1844	-161	-1428	2901	2524	4809	4304	1424	1754	2219	1992
1962 FEDERAL 50 HR S/D W/EXT WEATH	1594	536	311	2230	-2007	-434	2823	2421	3057	4459	2084	1768	3672	2006
1963 FEDERAL 50 HR S/D W/EXT WEATH	1634	2147	539	2835	1139	1815	2834	2694	2968	5486	3190	2571	3855	1990
1964 FEDERAL 50 HR S/D W/EXT WEATH	1640	1994	2415	1528	-2000	-1056	3074	2743	1822	4221	1803	1326	2038	2037
1965 FEDERAL 50 HR S/D W/EXT WEATH	1683	2209	2979	2837	1017	1831	2577	2154	4255	3918	1537	1173	3075	1686
1966 FEDERAL 50 HR S/D W/EXT WEATH	1366	2195	2621	2813	526	295	3018	2839	2976	4943	2492	1941	3363	1996
1967 FEDERAL 50 HR S/D W/EXT WEATH	1629	-33	754	1452	-2007	609	2979	2421	4299	3720	-1546	1048	3007	1743
1968 FEDERAL 50 HR S/D W/EXT WEATH	1593	2203	2934	2823	-7	361	2905	2557	4961	3102	739	1886	3500	1781
1969 FEDERAL 50 HR S/D W/EXT WEATH	1648	2168	2948	2860	1104	1811	2826	2445	4717	4131	1741	801	3859	1723
1970 FEDERAL 50 HR S/D W/EXT WEATH	1627	-388	630	2769	-1770	-1120	3077	2851	5115	4332	2684	2011	3701	2014
1971 FEDERAL 50 HR S/D W/EXT WEATH	1653	-306	311	1158	-1765	1714	3037	2415	4511	3868	1507	251	2230	2083
1972 FEDERAL 50 HR S/D W/EXT WEATH	1734	2247	2979	2600	-253	699	2834	2165	3956	3735	1402	-31	2267	1757
1973 FEDERAL 50 HR S/D W/EXT WEATH	1719	2248	3003	2834	-1007	1281	3068	3021	2848	761	-1448	1811	2805	1995
1974 FEDERAL 50 HR S/D W/EXT WEATH	1604	-388	311	602	306	1816	2630	2033	4306	3726	1074	-692	2324	2043
1975 FEDERAL 50 HR S/D W/EXT WEATH	1734	2248	2977	1343	-2013	-66	3055	2718	4466	3875	1678	1089	2935	1959
1976 FEDERAL 50 HR S/D W/EXT WEATH	1642	2165	1519	2834	1143	1828	2850	2302	4647	4208	1684	8	3449	2020
1977 FEDERAL 50 HR S/D W/EXT WEATH	1711	2277	3044	2835	-2025	-388	-247	1647	547	761	1585	609	550	1332
1978 FEDERAL 50 HR S/D W/EXT WEATH	664	-388	311	28	-420	1747	2781	2156	4470	4243	1944	1323	3154	1947

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2003- 4 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	1503	-428	296	1708	-2262	-688	-914	811	385	982	2614	1203	3876	2224
1930 FEDERAL 50 HR S/D W/EXT WEATH	1462	-510	205	-107	-1493	915	-1412	-1826	385	3871	4494	-175	23	2203
1931 FEDERAL 50 HR S/D W/EXT WEATH	1446	1679	167	-107	-1319	462	-1534	-2526	385	5053	361	3939	735	2152
1932 FEDERAL 50 HR S/D W/EXT WEATH	922	-510	167	-107	-835	-770	-2940	604	4732	4575	3019	2763	3786	2200
1933 FEDERAL 50 HR S/D W/EXT WEATH	1497	2063	1286	1648	-927	575	2514	1840	1297	3985	2841	2537	3412	2304
1934 FEDERAL 50 HR S/D W/EXT WEATH	1556	2099	2813	2678	581	1550	2276	1890	4299	3977	2948	2472	2584	-339
1935 FEDERAL 50 HR S/D W/EXT WEATH	-200	-510	167	-107	-1065	809	2457	1871	4049	4014	2780	2431	3459	2104
1936 FEDERAL 50 HR S/D W/EXT WEATH	1438	-510	167	-107	-2262	410	-873	1285	462	3129	3611	3579	3868	2222
1937 FEDERAL 50 HR S/D W/EXT WEATH	1474	-510	334	-107	-1763	28	-1749	-2181	385	982	-378	3644	3182	2049
1938 FEDERAL 50 HR S/D W/EXT WEATH	853	-313	167	-107	-321	1100	2507	1838	4059	4121	3048	2396	3597	2189
1939 FEDERAL 50 HR S/D W/EXT WEATH	1492	-510	167	455	-2262	-322	-1464	2528	4821	4961	3788	3461	-883	2218
1940 FEDERAL 50 HR S/D W/EXT WEATH	1462	-510	419	1354	-1340	-289	971	2520	5029	5147	4089	3316	-350	2209
1941 FEDERAL 50 HR S/D W/EXT WEATH	1043	-510	167	1673	-1938	44	479	89	2109	1937	3091	3052	3328	1940
1942 FEDERAL 50 HR S/D W/EXT WEATH	106	-510	167	1991	222	1506	2490	2100	385	4945	4009	3827	4140	2235
1943 FEDERAL 50 HR S/D W/EXT WEATH	1492	2051	516	1098	-1680	-189	2523	1919	4405	4210	3039	2292	3643	2236
1944 FEDERAL 50 HR S/D W/EXT WEATH	1529	2070	1464	1719	-2262	-461	-939	1584	385	982	1185	2444	1905	1474
1945 FEDERAL 50 HR S/D W/EXT WEATH	515	-510	167	-107	-1103	1031	-2938	-1918	385	1795	2680	3508	4094	2239
1946 FEDERAL 50 HR S/D W/EXT WEATH	1500	867	831	-107	-1129	1559	2565	1968	4330	4440	3175	2567	3804	2216
1947 FEDERAL 50 HR S/D W/EXT WEATH	1500	-18	1939	2195	-616	1568	2532	1903	4233	4356	3050	2449	3897	2186
1948 FEDERAL 50 HR S/D W/EXT WEATH	1491	-510	1538	2733	917	1576	2629	2277	4527	4280	2940	1722	3415	2244
1949 FEDERAL 50 HR S/D W/EXT WEATH	1549	2092	2839	2679	-1646	-1270	2541	1999	4455	4365	2785	2899	3792	1650
1950 FEDERAL 50 HR S/D W/EXT WEATH	162	-510	167	-107	-2263	987	2601	2021	4183	4172	2837	1946	1956	2198
