

TABLE R-1: REGIONAL 50-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS  
EXISTING REGIONAL CONTRACTS AND NO NEW RESOURCE ACQUISITIONS

M E D I U M L O A D S

1998 WHITE BOOK: 12/31/98  
RUN DATE: 12/31/98

1937 WATER YEAR

	AUG 1-15 -----	AUG 16-31 -----	SEP -----	OCT -----	NOV -----	DEC -----	JAN -----	FEB -----	MAR -----	APR 1-15 -----	APR 16-30 -----	MAY -----	JUN -----	JUL -----
PEAK IN MEGAWATTS														
1999-00	4015	1898	646	-716	-3731	-2915	-6079	-6590	-1535	-1058	-2521	2224	4699	3798
2000-01	3677	1561	1016	58	-3813	-2973	-6405	-7049	-1751	-1380	-3588	1257	4330	367
2001-02	3517	1382	867	-122	-4191	-3153	-6455	-7107	-2119	-1405	-2669	1918	4389	363
2002-03	3477	1335	1079	-333	-3892	-3379	-6438	-7106	-2227	-2004	-4516	769	3742	301
2003-04	2811	669	252	-1078	-4644	-4139	-7509	-8158	-3239	-2590	-3855	2293	3803	2932
2004-05	3027	887	446	-1429	-5533	-4492	-7869	-8568	-3497	-3095	-5184	1274	3999	3182
2005-06	3037	897	779	-1193	-5305	-4527	-7864	-8501	-3619	-2463	-3453	1163	3962	3062
2006-07	2926	787	502	-1306	-5392	-4581	-8232	-8982	-3707	-2646	-4884	136	3559	2727
2007-08	2568	427	95	-1623	-5936	-4933	-8684	-9336	-4240	-2888	-3879	741	3863	2947
2008-09	2829	688	637	-1711	-5873	-5391	-8957	-9694	-4506	-3110	-5347	-27	3916	3085

TABLE R-1A: REGIONAL 30-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

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PEAK IN MEGAWATTS														
1999-00	4015	2563	1318	-52	-2933	-1718	-5091	-5921	-1015	-393	-1856	2224	5557	4026
2000-01	3677	2226	1687	723	-3015	-1776	-5417	-6380	-1231	-715	-2924	1257	5189	3900
2001-02	3517	2047	1568	542	-3370	-1960	-5446	-6410	-1599	-741	-2004	1918	5237	3829
2002-03	3477	1999	1795	331	-3064	-2188	-5421	-6402	-1708	-1340	-3852	769	4582	3195
2003-04	2811	1333	975	-414	-3807	-2948	-6485	-7444	-2719	-1926	-3191	2293	4634	3107
2004-05	3027	1552	1176	-764	-4688	-3303	-6838	-7849	-2977	-2430	-4520	1274	4822	3345
2005-06	3037	1562	1516	-528	-4452	-3339	-6826	-7774	-3099	-1798	-2788	1163	4777	3217
2006-07	2926	1451	1246	-642	-4532	-3396	-7187	-8247	-3187	-1981	-4219	136	4364	287
2007-08	2568	1092	847	-959	-5070	-3749	-7634	-8593	-3720	-2224	-3215	741	4661	3079
2008-09	2829	1352	1391	-1046	-5004	-4207	-7904	-8949	-3986	-2445	-4682	-27	4711	3213

TABLE R-1B: REGIONAL 70-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING REGIONAL CONTRACTS

REGIONAL FIRM 70-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY  
10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS  
EXISTING REGIONAL CONTRACTS AND NO NEW RESOURCE ACQUISITIONS

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1998 WHITE BOOK: 12/31/98

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1937 WATER YEAR

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PEAK IN MEGAWATTS														
1999-00	3936	1142	-112	-1472	-4530	-3976	-7043	-7410	-2291	-1814	-3277	1480	3385	2723
2000-01	3598	805	258	-698	-4612	-4034	-7369	-7869	-2506	-2136	-4344	513	3017	2596
2001-02	3471	626	100	-878	-4999	-4211	-7430	-7939	-2874	-2161	-3425	1174	3073	2546
2002-03	3437	579	307	-1089	-4703	-4436	-7416	-7941	-2983	-2760	-5272	33	2425	1924
2003-04	2784	-87	-523	-1834	-5457	-5194	-8490	-8997	-3994	-3347	-4611	1563	2485	1844
2004-05	3013	131	-330	-2185	-6349	-5547	-8853	-9410	-4252	-3851	-5940	551	2681	2092
2005-06	3037	141	0	-1949	-6124	-5580	-8852	-9347	-4374	-3219	-4209	448	2644	1971
2006-07	2926	31	-279	-2062	-6214	-5634	-9222	-9831	-4462	-3402	-5640	-570	2239	1634
2007-08	2568	-329	-688	-2379	-6761	-5985	-9678	-10188	-4995	-3644	-4635	41	2543	1853
2008-09	2829	-68	-146	-2467	-6700	-6442	-9952	-10547	-5262	-3866	-6103	-723	2596	1990

TABLE F-1: FEDERAL 50-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL SYSTEM FIRM 50-HOUR CAPACITY SURPLUS/DEFICIT

INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

10 YEAR MONTHLY SUMMARY

ASSUMING NO NIGHTTIME RETURN CONSTRAINTS

EXISTING FEDERAL CONTRACTS AND NO NEW RESOURCE ACQUISITIONS

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PEAK IN MEGAWATTS														
1999-00	2911	927	630	-368	-1268	439	-1918	-2443	430	1018	-380	3227	2735	2196
2000-01	2689	712	1337	631	-1429	316	-1714	-2094	1019	1552	-765	3012	3446	2356
2001-02	2423	428	1125	164	-1388	396	-1762	-2184	293	891	-469	3552	3089	1942
2002-03	1613	-388	456	28	-1559	223	-1515	-1960	547	761	-1546	2467	2928	1804
2003-04	1474	-510	334	-107	-1763	28	-1749	-2181	385	982	-378	3644	3182	2049
2004-05	1929	-54	810	341	-1587	204	-2005	-2461	98	696	-1338	2685	3433	2303
2005-06	1916	-67	820	329	-1572	249	-1840	-2292	230	874	-212	3807	3615	2485
2006-07	2104	121	1033	1303	-624	1233	-893	-1351	1350	1908	-125	3972	4702	3562
2007-08	3108	1125	1938	1474	-437	1417	-784	-1213	1480	2037	951	5087	4876	3748
2008-09	3282	1299	2119	1645	-306	1546	-758	-1229	1472	2031	-3	4134	5179	4049

NOTE: 1. THE FOLLOWING CONTRACTS ARE SHOWN AS POWER SALES THROUGH THE STUDY HORIZON.

- A. BPA TO BURBANK: PS & C/N/X      C. BPA TO PASADENA: PS & C/N/X
- B. BPA TO GLENDALE: PS & C/N/X      D. BPA TO SCE: PS & C/N/X
- 2. BPA TO PSP&L: PS & SPX CONVERTS TO A SEASONAL POWER EXCHANGE OY 2002.
- 3. SCE TO BPA: OPTION ENERGY IS INCLUDED THROUGH OY 2004.
- 4. BPA TO SCE: OPTION CAPACITY IS INCLUDED THROUGH OY 2004.
- 5. THE FOLLOWING CONTRACTS ARE RESOURCE OPTIONS AND NOT INCLUDED THROUGH THE STUDY HORIZON.
  - A. BGP TO BPA: SUPPLEMENTAL ENERGY      B. SCE TO BPA: SUPPLEMENTAL ENERGY

TABLE F-1A: FEDERAL 30-HOUR SUSTAINED PEAKING

BASE CASE: EXISTING FEDERAL CONTRACTS

FEDERAL FIRM 30-HOUR CAPACITY SURPLUS/DEFICIT  
INCLUDING EXTREME WEATHER ADJUSTMENTS DURING NOVEMBER THROUGH FEBRUARY

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PEAK IN MEGAWATTS														
1999-00	2911	1592	1302	296	-470	1636	-930	-1774	950	1682	284	3227	3593	2424
2000-01	2689	1376	2008	1295	-631	1514	-725	-1425	1539	2216	-100	3012	4304	2584
2001-02	2423	1093	1826	828	-567	1589	-753	-1487	813	1555	195	3552	3937	214
2002-03	1613	277	1172	693	-730	1415	-498	-1256	1067	1425	-882	2467	3768	1989
2003-04	1474	154	1057	557	-926	1219	-725	-1467	905	1647	287	3644	4013	2223
2004-05	1929	610	1541	1006	-742	1393	-974	-1742	618	1361	-673	2685	4256	2466
2005-06	1916	598	1558	993	-720	1436	-801	-1564	750	1539	452	3807	4430	2640
2006-07	2104	785	1777	1967	236	2418	152	-615	1870	2573	540	3972	5507	3706
2007-08	3108	1789	2690	2138	430	2601	266	-470	2000	2702	1616	5087	5674	3879
2008-09	3282	1964	2872	2309	564	2729	295	-484	1992	2695	662	4134	5973	4176

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2. BPA TO PSP&L: PS & SPX CONVERTS TO A SEASONAL POWER EXCHANGE OY 2002.

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PEAK IN MEGAWATTS														
1999-00	2832	171	-128	-1124	-2067	-622	-2882	-3263	-325	262	-1136	2482	1422	112
2000-01	2610	-44	579	-126	-2228	-744	-2678	-2914	263	796	-1521	2268	2132	128
2001-02	2376	-328	359	-592	-2196	-662	-2736	-3016	-463	135	-1225	2808	1773	858
2002-03	1573	-1144	-316	-728	-2369	-834	-2493	-2795	-208	5	-2302	1731	1611	718
2003-04	1448	-1266	-441	-863	-2576	-1027	-2730	-3020	-370	226	-1134	2915	1864	96
2004-05	1915	-810	34	-415	-2404	-850	-2990	-3303	-657	-60	-2094	1962	2115	1213
2005-06	1916	-823	42	-427	-2392	-804	-2827	-3137	-525	118	-968	3092	2297	1394
2006-07	2104	-635	252	547	-1446	181	-1883	-2200	595	1152	-881	3265	3383	2470
2007-08	3108	369	1155	718	-1261	366	-1778	-2065	725	1281	195	4388	3556	2653
2008-09	3282	543	1335	889	-1132	495	-1752	-2082	717	1275	-759	3438	3859	2954

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