

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

Alternative 1

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	8.60%		0.369	901.548	
Williams							
Avra Water Cooperative							
Duncan Valley EC							
Graham County EC	43.543	43.231	5.43%	0.312	681.163	0.233	569.652
Mohave EC	199.257	198.112	24.90%	1.145	2,499.781	1.069	2,610.491
Navopache EC	80.339	72.451	9.11%	0.888	1,938.695	0.391	954.677
Sulphur Springs EC	199.243	196.512	24.70%	2.731	5,962.361	1.060	2,589.408
TRICO EC	168.878	165.878	20.85%	3.000	6,549.646	0.895	2,185.758
Chandler - City							
Gilbert							
Glendale - City							
Peoria - Town							
Scottsdale - City	34.697	32.331	4.06%	2.366	5,165.487	0.174	426.019
Tempe - City							
Tucson - City	20.000	18.752	2.36%	1.248	2,724.653	0.101	247.093
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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Districts Receiving '87 Allocation	<h1 style="text-align: center;">Alternative 1</h1> <h2 style="text-align: center;">Schedule D2/B</h2>						
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						
	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						
	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	1.08%		0.032	45.858	
Mesa (inc AzPPA share)							
Williams	8.169	7.169	11.29%		0.335	480.651	
Avra Water Cooperative	0.563	0.563	0.89%		0.026	37.773	
Duncan Valley EC	7.354	7.354	11.59%		0.344	493.067	
Graham County EC							
Mohave EC							
Navopache EC							
Sulphur Springs EC							
TRICO EC							
Chandler - City	13.478	12.802	20.17%	0.676	1,475.854	0.599	858.296
Gilbert	3.470	2.470	3.89%			0.115	165.598
Glendale - City	8.726	8.300	13.07%	0.426	930.050	0.388	556.464
Peoria - Town	13.266	12.575	19.81%	0.691	1,508.602	0.588	843.077
Scottsdale - City							
Tempe - City	5.943	5.702	8.98%	0.241	526.155	0.267	382.298
Tucson - City		-					
Oro Valley - Town	2.796	2.796	4.40%			0.131	187.441
Page Water Utility	0.750	0.750	1.18%			0.035	50.296
Hualapai Tribe	3.000	1.994	3.14%	0.381	831.805	0.093	133.685
Metropolitan Domestic Water ID	0.500	0.321	0.51%	0.179	390.796	0.015	21.521
	70.700	63.481	1.000	2.594	5,663.262	2.968	4,256.025

Does Not meet 0.1MW minimum allocation

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Co-operatives
Other Eligible
Cities/Towns (Do Not Own Elec System)
Military Installations

Alternative 2

Schedule D2/A

Spreadsheet Description	Schedule D2/A Capacity (8.542 MW)						
<p>Alternative 2 - 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.</p>	New Entities						
	Formula= 5 Year Load Avg/Total 5 Year Load*8.542 To determine Capacity Allocation (0.1MW Minimum 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	8.60%		0.369	901.548	
Williams							
Avra Water Cooperative							
Duncan Valley EC							
Graham County EC	43.543	43.231	5.43%	0.312	681.163	0.233 569.652	
Mohave EC	199.257	198.112	24.90%	1.145	2,499.781	1.069 2,610.491	
Navopache EC	80.339	72.451	9.11%	0.888	1,938.695	0.391 954.677	
Sulphur Springs EC	199.243	196.512	24.70%	2.731	5,962.361	1.060 2,589.408	
TRICO EC	168.878	165.878	20.85%	3.000	6,549.646	0.895 2,185.758	
Chandler - City							
Gilbert							
Glendale - City							
Peoria - Town							
Scottsdale - City	34.697	32.331	4.06%	2.366	5,165.487	0.174 426.019	
Tempe - City							
Tucson - City	20.000	18.752	2.36%	1.248	2,724.653	0.101 247.093	
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

Alternative 2

Schedule D2/B

Districts Receiving '87 Allocation	Alternative 2						
Districts Not Receiving '87 Allocation	Schedule D2/B						
Cities/Towns (Own Elec System) Receiving '87 Allocation	Schedule D2/B Capacity (2.968 MW)						
Cities/Towns (Own Elec System) Not Receiving '87 Allocation	New Entities						
Co-operatives	Formula= 5 Year Load Avg/Total 5 Year Load*2.968 To determine Capacity Allocation (0.1MW Minimum)						
Other Eligible	Alternative 2 - 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. 5 Entities did not meet the 0.1MW minimum allotment. 6 of the remaining entities were decreased by 0.049MW and this amount was used to correct this issue.						
Cities/Towns (Do Not Own Elec System)	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)
Military Installations							
Hohokam IDD							
Markham Irrigation District							
Franklin Irrigation District							
Silver Creek Irrigation District							
Gila Valley Irrigation District							
Fredonia OSO	2.684	0.684	1.08%			0.100	143.397
Mesa (inc AzPPA share)							
Williams	8.169	7.169	11.29%			0.285	409.239
Avra Water Cooperative	0.563	0.563	0.89%			0.100	143.397
Duncan Valley EC	7.354	7.354	11.59%			0.294	421.656
Graham County EC							
Mohave EC							
Navopache EC							
Sulphur Springs EC							
TRICO EC							
Chandler - City	13.478	12.802	20.17%	0.676	1,475.854	0.549	786.619
Gilbert	3.470	2.470	3.89%			0.115	165.598
Glendale - City	8.726	8.300	13.07%	0.426	930.050	0.338	485.052
Peoria - Town	13.266	12.575	19.81%	0.691	1,508.602	0.538	771.400
Scottsdale - City							
Tempe - City	5.943	5.702	8.98%	0.241	526.155	0.218	312.033
Tucson - City		-					
Oro Valley - Town	2.796	2.796	4.40%			0.131	187.441
Page Water Utility	0.750	0.750	1.18%			0.100	143.397
Hualapai Tribe	3.000	1.994	3.14%	0.381	831.805	0.100	143.397
Metropolitan Domestic Water ID	0.500	0.321	0.51%	0.179	390.796	0.100	143.397
	70.700	63.481	1.000	2.594	5,663.262	2.968	4,256.025