1951 FEDERAL 50 HR S/D W/EXT WEATH	1552	2099	2837	2754	666	1616	2532	1713	4213	4193	2452	2045	3545	2134
1952 FEDERAL 50 HR S/D W/EXT WEATH	1565	2103	2815	2732	895	1553	2507	1922	4318	4428	2984	1593	3774	2235
1953 FEDERAL 50 HR S/D W/EXT WEATH	1492	-510	167	253	-2262	-97	1428	2562	4581	3543	3498	2949	3514	2290
1954 FEDERAL 50 HR S/D W/EXT WEATH	1529	2062	1588	2472	-844	413	2767	2489	4435	4171	2847	2232	3151	2202
1955 FEDERAL 50 HR S/D W/EXT WEATH	1585	2160	2896	2728	873	501	2761	1258	385	5451	3816	3336	3753	2314
1956 FEDERAL 50 HR S/D W/EXT WEATH	1573	2119	2832	2735	739	1591	2515	1837	3958	3805	2303	1793	2504	2138
1957 FEDERAL 50 HR S/D W/EXT WEATH	1536	2071	2351	2705	-1529	1130	2764	2545	4665	4414	3089	2123	3849	2228
1958 FEDERAL 50 HR S/D W/EXT WEATH	1501	-510	534	1014	-2301	-746	2787	2591	4815	4875	3533	3083	4167	1726
1959 FEDERAL 50 HR S/D W/EXT WEATH	1495	-195	495	2619	442	1571	2547	1873	4122	4089	2747	2342	2998	2180
1960 FEDERAL 50 HR S/D W/EXT WEATH	1525	2078	2839	2753	641	1590	2497	2360	5082	4515	3336	2860	3639	2154
1961 FEDERAL 50 HR S/D W/EXT WEATH	1485	-510	167	1728	-408	-1657	2607	2244	4647	4525	2603	2932	2465	2227
1962 FEDERAL 50 HR S/D W/EXT WEATH	1454	432	167	2110	-2262	-661	2529	2148	2915	4681	3252	2945	3917	2241
1963 FEDERAL 50 HR S/D W/EXT WEATH	1494	2041	413	2700	877	1567	2547	2420	2832	5707	4358	3749	4100	2226
1964 FEDERAL 50 HR S/D W/EXT WEATH	1500	1887	2288	1409	-2262	-1276	2780	2474	1687	4442	2972	2504	2283	2272
1965 FEDERAL 50 HR S/D W/EXT WEATH	1543	2087	2836	2701	781	1575	2283	1880	4093	4140	2705	2351	3320	1921
1966 FEDERAL 50 HR S/D W/EXT WEATH	1227	2072	2491	2678	291	87	2724	2590	2835	5165	3661	3119	3620	2231
1967 FEDERAL 50 HR S/D W/EXT WEATH	1489	-135	634	1333	-2262	380	2685	2149	4136	3941	-378	2226	3252	1978
1968 FEDERAL 50 HR S/D W/EXT WEATH	1454	2081	2804	2687	-248	142	2610	2280	4798	3347	1925	3064	3745	2016
1969 FEDERAL 50 HR S/D W/EXT WEATH	1509	2045	2804	2724	843	1561	2532	2184	4554	4353	2909	1979	4104	1958
1970 FEDERAL 50 HR S/D W/EXT WEATH	1487	-510	507	2647	-1992	-1344	2783	2579	4952	4572	3852	3189	3946	2249
1971 FEDERAL 50 HR S/D W/EXT WEATH	1513	-409	167	1037	-2004	1482	2743	2142	4348	4089	2676	1429	2475	2318
1972 FEDERAL 50 HR S/D W/EXT WEATH	1594	2125	2835	2481	-502	468	2540	1887	3794	3956	2570	1147	2512	1993
1973 FEDERAL 50 HR S/D W/EXT WEATH	1579	2126	2859	2698	-1241	1045	2774	2755	2706	982	-252	2998	3060	2230
1974 FEDERAL 50 HR S/D W/EXT WEATH	1465	-510	167	486	32	1564	2337	1760	4144	3947	2242	485	2569	2278
1975 FEDERAL 50 HR S/D W/EXT WEATH	1594	2126	2833	1227	-2263	-300	2761	2445	4304	4096	2847	2266	3180	2194
1976 FEDERAL 50 HR S/D W/EXT WEATH	1502	2043	1390	2698	880	1577	2556	2030	4485	4429	2852	1186	3694	2255
1977 FEDERAL 50 HR S/D W/EXT WEATH	1571	2155	2900	2699	-2263	-574	-505	1428	385	982	2774	1803	809	1578
1978 FEDERAL 50 HR S/D W/EXT WEATH	548	-510	167	-107	-689	1495	2487	1885	4308	4464	3113	2501	3399	2182

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2004- 5 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	1959	50	776	2172	-2113	-512	-1169	534	98	696	1674	255	4126	2466
1930 FEDERAL 50 HR S/D W/EXT WEATH	1918	-54	686	341	-1319	1087	-1669	-2097	98	3600	3534	-1108	282	2445
1931 FEDERAL 50 HR S/D W/EXT WEATH	1901	2151	626	341	-1149	636	-1797	-2817	98	4777	-569	2979	997	2394
1932 FEDERAL 50 HR S/D W/EXT WEATH	1399	-54	626	341	-667	-591	-3226	327	4445	4289	2059	1803	4029	2442
1933 FEDERAL 50 HR S/D W/EXT WEATH	1953	2519	1760	2115	-758	749	2229	1549	1035	3699	1881	1578	3656	2546
1934 FEDERAL 50 HR S/D W/EXT WEATH	2011	2556	3271	3127	730	1706	1997	1601	4012	3691	1988	1513	2842	-97
1935 FEDERAL 50 HR S/D W/EXT WEATH	279	-54	626	341	-896	981	2172	1580	3762	3728	1820	1472	3702	2347
1936 FEDERAL 50 HR S/D W/EXT WEATH	1893	-54	626	341	-2113	584	-1136	1012	194	2859	2651	2620	4122	2464
1937 FEDERAL 50 HR S/D W/EXT WEATH	1929	-54	810	341	-1587	204	-2005	-2461	98	696	-1338	2685	3433	2303
1938 FEDERAL 50 HR S/D W/EXT WEATH	1330	168	626	341	-155	1269	2222	1547	3772	3835	2088	1436	3841	2431
1939 FEDERAL 50 HR S/D W/EXT WEATH	1948	-54	626	926	-2113	-148	-1716	2236	4534	4675	2828	2501	-618	2460
1940 FEDERAL 50 HR S/D W/EXT WEATH	1918	-54	899	1822	-1170	-110	713	2229	4742	4861	3129	2356	-85	2451
