

Table 1.2-4  
LOADS AND RESOURCES SUMMARY  
FOR ARIZONA PUBLIC SERVICE COMPANY  
1964 THROUGH 1988 (Sheet 2 of 8)

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
1.1.1 Load Characteristics - Demand																									
Company Peak Demand	775	805	875	888	969	1130	1260	1349	1587	1703	1898	1995	2151	2355	2588	2831	3051	3272	3497	3733	4028	4284	4744	5145	5579
Firm Sales Outside ANPP	100	12	13	12	13	13	13	58	72	88	109	140	208	224	259	268	278	292	306	314	322	325	336	344	352
Firm Sales Within ANPP	0	20	0	0	0	0	0	0	0	20	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
Total Firm Sales	100	32	13	12	13	13	13	58	72	108	134	170	243	259	294	303	313	327	341	349	357	360	371	379	387
Annual Peak Demand (CPD-TFS)	875	837	888	900	982	1143	1273	1407	1659	1811	2032	2165	2394	2614	2882	3134	3364	3599	3838	4082	4385	4644	5115	5524	5966
Firm Purchases Outside ANPP	( 6)	( 3)	( 4)	( 2)	( 1)	( 1)	( 2)	( 2)	( 2)	( 2)	(1.8)	(1.9)	(2.0)	(2.1)	(2.2)	(2.3)	(2.4)	(2.5)	(2.6)	(2.7)	(2.8)	(2.9)	(3.0)	(3.1)	(3.2)
Firm Purchases Within ANPP	( 61)	( 56)	( 38)	( 56)	( 53)	( 55)	( 90)	( 94)	( 111)	( 140)	(169)	(181)	(200)	(218)	(236)	(251)	(266)	(281)	(296)	(312)	(327)	(342)	(357)	(372)	(387)
Total Firm Purchases	( 67)	( 59)	( 42)	( 58)	( 54)	( 56)	( 92)	( 96)	( 113)	( 142)	(171)	(183)	(202)	(220)	(238)	(253)	(268)	(284)	(299)	(315)	(330)	(345)	(360)	(375)	(390)
<sup>1</sup> Adjusted Annual Peak Demand (APD-TFP-ID)	808	778	846	842	928	1087	1181	1311	1546	1669	1861	1982	2192	2394	2644	2881	3096	3315	3539	3767	4055	4299	4755	5149	5576
1.1.1 Load Characteristics - Energy																									
Company Energy (GWH)	4063	4134	4507	4609	4869	5405	5835	6394	7470	8207	8795	9517	10265	11229	12575	13752	14811	16195	17310	18469	19913	21181	23446	25414	27542
Firm Energy Sales Outside ANPP (GWH)	927	276	72	63	73	82	83	358	468	576	702	723	1059	1135	1310	1348	1397	1460	1518	1556	1598	1601	1646	1685	1725
Annual Energy (CE+FES) (GWH)	4990	4510	4579	4672	4942	5487	5918	6752	7938	8783	9497	10240	11324	12364	13885	15100	16208	17655	18828	20025	21511	22782	25092	27099	29267
Firm Energy Purchases Outside ANPP (GWH)	( 32)	( 18)	( 12)	( 7)	( 4)	( 5)	( 5)	( 4)	( 5)	( 5)	(5.7)	(6.0)	(6.3)	(6.6)	(6.9)	(7.2)	(7.5)	(7.8)	(8.3)	(8.6)	(8.9)	(9.2)	(9.5)	(9.9)	(10.3)
Adjusted Annual Energy (AE-FEP) (GWH)	4958	4392	4567	4665	4938	5482	5913	6748	7933	8778	9491	10234	11318	12357	13878	15093	16200	17647	18820	20016	21502	22773	25082	27089	29257
1.1.2 Power Supply																									
Installed Resources					1255	1381	1501	1540	1734	1981	2139	2253	2604	2853	3103	3453	3453	3648	4200	4415	4907	5257	5834	6234	6634
Non-Firm Purchases Outside ANPP					0	0	0	0	175	0	127	100	16	16	16	16	16	16	16	16	101	0	0	0	0
Non-Firm Purchases Within ANPP					62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
Total Non-Firm Purchases					62	62	62	62	237	62	189	162	78	78	78	78	78	78	78	78	163	62	62	62	62
Non-Firm Sales Outside ANPP					( 3)	( 3)	( 3)	( 2)	( 2)	( 2)	(2)	(2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Non-Firm Sales Within ANPP					APS DOES NOT HAVE ANY NON-FIRM SALES WITHIN ANPP																				
Total Non-Firm Sales					( 3)	( 3)	( 3)	( 2)	( 2)	( 2)	(2)	(2)	0	0	0	0	0	0	0	0	0	0	0	0	0
Capability (IR+NFP-NFS)					1314	1440	1560	1600	1969	2041	2326	2413	2682	2931	3181	3531	3531	3726	4278	4493	5070	5319	5896	6296	6696
1.1.3 Capacity Requirement																									
Reserve (C-AAPD)					386	353	379	289	423	372	465	431	490	537	537	650	435	411	739	726	1015	1020	1141	1147	1120
Percent Margin (100xr/AAPD)					41.6	32.5	32.1	22.0	27.4	22.3	25.0	21.7	22.3	22.4	20.3	22.6	14.1	12.4	20.9	19.3	25.0	23.7	24.0	22.3	20.1

<sup>1</sup> Arizona Public Service does not have any interruptible demand

<sup>2</sup> Firm Annual Energy Exchange within ANPP Companies is included as part of Company annual energy

+ All Figures are in MW unless noted otherwise