Alternative 3

Schedule D2/A

Districts Receiving '87 Allocation	<h1>Alternative 3</h1> <h2>Schedule D2/A</h2>
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/A Capacity (8.542 MW)
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Alternative 3 - Schedule D2/A lists all entities that are not currently receiving or scheduled to receive Schedule A or B and have provided data. Districts have first priority but all new Districts have been moved into Schedule A. The remaining entities 5 year average needs (loads + pumping equivalent - Federal resources other than Hoover) are totaled. Each entities need is equal to a percentage of the total need. This percentage is applied to the D2/A allotment of 8.542MW 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 need retotaled, the percentage recalculated and applied to the allotment pool to determine their capacity and energy allotment for 2017.

New Entities

Formula= 5 Year Load Avg. + 5 Year Pumping Equivalent Avg. - Federal Resources other than Hoover/ Total Need *
Available Capacity = 2017 Capacity Allocation (* Available Energy = 2017 Energy Allocation)

	5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	% of Total 5 Yr Avg Need	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)
Fredonia OSO							
Mesa (inc AzPPA share)	83.110	68.419	8.18%			0.699	1,705.988
Williams							
Avra Water Cooperative							
Duncan Valley EC							
Graham County EC	43.543	43.231	5.17%	0.312	681.163	0.441	1,077.945
Mohave EC	199.257	198.112	23.68%	1.145	2,499.781	2.023	4,939.798
Navopache EC	80.339	72.451	8.66%	0.888	1,938.695	0.740	1,806.524
Sulphur Springs EC	199.243	196.512	23.49%	2.731	5,962.361	2.007	4,899.903
TRICO EC	168.878	165.878	19.83%	3.000	6,549.646	1.694	4,136.082
Chandler - City	13.478	12.802	1.53%	0.676	1,475.854	0.131	319.210
Gilbert							
Glendale - City	14.996	14.570	1.74%	0.426	930.050	0.149	363.294
Peoria - Town	14.107	13.416	1.60%	0.691	1,508.602	0.137	334.512
Scottsdale - City	34.697	32.331	3.87%	2.366	5,165.487	0.330	806.150
Tempe - City							
Tucson - City	20.000	18.752	2.24%	1.248	2,724.653	0.191	467.570
Oro Valley - Town							
Page Water Utility							
Hualapai Tribe							
Metropolitan Domestic Water ID							

871.647 836.473 1.000 13.483 29,436.292 8.542 20,856.975

Alternative 3

Schedule D2/B

Districts Receiving '87 Allocation	<h1>Alternative 3</h1> <h2>Schedule D2/B</h2>
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)
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Alternative 3 - 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 needs (Loads + pumping equivalent - Federal resources other than Hoover) are totaled. Each entities need is equal to a percentage of the total need. This percentage is applied to the D2/B allotment of 2.968MW to determine their 2017 allotment. 4 entities did not meet the 0.1MW minimum allotment, Fredonia, Page Water Utility, Avra Water Co-op, and Metropolitan DWID. Each of the remaining 6 entities were reduced by .028 MW and the resulting pool was used to bring Fredonia, Page Water Utility, Avra, and Metropolitan up to 0.1MW.

New Entities

Formula= 5 Year Avg Norm Loads - Fed Resources other than Hoover = Max Hoover Allocation. % of Total 5 Yr Avg Norm Load * Avail Capacity = 2017 Allocation (* Avail Energy = 2017 Allocation)

	5 Yr Avg Normalized Load (MW)	Federal Resource Test Needs (MW) 2017 Maximum Allocation	% of Total 5 Yr Avg Normalized 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)
Fredonia OSO	2.684	0.684	2.29%			0.100	143.397
Mesa (inc AzPPA share)							
Williams	8.169	7.169	24.05%			0.686	983.464
Avra Water Cooperative	0.563	0.563	1.89%			0.100	143.397
Duncan Valley EC	7.354	7.354	24.68%			0.704	1,009.184
Graham County EC							
Mohave EC							
Navopache EC							
Sulphur Springs EC							
TRICO EC							
Chandler - City							
Gilbert	3.470	2.470	8.29%			0.218	312.420
Glendale - City							
Peoria - Town							
Scottsdale - City							
Tempe - City	5.943	5.702	19.13%	0.241	526.155	0.540	773.977
Tucson - City							
Oro Valley - Town	2.796	2.796	9.38%			0.250	358.944
Page Water Utility	0.750	0.750	2.52%			0.100	143.397
Hualapai Tribe	3.000	1.994	6.69%	0.381	831.805	0.170	244.448
Metropolitan Domestic Water ID	0.500	0.321	1.08%	0.179	390.796	0.100	143.397

35.230 29.804 1.000 0.801 1,748.756 2.968 4,256.025