1941 FEDERAL 50 HR S/D W/EXT WEATH	1519	-54	626	2139	-1766	218	216	-187	1842	1673	2149	2104	3579	2190
1942 FEDERAL 50 HR S/D W/EXT WEATH	584	-54	626	2454	385	1663	2204	1809	98	4670	3061	2868	4383	2478
1943 FEDERAL 50 HR S/D W/EXT WEATH	1948	2508	995	1564	-1508	-12	2237	1628	4118	3924	2079	1332	3886	2478
1944 FEDERAL 50 HR S/D W/EXT WEATH	1985	2526	1937	2185	-2113	-288	-1192	1300	98	696	250	1497	2157	1727
1945 FEDERAL 50 HR S/D W/EXT WEATH	991	-54	626	341	-936	1202	-3224	-2192	98	1534	1731	2548	4337	2482
1946 FEDERAL 50 HR S/D W/EXT WEATH	1956	1340	1309	341	-962	1715	2280	1677	4044	4154	2215	1607	4047	2459
1947 FEDERAL 50 HR S/D W/EXT WEATH	1956	459	2412	2658	-448	1725	2247	1612	3946	4070	2090	1490	4141	2428
1948 FEDERAL 50 HR S/D W/EXT WEATH	1947	-54	2013	3181	1066	1733	2343	1986	4240	3994	1980	763	3658	2486
1949 FEDERAL 50 HR S/D W/EXT WEATH	2004	2549	3297	3136	-1474	-1096	2256	1708	4168	4079	1825	1939	4035	1906
1950 FEDERAL 50 HR S/D W/EXT WEATH	634	-54	626	341	-2114	1157	2316	1730	3897	3886	1877	986	2200	2440
1951 FEDERAL 50 HR S/D W/EXT WEATH	2007	2556	3295	3203	815	1773	2247	1422	3926	3907	1492	1086	3789	2376
1952 FEDERAL 50 HR S/D W/EXT WEATH	2020	2560	3273	3180	1044	1710	2222	1631	4031	4142	2024	633	4018	2477
1953 FEDERAL 50 HR S/D W/EXT WEATH	1948	-54	642	722	-2113	79	1156	2271	4295	3282	2538	1989	3757	2532
1954 FEDERAL 50 HR S/D W/EXT WEATH	1985	2519	2061	2937	-675	586	2482	2198	4149	3885	1887	1273	3394	2445
1955 FEDERAL 50 HR S/D W/EXT WEATH	2041	2616	3355	3176	1022	675	2476	986	98	5165	2866	2377	3997	2556
1956 FEDERAL 50 HR S/D W/EXT WEATH	2029	2575	3290	3184	888	1748	2230	1546	3672	3519	1343	834	2747	2380
1957 FEDERAL 50 HR S/D W/EXT WEATH	1992	2527	2823	3153	-1360	1300	2479	2254	4378	4128	2129	1163	4093	2471
1958 FEDERAL 50 HR S/D W/EXT WEATH	1957	-54	1010	1481	-2130	-570	2501	2300	4528	4590	2573	2123	4410	1981
1959 FEDERAL 50 HR S/D W/EXT WEATH	1951	283	974	3082	605	1728	2262	1582	3835	3803	1787	1382	3242	2422
1960 FEDERAL 50 HR S/D W/EXT WEATH	1981	2534	3298	3202	790	1747	2212	2069	4795	4229	2376	1901	3882	2397
1961 FEDERAL 50 HR S/D W/EXT WEATH	1941	-54	626	2192	-242	-1482	2322	1953	4360	4239	1658	1972	2708	2470
1962 FEDERAL 50 HR S/D W/EXT WEATH	1910	912	626	2577	-2113	-485	2244	1857	2648	4395	2292	1986	4161	2484
1963 FEDERAL 50 HR S/D W/EXT WEATH	1950	2512	893	3148	1025	1724	2262	2129	2569	5421	3397	2789	4344	2468
1964 FEDERAL 50 HR S/D W/EXT WEATH	1956	2357	2764	1876	-2113	-1101	2495	2183	1426	4156	2012	1544	2526	2515
1965 FEDERAL 50 HR S/D W/EXT WEATH	1999	2543	3294	3150	944	1732	1998	1589	3806	3854	1745	1391	3563	2164
1966 FEDERAL 50 HR S/D W/EXT WEATH	1682	2528	2963	3126	453	260	2439	2299	2574	4879	2701	2159	3876	2473
1967 FEDERAL 50 HR S/D W/EXT WEATH	1945	342	1110	1800	-2103	552	2400	1858	3850	3655	-1338	1266	3495	2221
1968 FEDERAL 50 HR S/D W/EXT WEATH	1909	2537	3275	3135	-82	315	2325	1989	4512	3084	984	2104	3989	2259
1969 FEDERAL 50 HR S/D W/EXT WEATH	1964	2501	3263	3173	992	1718	2247	1893	4267	4067	1949	1019	4347	2200
1970 FEDERAL 50 HR S/D W/EXT WEATH	1943	-54	986	3111	-1818	-1169	2497	2288	4665	4303	2892	2229	4189	2492
1971 FEDERAL 50 HR S/D W/EXT WEATH	1969	66	626	1504	-1840	1650	2458	1851	4062	3803	1716	469	2718	2560
1972 FEDERAL 50 HR S/D W/EXT WEATH	2050	2581	3293	2944	-337	640	2255	1596	3507	3670	1610	187	2756	2235
1973 FEDERAL 50 HR S/D W/EXT WEATH	2035	2582	3318	3147	-1074	1215	2489	2464	2441	696	-1181	2049	3313	2472
1974 FEDERAL 50 HR S/D W/EXT WEATH	1920	-54	626	952	195	1721	2055	1472	3857	3661	1282	-474	2812	2520
1975 FEDERAL 50 HR S/D W/EXT WEATH	2050	2582	3291	1692	-2114	-125	2475	2154	4017	3810	1887	1307	3424	2437
1976 FEDERAL 50 HR S/D W/EXT WEATH	1958	2499	1866	3146	1029	1734	2271	1739	4198	4143	1892	226	3937	2498
1977 FEDERAL 50 HR S/D W/EXT WEATH	2027	2611	3359	3148	-2114	-401	-755	1147	98	696	1833	858	1067	1833
1978 FEDERAL 50 HR S/D W/EXT WEATH	1026	-54	626	341	-521	1652	2202	1593	4021	4178	2153	1541	3643	2424

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2005- 6 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	1946	59	783	2177	-2120	-467	-979	695	230	874	2816	1393	4305	2640
1930 FEDERAL 50 HR S/D W/EXT WEATH	1905	-67	696	329	-1317	1121	-1539	-1929	230	3792	4660	44	469	2619
1931 FEDERAL 50 HR S/D W/EXT WEATH	1889	2155	614	329	-1136	677	-1655	-2664	230	4968	593	4101	1184	2568
