

Alternative 1

Schedule A

Districts Receiving '87 Allocation	Alternative 1							
Districts Not Receiving '87 Allocation	Schedule A							
Cities/Towns (Own Elec System) Receiving '87 Allocation	Schedule A Capacity (190.869 MW)							
Cities/Towns (Own Elec System) Not Receiving '87 Allocation	Status Quo							
Co-operatives	Formula= Current MW * 1.01 for capacity, MW allocation/190.869 * 613689 for energy							
Other Eligible	Alternative 1 - Schedule A remains status quo. All entities currently receiving Hoover power under the 1987 allocation are allocated the same in 2017 with a 1% capacity increase and a 5% energy decrease. Under the Proposed Alternative, 2 entities fail the Federal Resource Test. They are ED7 and Ocotillo WCD. Alternatives 2 and 3 look at solutions to this issue.							
Cities/Towns (Do Not Own Elec System)	5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	1987 Allocation Schedule A Capacity (MW)	1987 Allocation Schedule A Energy (MWh)	Anticipated 2017 Schedule A Capacity (MW) Allocation	Anticipated 2017 Schedule A Energy (MWh) Allocation	Capacity INC/DEC (MW) From 1987	Energy INC/DEC (MWh) From 1987
Military Installations								
Spreadsheet Description								
Aguila Irrigation District	7.84	7.839	2.450	8,389	2.474	7,955.237	0.024	(433.763)
Avra Valley I&DD	1.82	1.822	0.630	2,168	0.636	2,045.632	0.006	(122.368)
Buckeye WC District	7.95	7.949	2.980	10,201	3.009	9,676.165	0.029	(524.835)
Central Arizona Water Conservation & Drainage District			-	-	-	-	-	-
Chandler Heights ID	1.56	1.190	0.930	3,164	0.939	3,019.743	0.009	(144.257)
Cortaro Marana ID	7.19	7.191	6.440	22,003	6.504	20,910.907	0.064	(1,092.093)
ED 2	63.54	54.154	19.450	66,473	19.642	63,154.587	0.192	(3,318.413)
ED 3 Pinal (inc ED1)	218.05	204.855	15.900	54,351	16.057	51,627.862	0.157	(2,723.138)
ED 4 Pinal	56.02	51.470	19.450	66,473	19.642	63,154.837	0.192	(3,318.163)
ED 5 Pinal	27.31	24.566	14.770	50,476	14.916	47,958.712	0.146	(2,517.288)
ED 6 Pinal (Inc ED5 M)	36.32	29.327	8.360	28,579	8.443	27,145.215	0.083	(1,433.785)
ED 7 Maricopa	12.34	7.873	10.500	35,902	10.604	34,093.871	0.104	(1,808.129)
ED 8 Maricopa	67.47	67.467	13.390	45,749	13.522	43,477.803	0.132	(2,271.197)
Harquahala Valley Power Dist	27.69	27.691	2.490	8,495	2.515	8,085.118	0.025	(409.882)
Maricopa Co. Mun. WCD	23.20	17.856	8.840	30,215	8.927	28,703.792	0.087	(1,511.208)
McMullen Valley WCDD	17.76	17.761	3.800	12,974	3.838	12,338.734	0.038	(635.266)
Ocotillo WCD	2.79	1.712	2.390	8,175	2.414	7,760.414	0.024	(414.586)
Queen Creek ID	11.90	10.146	1.770	6,043	1.788	5,747.253	0.018	(295.747)
Roosevelt ID	17.58	12.701	3.220	11,020	3.252	10,455.454	0.032	(564.546)
Roosevelt WCD	18.40	16.202	6.760	23,106	6.827	21,949.959	0.067	(1,156.041)
Salt River Project	6663.00	6535.519	38.790	132,589	39.174	125,952.500	0.384	(6,636.500)
San Tan ID	2.16	1.338	0.520	1,777	0.525	1,688.458	0.005	(88.542)
Silverbell I&DD	1.26	1.257	0.710	2,417	0.717	2,305.395	0.007	(111.605)
Tonopah Irrigation District	10.08	10.077	1.550	5,297	1.565	5,032.905	0.015	(264.095)
Wellton-Mohawk ID	14.87	11.655	2.910	9,953	2.939	9,448.873	0.029	(504.127)

