

Table 1.2-4  
LOADS AND RESOURCES SUMMARY  
SALT RIVER PROJECT  
1964 through 1986 (Sheet 3 of 7)<sup>†</sup>

	YEARS	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1.1.1 Load Characteristics -Demand (MW)																								
Project Peak Demand		547	609	652	679	762	944	1055	1120	1360	1448	1724	1919	2093	2253	2485	2663	2826	3068	3312	3559	3803	4033	4283
Firm Sales Outside ANPP		0	0	0	0	0	0	0	0	0	0	0	0	5	6	7	8	9	10	10	10	10	10	10
Firm Sales Within ANPP		61	56	38	56	53	55	90	94	111	169	205	216	247	270	236	251	266	281	296	312	327	342	357
Total Firm Sales		61	56	38	56	53	55	90	94	111	169	205	216	252	276	243	259	275	291	306	322	337	352	367
Annual Peak Demand (PPD + TFS)		608	665	690	735	815	999	1145	1214	1471	1617	1929	2135	2345	2529	2728	2922	3101	3359	3618	3881	4140	4385	4650
Firm Purchases Outside ANPP		(89)	(268)	(308)	(397)	(483)	(504)	(527)	(509)	(470)	(533)	(397)	(287)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)
Firm Purchases Within ANPP		(9)	(45)	(45)	(40)	(34)	(29)	(23)	(18)	(12)	(7)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Firm Purchases		(98)	(313)	(353)	(437)	(517)	(533)	(550)	(527)	(482)	(540)	(397)	(287)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)	(212)
Adjusted Annual Peak Demand (APD - TFP)		510	352	337	298	298	466	595	687	989	1077	1532	1848	2133	2317	2516	2710	2889	3147	3406	3669	3928	4173	4438
1.1.1 Load Characteristics - Energy(GWH)																								
Project Annual Energy (GWH)		2777	2849	3102	3313	3518	4364	4936	5419	6119	6957	7981	9153	9722	10360	11472	12151	12796	13678	14564	15447	16246	17086	17990
Firm Energy Sales Outside ANPP(GWH)		0	0	0	0	0	0	0	0	0	0	0	0	13	29	34	39	44	48	48	48	48	48	48
Firm Energy Purchases Outside ANPP(GWH)		(243)	(846)	(1161)	(1330)	(1416)	(1619)	(1690)	(2038)	(1434)	(1735)	(1244)	(1109)	(645)	(645)	(645)	(645)	(645)	(645)	(645)	(645)	(645)	(645)	(645)
Annual Energy Requirements (PAE+FES-FEP)		2534	2003	1941	1983	2102	2745	3246	3381	4685	5222	6737	8044	9090	9744	10861	11545	12195	13081	13967	14850	15649	16489	17393
1.1.2 Power Supply																								
Installed Resources*		607	608	611	610	610	681	758	845	1154	1336	1846	2136	2499	2548	3008	3468	3543	3975	4325	4757	5114	5114	5414
Non-Firm Purchases Outside ANPP		0	0	0	0	0	0	0	80	40	45	115	163	107	244	107	107	107	107	107	0	0	0	0
Non-Firm Purchases Within ANPP		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Non-Firm Purchases		0	0	0	0	0	0	0	80	40	45	115	163	107	244	107	107	107	107	107	0	0	0	0
Non-Firm Sales Outside ANPP		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Firm Sales Within ANPP		62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
Total Non-Firm Sales		62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
Capability (IR+NFP-NFS)		545	546	549	548	548	619	696	863	1132	1319	1899	2237	2544	2730	3053	3513	3588	4020	4370	4695	5052	5052	5352
1.1.3 Capacity Requirement		510	352	337	298	298	466	595	687	989	1077	1532	1848	2133	2317	2516	2710	2889	3147	3406	3669	3928	4173	4438
Reserves (C-AAPD)		35	194	212	250	250	153	101	176	143	242	367	389	411	413	537	803	699	873	964	1026	1124	879	914
Percent Margin (100xR/AAPD)		6.9	55.1	62.9	83.9	83.9	32.8	17.0	25.6	14.5	22.5	24.0	21.0	19.3	17.8	21.3	29.6	24.2	27.7	28.3	28.0	28.6	21.1	20.6

\*The resources in this table #1 were based on the assumption that SRP would serve the City of Mesa load except for Mesa's share of ANPP. If Mesa loads are to be served through APPA resources, SRP will adjust table #1 by reducing installed resources.

+All figures are in MW unless noted otherwise