1932 FEDERAL 50 HR S/D W/EXT WEATH	1409	-67	614	329	-656	-548	-3107	492	4577	4467	3185	2925	4203	2616
1933 FEDERAL 50 HR S/D W/EXT WEATH	1940	2506	1769	2120	-745	787	2389	1702	1201	3877	3007	2700	3830	2721
1934 FEDERAL 50 HR S/D W/EXT WEATH	1998	2543	3260	3114	726	1721	2182	1779	4144	3869	3114	2635	3028	78
1935 FEDERAL 50 HR S/D W/EXT WEATH	290	-67	614	329	-880	1019	2332	1734	3894	3906	2946	2594	3876	2521
1936 FEDERAL 50 HR S/D W/EXT WEATH	1880	-67	614	329	-2121	623	-998	1183	340	3058	3777	3742	4305	2638
1937 FEDERAL 50 HR S/D W/EXT WEATH	1916	-67	820	329	-1572	249	-1840	-2292	230	874	-212	3807	3615	2485
1938 FEDERAL 50 HR S/D W/EXT WEATH	1336	176	614	329	-145	1307	2374	1700	3904	4013	3214	2559	4015	2605
1939 FEDERAL 50 HR S/D W/EXT WEATH	1935	-67	614	933	-2125	-104	-1561	2390	4666	4853	3954	3623	-423	2634
1940 FEDERAL 50 HR S/D W/EXT WEATH	1905	-67	908	1826	-1157	-68	893	2382	4874	5039	4255	3478	109	2625
1941 FEDERAL 50 HR S/D W/EXT WEATH	1523	-67	614	2144	-1753	261	375	-21	1993	1869	3292	3239	3762	2376
1942 FEDERAL 50 HR S/D W/EXT WEATH	593	-67	614	2457	393	1686	2365	1962	230	4858	4200	3990	4557	2652
1943 FEDERAL 50 HR S/D W/EXT WEATH	1935	2495	1004	1571	-1495	24	2368	1781	4250	4102	3205	2454	4060	2653
1944 FEDERAL 50 HR S/D W/EXT WEATH	1972	2513	1943	2188	-2120	-246	-1003	1464	230	874	1401	2631	2341	1910
1945 FEDERAL 50 HR S/D W/EXT WEATH	998	-67	614	329	-1009	1240	-3108	-2022	230	1736	2867	3670	4511	2656
1946 FEDERAL 50 HR S/D W/EXT WEATH	1943	1347	1317	329	-950	1739	2423	1830	4175	4332	3341	2729	4221	2633
1947 FEDERAL 50 HR S/D W/EXT WEATH	1943	466	2418	2658	-441	1748	2409	1768	4078	4248	3216	2612	4315	2602
1948 FEDERAL 50 HR S/D W/EXT WEATH	1934	-67	2018	3168	1061	1756	2491	2140	4372	4172	3106	1885	3832	2660
1949 FEDERAL 50 HR S/D W/EXT WEATH	1991	2536	3285	3123	-1462	-1051	2370	1862	4300	4257	2951	3061	4209	2092
1950 FEDERAL 50 HR S/D W/EXT WEATH	640	-67	614	329	-2120	1195	2477	1885	4029	4064	3002	2108	2374	2614
1951 FEDERAL 50 HR S/D W/EXT WEATH	1994	2543	3283	3190	810	1797	2418	1585	4058	4085	2618	2208	3963	2551
1952 FEDERAL 50 HR S/D W/EXT WEATH	2007	2547	3262	3167	1039	1733	2348	1786	4162	4320	3150	1755	4192	2652
1953 FEDERAL 50 HR S/D W/EXT WEATH	1935	-67	646	731	-2120	120	1298	2425	4427	3486	3664	3111	3931	2707
1954 FEDERAL 50 HR S/D W/EXT WEATH	1972	2506	2063	2939	-663	627	2643	2360	4281	4063	3013	2395	3568	2619
1955 FEDERAL 50 HR S/D W/EXT WEATH	2028	2603	3343	3164	1016	716	2635	1158	230	5343	4002	3499	4171	2730
1956 FEDERAL 50 HR S/D W/EXT WEATH	2016	2563	3279	3171	882	1771	2401	1700	3804	3697	2469	1956	2922	2555
1957 FEDERAL 50 HR S/D W/EXT WEATH	1979	2515	2825	3141	-1345	1336	2621	2408	4510	4306	3255	2285	4267	2645
1958 FEDERAL 50 HR S/D W/EXT WEATH	1944	-67	1022	1486	-2116	-529	2624	2454	4659	4768	3699	3245	4584	2167
1959 FEDERAL 50 HR S/D W/EXT WEATH	1938	291	977	3083	613	1751	2433	1743	3967	3981	2913	2504	3416	2597
1960 FEDERAL 50 HR S/D W/EXT WEATH	1968	2522	3286	3189	786	1771	2377	2222	4927	4407	3502	3023	4056	2571
1961 FEDERAL 50 HR S/D W/EXT WEATH	1928	-67	614	2196	-231	-1437	2465	2111	4492	4417	2793	3094	2882	2644
1962 FEDERAL 50 HR S/D W/EXT WEATH	1897	917	614	2578	-2120	-444	2384	2011	2804	4573	3418	3108	4335	2658
1963 FEDERAL 50 HR S/D W/EXT WEATH	1937	2512	899	3136	1019	1747	2423	2285	2724	5599	4523	3912	4518	2642
1964 FEDERAL 50 HR S/D W/EXT WEATH	1943	2357	2765	1879	-2120	-1056	2654	2336	1583	4334	3138	2666	2700	2689
1965 FEDERAL 50 HR S/D W/EXT WEATH	1986	2530	3282	3137	950	1755	2169	1745	3938	4032	2871	2513	3737	2338
1966 FEDERAL 50 HR S/D W/EXT WEATH	1669	2516	2963	3114	462	303	2583	2452	2729	5057	3827	3281	4061	2647
1967 FEDERAL 50 HR S/D W/EXT WEATH	1932	350	1121	1807	-2085	592	2562	2022	3982	3833	-212	2388	3669	2395
1968 FEDERAL 50 HR S/D W/EXT WEATH	1896	2524	3263	3122	-72	357	2486	2144	4644	3283	2128	3225	4163	2433
1969 FEDERAL 50 HR S/D W/EXT WEATH	1951	2489	3251	3160	987	1741	2398	2047	4399	4245	3075	2141	4522	2374
1970 FEDERAL 50 HR S/D W/EXT WEATH	1930	-67	992	3103	-1804	-1124	2644	2442	4797	4499	4018	3351	4364	2666
1971 FEDERAL 50 HR S/D W/EXT WEATH	1956	75	614	1509	-1822	1685	2621	2014	4194	3981	2842	1591	2892	2734