189.000 645,989 190.869 613,689

2017 Allocation exceeds Federal Resource Test Needs

Alternative 1

Schedule B

Districts Receiving '87 Allocation Districts Not Receiving '87 Allocation Cities/Towns (Own Elec System) Receiving '87 Allocation Cities/Towns (Own Elec System) Not Receiving '87 Allocation Co-operatives Other Eligible Cities/Towns (Do Not Own Elec System) Military Installations								
Spreadsheet Description	Schedule B Capacity (189.860 MW)							
	Status Quo							
	Formula= Current MW * 1.01 for capacity, MW allocation/190.869 * 613689 for energy							
Alternative 1 - Schedule B remains status quo. All entities currently receiving Hoover power under the 1987 allocation are allocated the same in 2017 with a 1% capacity increase and a 5% energy decrease.	5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	1987 Allocation Schedule B Capacity (MW)	1987 Allocation Schedule B Energy (MWh)	Anticipated 2017 Schedule B Capacity (MW) Allocation	Anticipated 2017 Schedule B Energy (MWh) Allocation	Capacity INC/DEC (MW) From 1987	Energy INC/DEC (MWh) From 1987
Aguila Irrigation District	7.839	7.839	3.840	4,327	3.878	4,113.691	0.0380	(213.309)
Avra Valley I&DD			-	-	-	-	-	-
Buckeye WC District			-	-	-	-	-	-
Central Arizona Water Conservation & Drainage District	484.545	484.545	161.600	182,235	163.198	173,117.849	1.5984	(9,117.151)
Chandler Heights ID			-	-	-	-	-	-
Cortaro Marana ID			-	-	-	-	-	-
ED 2			-	-	-	-	-	-
ED 3 Pinal (inc ED1)			-	-	-	-	-	-
ED 4 Pinal			-	-	-	-	-	-
ED 5 Pinal			-	-	-	-	-	-
ED 6 Pinal (Inc ED5 M)			-	-	-	-	-	-
ED 7 Maricopa			-	-	-	-	-	-
ED 8 Maricopa	67.467	67.467	10.810	12,185	10.917	11,580.470	0.1069	(604.530)
Harquahala Valley Power Dist			-	-	-	-	-	-
Maricopa Co. Mun. WCD			-	-	-	-	-	-
McMullen Valley WCDD	17.761	17.761	5.290	5,970	5.342	5,667.039	0.0523	(302.961)
Ocotillo WCD			-	-	-	-	-	-
Queen Creek ID			-	-	-	-	-	-
Roosevelt ID			-	-	-	-	-	-
Roosevelt WCD			-	-	-	-	-	-
Salt River Project			-	-	-	-	-	-
San Tan ID			-	-	-	-	-	-
Silverbell I&DD			-	-	-	-	-	-
Tonopah Irrigation District			-	-	-	-	-	-
Wellton-Mohawk ID			-	-	-	-	-	-
Page - Own System & Operating	26.405	14.468	1.040	1,173	1.050	1,114.225	0.0103	(58.775)
Safford - OSO	19.797	18.656	2.080	2,345	2.101	2,228.250	0.0206	(116.750)
Thatcher - OSO	7.020	5.503	1.050	1,185	1.060	1,124.838	0.0104	(60.162)
Wickenburg - OSO	7.213	5.213	2.290	2,580	2.313	2,453.217	0.0227	(126.783)

188.000 212,000 189.860 201,400

Districts Receiving '87 Allocation	Alternative 1
Districts Not Receiving '87 Allocation	
Cities/Towns (Own Elec System) Receiving '87 Allocation	
Cities/Towns (Own Elec System) Not Receiving '87 Allocation	
Co-operatives	
Other Eligible	
Cities/Towns (Do Not Own Elec System)	
Military Installations	Schedule D2/A

Spreadsheet Description	Schedule D2/A Capacity (8.542 MW)
	New Entities

Alternative 1 - Schedule D2/A lists all entities that are not currently receiving Schedule A or B and have provided data. Districts have first priority. Total district requests are less than the 8.542MW total of Schedule D2/A therefore all districts receive their requested allotment. The remaining entities 5 year average Normalized loads are totaled and the Federal Resources they currently receive are subtracted. Each entities load is equal to a percentage of the total load. This percentage is applied to the remaining D2/A allotment of 4.294MW to determine their allotment. If the allotment is less than the 0.1MW minimum they are moved to Schedule D2/B. The remaining entities in D2/A have the load retotaled, the percentage recalculated and applied to the remaining allotment pool to determine their capacity and energy allotment for 2017.

