

Table A1.2-6

LOADS AND RESOURCES SUMMARY

COMBINED ARIZONA AND NEW MEXICO SYSTEMS AS REPORTED TO THE WSCC** (1967 THROUGH 1984)

(All Figures Are In MW Unless Noted Otherwise)

	1967*	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
1.1.1 LOAD CHARACTERISTICS - DEMAND																		
Arizona System Peak Demand	2502	2597	3147	3574	3858	4424	4790	5322	5844	6238	6886	7491	7961	8477	9075	9694	10357	11054
New Mexico System Peak Demand	1056	858	948	999	1082	1178	1325	1390	1531	1643	1780	1967	2107	2270	2399	2571	2762	2961
Combined System Peak Demand (ASPD + NMSPD)	3558	3455	4095	4573	4940	5602	6115	6712	7375	7881	8666	9458	10068	10747	11474	12265	13119	14015
Firm Sales Outside Combined System	190	203	459	895	953	1025	673	1111	1357	1857	1816	1841	1841	1841	1631	1421	1211	1001
Combined System Annual Peak Demand (CSPD + FS)	3748	3658	4554	5468	5893	6627	6788	7823	8732	9738	10482	11299	11909	12588	13105	13686	14330	15016
Firm Purchase Outside Combined System	(602)	(774)	(885)	(768)	(744)	(896)	(705)	(859)	(647)	(602)	(755)	(728)	(838)	(838)	(898)	(823)	(823)	(823)
Combined System Interruptible Demand	11	13	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44
Combined System Adjusted Annual Peak Demand (CSAPD - FP + CSID)	3157	2897	3669	4700	5149	5731	6083	6964	8129	9180	9771	10615	11115	11794	12251	12907	13551	14237
1.1.1 LOAD CHARACTERISTICS - ENERGY																		
Arizona System Annual Energy (GWH)	12299	12992	14813	16839	18353	20726	22607	24449	28128	30586	33875	36941	39157	41750	44396	47260	50116	53363
New Mexico System Annual Energy (GWH)	4284	4735	5203	5576	6002	6614	7468	7427	8436	9118	9864	10915	11695	12596	13061	13972	14962	16031
Combined System Annual Energy (GWH) (ASAE + NMSAE)	16583	17727	20016	22415	24355	27340	30075	31876	36564	39704	43739	47856	50852	54346	57457	61232	65078	69394
Firm Energy Sales Outside Combined System (GWH)	1270	1054	2427	+	+	+	+	+	8602	11964	12746	12956	13000	13036	12299	10994	9119	7502
Firm Energy Purchases Outside Combined System (GWH)	(2812)	(3074)	(3057)	+	+	+	+	+	(3171)	(3373)	(3469)	(4091)	(5072)	(5323)	(5440)	(4800)	(4800)	(4805)
Combined System Interruptible Energy (GWH)	70	79	0	+	+	+	+	+	0	0	0	0	0	0	0	0	0	0
Combined System Annual Energy Require- ment (GWH) (CSAE + FES - FEP + CSIE)	15111	15786	19386						41995	48295	53016	56721	58780	62059	64316	67462	69397	72091
1.1.1 POWER SUPPLY																		
Arizona System Installed Resources		3092	3954	4777	4917	5512	6080	6799	8154	9170	9343	9865	10740	11345	12615	12965	14235	15520
New Mexico System Installed Resources		1008	1010	1005	1005	1164	1305	1484	1700	1698	2020	2486	2556	3022	3022	3202	3158	3158
Combined System Installed Resources (ASIR + NMSIR)		4100	4964	5782	5922	6676	7385	8283	9854	10868	11363	12351	13296	14367	15637	16167	17393	18678
Non-Firm Sales Outside Combined System																		
Non-Firm Purchases Outside Combined System																		
Combined System Maintenance & Forced Outage		(3)	(25)	(0)	(16)	(0)	(195)	(229)	(80)	(0)	(0)	(0)	(0)	(0)	(0)	(79)	(0)	(79)
Combined System Capability (CSIR - NFS + NFP - CSMFO)		4097	4939	5782	5906	6676	7190	8054	9774	10868	11363	12351	13296	14367	15637	16088	17393	18599
1.1.1 CAPACITY REQUIREMENT																		
Reserve		1200	1270	1082	757	945	1107	1090	1645	1688	1592	1736	2181	2573	3386	3181	3842	4362
Percent Margin		41.4	34.6	23.0	14.7	16.5	18.2	15.7	20.2	18.4	16.3	16.4	19.6	21.8	27.6	24.6	28.4	30.6

* The Loads and Resources are Estimated for 1967.
** WSCC Summary of Estimated Loads and Resources - 1968 Report, 1969 Report, 1970 Report, April 1971 Report, April 1972 Report, April 1973 Report, April 1974 Report, April 1975 Report
+ Data Not Available