1972 FEDERAL 50 HR S/D W/EXT WEATH	2037	2568	3282	2946	-329	677	2381	1756	3639	3848	2736	1309	2930	2409
1973 FEDERAL 50 HR S/D W/EXT WEATH	2022	2569	3306	3134	-1063	1253	2638	2616	2591	874	-24	3181	3497	2646
1974 FEDERAL 50 HR S/D W/EXT WEATH	1907	-67	614	956	114	1744	2239	1646	3989	3839	2408	648	2986	2694
1975 FEDERAL 50 HR S/D W/EXT WEATH	2037	2569	3279	1696	-2121	-85	2621	2307	4149	3988	3013	2429	3598	2611
1976 FEDERAL 50 HR S/D W/EXT WEATH	1945	2486	1869	3134	1024	1757	2438	1893	4330	4321	3018	1348	4112	2672
1977 FEDERAL 50 HR S/D W/EXT WEATH	2014	2598	3347	3135	-2121	-359	-655	1308	230	874	2979	1997	1257	2018
1978 FEDERAL 50 HR S/D W/EXT WEATH	1036	-67	614	329	-597	1675	2343	1747	4153	4356	3278	2663	3817	2599

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2006- 7 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	2133	271	999	3168	-1194	517	-24	1633	1350	1908	2921	1572	5390	3707
1930 FEDERAL 50 HR S/D W/EXT WEATH	2092	121	912	1303	-365	2104	-591	-988	1350	4843	4747	235	1563	3686
1931 FEDERAL 50 HR S/D W/EXT WEATH	2076	2356	808	1303	-188	1660	-711	-1741	1350	6013	713	4266	2275	3635
1932 FEDERAL 50 HR S/D W/EXT WEATH	1615	121	808	1303	289	437	-2185	1433	5697	5501	3273	3090	5281	3683
1933 FEDERAL 50 HR S/D W/EXT WEATH	2127	2693	1978	3109	200	1768	3311	2625	2350	4911	3094	2865	4907	3787
1934 FEDERAL 50 HR S/D W/EXT WEATH	2186	2730	3454	4088	1652	2685	3106	2704	5264	4903	3201	2800	4120	1144
1935 FEDERAL 50 HR S/D W/EXT WEATH	503	121	808	1303	64	1998	3255	2658	5014	4941	3033	2759	4954	3587
1936 FEDERAL 50 HR S/D W/EXT WEATH	2068	121	808	1303	-1194	1606	-54	2125	1475	4108	3864	3907	5383	3705
1937 FEDERAL 50 HR S/D W/EXT WEATH	2104	121	1033	1303	-624	1233	-893	-1351	1350	1908	-125	3972	4702	3562
1938 FEDERAL 50 HR S/D W/EXT WEATH	1545	391	808	1303	798	2287	3296	2624	5024	5048	3301	2724	5092	3672
1939 FEDERAL 50 HR S/D W/EXT WEATH	2122	121	808	1927	-1196	878	-608	3313	5786	5887	4041	3788	677	3701
1940 FEDERAL 50 HR S/D W/EXT WEATH	2092	121	1121	2818	-207	917	1841	3306	5994	6074	4342	3643	1209	3691
1941 FEDERAL 50 HR S/D W/EXT WEATH	1730	121	808	3133	-804	1241	1322	915	3132	2927	3395	3417	4846	3452
1942 FEDERAL 50 HR S/D W/EXT WEATH	805	121	808	3445	1335	2650	3288	2887	1350	5904	4299	4155	5635	3718
1943 FEDERAL 50 HR S/D W/EXT WEATH	2122	2682	1216	2563	-553	1006	3290	2705	5370	5136	3292	2619	5138	3719
1944 FEDERAL 50 HR S/D W/EXT WEATH	2159	2701	2152	3177	-1194	736	-51	2396	1350	1908	1514	2807	3429	2988
1945 FEDERAL 50 HR S/D W/EXT WEATH	1203	121	808	1303	-62	2220	-2186	-1085	1350	2792	2967	3835	5589	3722
1946 FEDERAL 50 HR S/D W/EXT WEATH	2130	1551	1528	1303	-4	2702	3344	2753	5296	5366	3428	2894	5299	3700
1947 FEDERAL 50 HR S/D W/EXT WEATH	2130	674	2626	3648	503	2712	3332	2691	5198	5282	3303	2777	5392	3669
1948 FEDERAL 50 HR S/D W/EXT WEATH	2121	121	2229	4142	1987	2720	3413	3064	5492	5206	3193	2050	4910	3727
1949 FEDERAL 50 HR S/D W/EXT WEATH	2179	2723	3480	4097	-516	-67	3291	2785	5420	5291	3038	3226	5287	3176
1950 FEDERAL 50 HR S/D W/EXT WEATH	847	121	808	1303	-1194	2173	3400	2809	5149	5098	3090	2273	3452	3681
1951 FEDERAL 50 HR S/D W/EXT WEATH	2182	2730	3477	4164	1736	2761	3341	2509	5178	5119	2706	2373	5040	3617
1952 FEDERAL 50 HR S/D W/EXT WEATH	2195	2734	3456	4141	1964	2697	3270	2710	5282	5354	3237	1920	5269	3718
1953 FEDERAL 50 HR S/D W/EXT WEATH	2122	121	862	1725	-1194	1105	2236	3350	5547	4546	3752	3276	5009	3773
1954 FEDERAL 50 HR S/D W/EXT WEATH	2159	2693	2277	3925	282	1606	3565	3284	5401	5097	3100	2560	4646	3685
1955 FEDERAL 50 HR S/D W/EXT WEATH	2215	2791	3537	4138	1942	1698	3557	2098	1350	6378	4100	3664	5248	3797
1956 FEDERAL 50 HR S/D W/EXT WEATH	2203	2750	3473	4145	1808	2735	3325	2624	4924	4731	2556	2121	3999	3621
1957 FEDERAL 50 HR S/D W/EXT WEATH	2166	2702	3034	4115	-400	2312	3543	3331	5630	5340	3342	2451	5344	3711
1958 FEDERAL 50 HR S/D W/EXT WEATH	2131	121	1234	2478	-1164	454	3546	3378	5779	5802	3786	3410	5662	3248
1959 FEDERAL 50 HR S/D W/EXT WEATH	2125	499	1195	4071	1552	2715	3356	2668	5087	5015	3000	2669	4493	3663
1960 FEDERAL 50 HR S/D W/EXT WEATH	2155	2709	3480	4163	1712	2734	3302	3146	6047	5441	3589	3188	5134	3638
1961 FEDERAL 50 HR S/D W/EXT WEATH	2115	121	808	3188	713	-449	3387	3036	5612	5452	2895	3259	3960	3710