Formula= 5 Year Load Avg/Total 5 Year Load*8.542 To determine Capacity Allocation (0.1MW Minimum Allocation), Capacity Allocation/8.542 * 20,856.975(MWh) to determine Energy Allocation

5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	% of Total 5 Yr Avg Load	2017 Schedule D1 Capacity Allocation (MW)	2017 Schedule D1 Energy Allocation (MWh)	Anticipated 2017 Schedule D2/A Capacity (MW)	Anticipated 2017 Schedule D2/A Energy (MWh)	
Hohokam IDD	1.500	0.500			0.500	1,220.848	
Markham Irrigation District	0.220	0.220			0.220	537.173	
Franklin Irrigation District	0.567	0.567			0.567	1,384.442	
Silver Creek Irrigation District	0.468	0.468			0.468	1,142.714	
Gila Valley Irrigation District	2.493	2.493			2.493	6,087.150	
Fredonia OSO							
Mesa (inc AzPPA share)	83.110	68.419	10.02%		0.430	1,051.036	
Williams							
Avra Water Cooperative							
Duncan Valley EC							
Graham County EC	43.543	43.231	5.25%	0.312	681.163	0.226	550.662
Mohave EC	199.257	198.112	24.03%	1.145	2,499.781	1.032	2,519.864
Navopache EC	80.339	72.451	9.69%	0.888	1,938.695	0.416	1,015.993
Sulphur Springs EC	199.243	196.512	24.03%	2.731	5,962.361	1.032	2,519.687
TRICO EC	168.878	165.878	20.37%	3.000	6,549.646	0.875	2,135.691
Chandler - City							
Gilbert							
Glendale - City							
Peoria - Town							
Scottsdale - City	34.697	32.331	4.19%	2.366	5,165.487	0.180	438.787
Tempe - City							
Tucson - City	20.000	18.752	2.41%	1.248	2,724.653	0.104	252.927
Oro Valley - Town							
Page Water Utility							
Hualapai Tribe							
Metropolitan Domestic Water ID							

829.067	795.686	1.000	11.690	25,521.786	8.542	20,856.975
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Alternative 1

Schedule D2/B

Districts Receiving '87 Allocation	<div style="text-align: center;"> <h1>Alternative 1</h1> <h2>Schedule D2/B</h2> </div>						
Districts Not Receiving '87 Allocation							
Cities/Towns (Own Elec System) Receiving '87 Allocation							
Cities/Towns (Own Elec System) Not Receiving '87 Allocation							
Co-operatives							
Other Eligible							
Cities/Towns (Do Not Own Elec System)							
Military Installations							
Spreadsheet Description	Schedule D2/B Capacity (2.968 MW)						
<p>Alternative 1 - Schedule D2/B lists all entities that are not currently receiving Schedule A, B, or D2/A and have provided data. The entities 5 year average Normalized loads are totaled and the Federal Resources they currently receive are subtracted. Each entities load is equal to a percentage of the total load. This percentage is applied to the D2/B allotment of 2.968MW to determine their 2017 allotment. Entities not meeting the 0.1MW minimum allotment are highlighted in yellow. Their individual allotment will need to be adjusted.</p>	New Entities						
	<p>Formula= 5 Year Load Avg/Total 5 Year Load*2.968 To determine Capacity Allocation (0.1MW Minimum Allocation), Capacity Allocation/2.968 * 4,256.025 to determine Energy Allocation</p>						
	5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	% of Total 5 Yr Avg Load	2017 Schedule D1 Capacity Allocation (MW)	2017 Schedule D1 Energy Allocation (MWh)	Anticipated 2017 Schedule D2/B Capacity (MW)	Anticipated 2017 Schedule D2/B Energy (MWh)
Hohokam IDD							
Markham Irrigation District							
Franklin Irrigation District							
Silver Creek Irrigation District							
Gila Valley Irrigation District							
Fredonia OSO	2.684	0.684	3.80%		0.113	161.572	
Mesa (inc AzPPA share)							
Williams	8.169	7.169	11.55%		0.343	491.771	
Avra Water Cooperative	0.563	0.563	0.80%		0.024	33.916	
Duncan Valley EC	7.354	7.354	10.40%		0.309	442.722	
Graham County EC							
Mohave EC							
Navopache EC							
Sulphur Springs EC							
TRICO EC							
Chandler - City	13.478	12.802	19.06%	0.676	1,475.854	0.566	811.351
Gilbert	3.470	2.470	4.91%			0.146	208.888
Glendale - City	8.726	8.300	12.34%	0.426	930.050	0.366	525.290
Peoria - Town	13.266	12.575	18.76%	0.691	1,508.602	0.557	798.589
Scottsdale - City							
Tempe - City	5.943	5.702	8.41%	0.241	526.155	0.249	357.770
Tucson - City		-					
Oro Valley - Town	2.796	2.796	3.95%			0.117	168.302
Page Water Utility	0.750	0.750	1.06%			0.031	45.161
Hualapai Tribe	3.000	1.994	4.24%	0.381	831.805	0.126	180.595
Metropolitan Domestic Water ID	0.500	0.321	0.71%	0.179	390.796	0.021	30.099
	70.700	63.481	1.000	2.594	5,663.262	2.968	4,256.025