1962 FEDERAL 50 HR S/D W/EXT WEATH	2084	1126	808	3568	-1194	538	3305	2935	3944	5607	3505	3273	5412	3724
1963 FEDERAL 50 HR S/D W/EXT WEATH	2124	2699	1115	4110	1945	2711	3346	3209	3867	6634	4610	4077	5595	3709
1964 FEDERAL 50 HR S/D W/EXT WEATH	2130	2558	2975	2872	-1181	-72	3576	3259	2729	5369	3225	2831	3778	3755
1965 FEDERAL 50 HR S/D W/EXT WEATH	2173	2718	3476	4111	1888	2719	3093	2668	5058	5066	2958	2678	4815	3404
1966 FEDERAL 50 HR S/D W/EXT WEATH	1857	2703	3171	4088	1403	1284	3505	3376	3870	6091	3914	3446	5150	3714
1967 FEDERAL 50 HR S/D W/EXT WEATH	2119	558	1333	2797	-1137	1573	3485	2946	5102	4868	-125	2553	4747	3461
1968 FEDERAL 50 HR S/D W/EXT WEATH	2084	2712	3457	4096	867	1338	3409	3067	5764	4338	2232	3390	5241	3499
1969 FEDERAL 50 HR S/D W/EXT WEATH	2139	2676	3445	4134	1913	2705	3322	2971	5519	5279	3163	2306	5599	3441
1970 FEDERAL 50 HR S/D W/EXT WEATH	2117	121	1207	4077	-854	-142	3566	3367	5917	5550	4105	3517	5441	3732
1971 FEDERAL 50 HR S/D W/EXT WEATH	2143	281	808	2500	-875	2660	3543	2940	5314	5015	2929	1756	3970	3801
1972 FEDERAL 50 HR S/D W/EXT WEATH	2224	2756	3476	3933	613	1658	3304	2680	4759	4883	2824	1474	4008	3476
1973 FEDERAL 50 HR S/D W/EXT WEATH	2209	2757	3500	4108	-116	2228	3560	3539	3732	1908	97	3357	4584	3713
1974 FEDERAL 50 HR S/D W/EXT WEATH	2095	121	808	1950	1058	2708	3164	2571	5109	4873	2496	813	4064	3761
1975 FEDERAL 50 HR S/D W/EXT WEATH	2224	2757	3474	2687	-1194	897	3542	3230	5269	5022	3100	2594	4676	3677
1976 FEDERAL 50 HR S/D W/EXT WEATH	2132	2674	2080	4108	1950	2721	3361	2816	5450	5356	3105	1513	5189	3739
1977 FEDERAL 50 HR S/D W/EXT WEATH	2201	2786	3541	4109	-1194	624	297	2244	1350	1908	3085	2180	2350	3095
1978 FEDERAL 50 HR S/D W/EXT WEATH	1249	121	808	1303	345	2639	3264	2671	5273	5390	3366	2828	4894	3665

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2007- 8 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	3137	1294	1901	3352	-1027	706	81	1768	1480	2037	4013	2699	5562	3880
1930 FEDERAL 50 HR S/D W/EXT WEATH	3096	1125	1812	1474	-178	2287	-486	-850	1480	4983	5823	1375	1745	3860
1931 FEDERAL 50 HR S/D W/EXT WEATH	3080	3376	1692	1474	-2	1845	-606	-1617	1480	6152	1818	5381	2457	3809
1932 FEDERAL 50 HR S/D W/EXT WEATH	2643	1125	1692	1474	475	626	-2103	1566	5827	5630	4348	4206	5448	3856
1933 FEDERAL 50 HR S/D W/EXT WEATH	3131	3697	2877	3293	382	1950	3390	2749	2508	5040	4170	3980	5074	3961
1934 FEDERAL 50 HR S/D W/EXT WEATH	3190	3734	4337	4259	1819	2853	3185	2828	5394	5032	4277	3915	4299	1318
1935 FEDERAL 50 HR S/D W/EXT WEATH	1528	1125	1692	1474	248	2182	3334	2782	5144	5070	4109	3874	5120	3761
1936 FEDERAL 50 HR S/D W/EXT WEATH	3072	1125	1692	1474	-1027	1791	50	2266	1618	4251	4940	5022	5549	3879
1937 FEDERAL 50 HR S/D W/EXT WEATH	3108	1125	1938	1474	-437	1417	-784	-1213	1480	2037	951	5087	4876	3748
1938 FEDERAL 50 HR S/D W/EXT WEATH	2566	1416	1692	1474	979	2468	3379	2748	5154	5177	4377	3839	5259	3845
1939 FEDERAL 50 HR S/D W/EXT WEATH	3127	1125	1692	2118	-1028	1064	-498	3437	5915	6016	5117	4904	862	3875
1940 FEDERAL 50 HR S/D W/EXT WEATH	3096	1125	2025	3006	-22	1102	1946	3429	6124	6202	5418	4759	1392	3864
1941 FEDERAL 50 HR S/D W/EXT WEATH	2753	1125	1692	3320	-616	1428	1422	1051	3279	3074	4486	4545	5020	3634
1942 FEDERAL 50 HR S/D W/EXT WEATH	1832	1125	1692	3631	1513	2820	3367	3011	1480	6041	5386	5270	5801	3892
1943 FEDERAL 50 HR S/D W/EXT WEATH	3126	3686	2117	2751	-366	1189	3372	2829	5499	5265	4368	3735	5304	3893
1944 FEDERAL 50 HR S/D W/EXT WEATH	3163	3705	3050	3363	-1027	922	57	2530	1480	2037	2612	3934	3606	3172
1945 FEDERAL 50 HR S/D W/EXT WEATH	2228	1125	1692	1474	123	2402	-2104	-947	1480	2939	4052	4951	5756	3896
1946 FEDERAL 50 HR S/D W/EXT WEATH	3134	2570	2428	1474	181	2871	3427	2877	5425	5495	4504	4010	5466	3873
1947 FEDERAL 50 HR S/D W/EXT WEATH	3134	1701	3522	3829	684	2882	3411	2815	5328	5411	4379	3892	5559	3842
1948 FEDERAL 50 HR S/D W/EXT WEATH	3125	1125	3127	4313	2154	2889	3495	3188	5622	5335	4269	3165	5076	3900
1949 FEDERAL 50 HR S/D W/EXT WEATH	3183	3727	4363	4268	-332	118	3374	2909	5550	5420	4114	4342	5454	3362
1950 FEDERAL 50 HR S/D W/EXT WEATH	1870	1125	1692	1474	-1027	2355	3479	2933	5278	5227	4166	3389	3618	3854
1951 FEDERAL 50 HR S/D W/EXT WEATH	3186	3734	4360	4335	1903	2930	3420	2633	5308	5248	3781	3488	5207	3791
1952 FEDERAL 50 HR S/D W/EXT WEATH	3199	3738	4339	4312	2131	2867	3353	2834	5411	5483	4313	3036	5436	3892
1953 FEDERAL 50 HR S/D W/EXT WEATH	3126	1125	1765	1914	-1027	1291	2330	3474	5676	4696	4827	4392	5175	3947
1954 FEDERAL 50 HR S/D W/EXT WEATH	3164	3697	3172	4111	463	1789	3644	3408	5530	5226	4176	3675	4813	3859
1955 FEDERAL 50 HR S/D W/EXT WEATH	3219	3795	4421	4309	2109	1883	3636	2239	1480	6506	5185	4779	5415	3970
1956 FEDERAL 50 HR S/D W/EXT WEATH	3207	3754	4356	4316	1975	2904	3404	2748	5053	4860	3632	3236	4166	3795
1957 FEDERAL 50 HR S/D W/EXT WEATH	3170	3706	3931	4286	-217	2493	3626	3455	5760	5469	4418	3566	5511	3885
1958 FEDERAL 50 HR S/D W/EXT WEATH	3135	1125	2132	2664	-975	638	3629	3502	5908	5931	4862	4526	5829	3438
1959 FEDERAL 50 HR S/D W/EXT WEATH	3129	1521	2097	4254	1731	2885	3435	2792	5217	5144	4076	3785	4660	3837
1960 FEDERAL 50 HR S/D W/EXT WEATH	3159	3713	4364	4334	1879	2904	3381	3270	6177	5570	4665	4303	5301	3811
1961 FEDERAL 50 HR S/D W/EXT WEATH	3120	1125	1692	3374	895	-261	3470	3160	5742	5580	3981	4375	4126	3884
1962 FEDERAL 50 HR S/D W/EXT WEATH	3088	2146	1692	3753	-1027	725	3388	3059	4094	5736	4581	4388	5579	3898
1963 FEDERAL 50 HR S/D W/EXT WEATH	3128	3702	2013	4281	2112	2881	3425	3333	4020	6762	5686	5192	5762	3882
1964 FEDERAL 50 HR S/D W/EXT WEATH	3134	3577	3873	3059	-995	113	3655	3383	2884	5498	4301	3947	3945	3929
1965 FEDERAL 50 HR S/D W/EXT WEATH	3177	3722	4360	4282	2066	2889	3172	2792	5188	5195	4034	3794	4982	3578
1966 FEDERAL 50 HR S/D W/EXT WEATH	2861	3707	4066	4259	1581	1470	3588	3500	4020	6220	4990	4561	5327	3887
1967 FEDERAL 50 HR S/D W/EXT WEATH	3123	1580	2236	2985	-951	1756	3564	3070	5231	4997	951	3669	4913	3635
1968 FEDERAL 50 HR S/D W/EXT WEATH	3088	3716	4340	4267	1050	1526	3488	3191	5893	4488	3326	4506	5407	3673
1969 FEDERAL 50 HR S/D W/EXT WEATH	3143	3680	4329	4305	2080	2874	3405	3095	5649	5408	4238	3422	5766	3614
1970 FEDERAL 50 HR S/D W/EXT WEATH	3121	1125	2106	4248	-667	46	3649	3491	6047	5692	5180	4632	5608	3906
1971 FEDERAL 50 HR S/D W/EXT WEATH	3147	1303	1692	2689	-693	2839	3622	3064	5443	5144	4005	2872	4137	3974
1972 FEDERAL 50 HR S/D W/EXT WEATH	3228	3760	4359	4114	795	1839	3387	2804	4888	5011	3899	2590	4174	3649
1973 FEDERAL 50 HR S/D W/EXT WEATH	3213	3761	4384	4279	66	2410	3643	3663	3877	2037	1200	4481	4759	3886
1974 FEDERAL 50 HR S/D W/EXT WEATH	3099	1125	1692	2137	1236	2878	3243	2695	5239	5002	3571	1928	4230	3935
1975 FEDERAL 50 HR S/D W/EXT WEATH	3228	3761	4357	2873	-1027	1079	3625	3354	5399	5151	4176	3709	4842	3851
1976 FEDERAL 50 HR S/D W/EXT WEATH	3136	3678	2979	4279	2117	2890	3440	2940	5580	5484	4181	2628	5356	3912
1977 FEDERAL 50 HR S/D W/EXT WEATH	3206	3790	4425	4280	-1027	810	408	2379	1480	2037	4178	3309	2529	3280
1978 FEDERAL 50 HR S/D W/EXT WEATH	2271	1125	1692	1474	531	2808	3347	2795	5403	5519	4442	3944	5061	3839

FEDERAL SYSTEM CAPACITY ANALYSIS

FEDERAL SYSTEM 50-HOURS/WEEK SUSTAINED CAPACITY SURPLUS/DEFICIT
 INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY
 FOR THE 50 HISTORICAL WATER YEARS ON RECORD (FEDERAL TABLE 2 LINE 42)

1998 WHITE BOOK: 12/31/98

2008- 9 OPERATING YEAR

RUN DATE: 12/31/98

PEAK IN MEGAWATTS	AUG		SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL
	1-15	16-31								1-15	16-30			
1929 FEDERAL 50 HR S/D W/EXT WEATH	3312	1478	2085	3532	-908	833	111	1749	1472	2031	3068	1751	5864	4178
1930 FEDERAL 50 HR S/D W/EXT WEATH	3271	1299	1995	1645	-46	2413	-460	-866	1472	4981	4869	434	2052	4157
1931 FEDERAL 50 HR S/D W/EXT WEATH	3255	3557	1866	1645	125	1973	-579	-1639	1472	6149	881	4427	2763	4106
1932 FEDERAL 50 HR S/D W/EXT WEATH	2827	1299	1866	1645	603	754	-2084	1549	5819	5623	3395	3252	5747	4154
1933 FEDERAL 50 HR S/D W/EXT WEATH	3306	3871	3059	3474	508	2076	3407	2728	2512	5033	3216	3027	5373	4258
1934 FEDERAL 50 HR S/D W/EXT WEATH	3364	3909	4512	4431	1938	2972	3202	2806	5386	5025	3323	2962	4604	1615
1935 FEDERAL 50 HR S/D W/EXT WEATH	1714	1299	1866	1645	375	2307	3351	2760	5136	5063	3155	2920	5420	4059
1936 FEDERAL 50 HR S/D W/EXT WEATH	3246	1299	1866	1645	-908	1919	76	2252	1616	4252	3986	4069	5849	4176
1937 FEDERAL 50 HR S/D W/EXT WEATH	3282	1299	2119	1645	-306	1546	-758	-1229	1472	2031	-3	4134	5179	4049
1938 FEDERAL 50 HR S/D W/EXT WEATH	2750	1597	1866	1645	1105	2594	3397	2726	5146	5170	3423	2885	5558	4143
1939 FEDERAL 50 HR S/D W/EXT WEATH	3301	1299	1866	2295	-908	1191	-468	3415	5908	6009	4164	3950	1170	4172
1940 FEDERAL 50 HR S/D W/EXT WEATH	3271	1299	2209	3184	105	1229	1974	3408	6116	6196	4464	3805	1700	4161
1941 FEDERAL 50 HR S/D W/EXT WEATH	2936	1299	1876	3500	-488	1554	1452	1034	3276	3072	3540	3597	5323	3935
1942 FEDERAL 50 HR S/D W/EXT WEATH	2017	1299	1866	3808	1638	2940	3384	2989	1472	6038	4438	4317	6101	4190
1943 FEDERAL 50 HR S/D W/EXT WEATH	3301	3861	2298	2927	-238	1315	3391	2808	5492	5259	3414	2781	5604	4190
1944 FEDERAL 50 HR S/D W/EXT WEATH	3338	3879	3229	3539	-908	1049	85	2512	1472	2031	1670	2985	3909	3474
1945 FEDERAL 50 HR S/D W/EXT WEATH	2413	1299	1866	1645	252	2527	-2085	-963	1472	2943	3103	3997	6055	4193
1946 FEDERAL 50 HR S/D W/EXT WEATH	3309	2754	2611	1645	308	2991	3445	2856	5417	5488	3550	3056	5765	4171
1947 FEDERAL 50 HR S/D W/EXT WEATH	3309	1884	3704	4008	808	3002	3428	2794	5320	5404	3425	2939	5858	4140
1948 FEDERAL 50 HR S/D W/EXT WEATH	3300	1299	3309	4485	2273	3009	3514	3167	5614	5328	3315	2212	5376	4198
1949 FEDERAL 50 HR S/D W/EXT WEATH	3357	3902	4538	4439	-205	249	3392	2888	5542	5413	3160	3388	5753	3663
1950 FEDERAL 50 HR S/D W/EXT WEATH	2053	1299	1866	1645	-908	2482	3496	2911	5271	5220	3212	2435	3918	4152
1951 FEDERAL 50 HR S/D W/EXT WEATH	3361	3909	4535	4507	2022	3050	3438	2611	5300	5242	2828	2535	5506	4088
1952 FEDERAL 50 HR S/D W/EXT WEATH	3373	3913	4514	4484	2250	2987	3371	2812	5403	5477	3359	2082	5735	4189
1953 FEDERAL 50 HR S/D W/EXT WEATH	3301	1299	1945	2094	-908	1420	2355	3452	5669	4700	3874	3438	5475	4244
1954 FEDERAL 50 HR S/D W/EXT WEATH	3338	3872	3352	4288	592	1915	3662	3387	5523	5219	3223	2721	5112	4156
1955 FEDERAL 50 HR S/D W/EXT WEATH	3394	3970	4595	4480	2229	2011	3653	2223	1472	6500	4235	3826	5714	4268
1956 FEDERAL 50 HR S/D W/EXT WEATH	3382	3929	4531	4488	2094	3025	3421	2727	5046	4853	2678	2283	4465	4092
1957 FEDERAL 50 HR S/D W/EXT WEATH	3345	3881	4110	4457	-92	2617	3644	3434	5752	5462	3464	2612	5810	4183
1958 FEDERAL 50 HR S/D W/EXT WEATH	3310	1299	2318	2843	-847	766	3647	3480	5900	5924	3908	3572	6128	3742
1959 FEDERAL 50 HR S/D W/EXT WEATH	3304	1707	2277	4426	1856	3005	3452	2771	5209	5137	3122	2831	4960	4134
1960 FEDERAL 50 HR S/D W/EXT WEATH	3334	3888	4539	4505	1998	3024	3398	3249	6169	5564	3711	3350	5600	4109
1961 FEDERAL 50 HR S/D W/EXT WEATH	3294	1299	1866	3552	1018	-135	3488	3139	5734	5574	3032	3421	4426	4181
1962 FEDERAL 50 HR S/D W/EXT WEATH	3263	2331	1866	3930	-908	852	3406	3037	4092	5729	3627	3435	5879	4196
1963 FEDERAL 50 HR S/D W/EXT WEATH	3303	3877	2200	4452	2231	3001	3442	3311	4022	6756	4732	4238	6061	4180
1964 FEDERAL 50 HR S/D W/EXT WEATH	3309	3758	4054	3238	-866	244	3672	3362	2884	5491	3347	2993	4244	4227
1965 FEDERAL 50 HR S/D W/EXT WEATH	3352	3896	4535	4453	2190	3009	3189	2771	5180	5188	3081	2840	5281	3876
1966 FEDERAL 50 HR S/D W/EXT WEATH	3036	3882	4245	4430	1708	1596	3606	3478	4022	6213	4036	3608	5632	4185
1967 FEDERAL 50 HR S/D W/EXT WEATH	3298	1766	2417	3163	-822	1882	3581	3049	5224	4990	-3	2715	5213	3932
1968 FEDERAL 50 HR S/D W/EXT WEATH	3262	3891	4515	4438	1174	1650	3505	3169	5886	4489	2379	3552	5707	3970
1969 FEDERAL 50 HR S/D W/EXT WEATH	3317	3855	4504	4476	2199	2995	3423	3074	5641	5401	3285	2468	6065	3912
1970 FEDERAL 50 HR S/D W/EXT WEATH	3296	1299	2289	4419	-538	174	3668	3469	6039	5691	4226	3678	5907	4203
1971 FEDERAL 50 HR S/D W/EXT WEATH	3322	1487	1866	2865	-565	2964	3639	3043	5436	5137	3051	1918	4436	4272
1972 FEDERAL 50 HR S/D W/EXT WEATH	3403	3934	4534	4293	919	1967	3405	2782	4881	5005	2946	1636	4474	3947
1973 FEDERAL 50 HR S/D W/EXT WEATH	3388	3935	4558	4451	193	2536	3661	3641	3878	2031	259	3531	5064	4184
1974 FEDERAL 50 HR S/D W/EXT WEATH	3273	1299	1866	2315	1363	2998	3260	2673	5231	4995	2618	975	4530	4232
1975 FEDERAL 50 HR S/D W/EXT WEATH	3403	3935	4532	3052	-908	1206	3644	3332	5391	5144	3222	2756	5142	4148
1976 FEDERAL 50 HR S/D W/EXT WEATH	3311	3852	3159	4450	2236	3009	3457	2918	5572	5478	3228	1675	5655	4210
1977 FEDERAL 50 HR S/D W/EXT WEATH	3380	3964	4599	4452	-908	938	436	2361	1472	2031	3232	2362	2837	3584
1978 FEDERAL 50 HR S/D W/EXT WEATH	2456	1299	1866	1645	656	2928	3365	2773	5395	5513	3488	2990	5361	4136