

Arizona Power Authority

- Body corporate and politic established by the State of Arizona in 1944
- Created to acquire and market Hoover power and other renewable resources
- 5 Commissioners appointed by the Governor to serve 6-year non-concurrent terms
- Seasoned Board of Commissioners with extensive experience in Arizona power, water and agricultural issues



- Executive Director with federal, state, municipal, co-operative and investor owned utility experience, 12 years with Authority
- Deputy Director with more than 30 years of utilities experience in planning, operations and management.
- No action other than Commission approval required for rate adjustments
- Consistent delivery of low cost hydro power to customers
- Regular monthly and special meetings for any necessary action, including rate increases

Authority Power Customers

- **Hoover power provided to 29 power customers located throughout Arizona**
 - Electrical Districts
 - Irrigation Districts
 - Water Conservation Districts
 - Power and Water Districts
 - Municipalities
- **Hoover Capacity and Energy allocated to customers pursuant to 30-year take if delivered contracts terminating in 2017**
- **Central Arizona Water Conservation District – Largest APA Customer**
 - Responsible for management of state’s CAP water resources
 - Hoover is lowest cost pumping energy resource
 - Accounts for 30% of APA’s customer sales revenue
- **Salt River Project -2nd Largest Customer**
 - Provides scheduling services for Authority and customers
 - Seasonal power banking arrangements
 - Low cost supplemental power resource
 - Accounts for 13.3% of APA’s customer sales revenue
- **Contractor Power Management Programs**
 - Power banking
 - Monthly resource planning
 - Resource exchange/pooling
 - Supplemental power purchase on behalf of customers

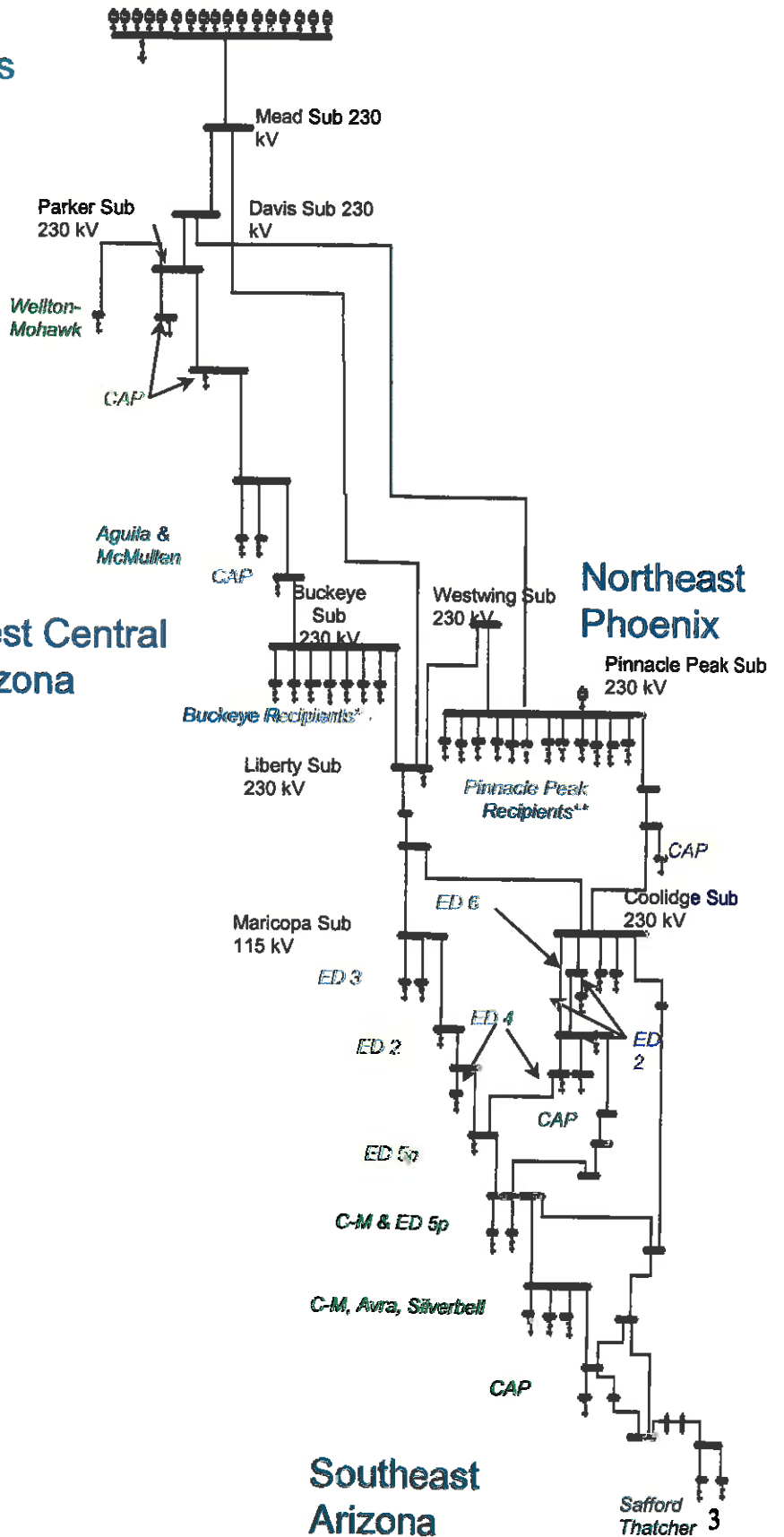


Hoover
Generators

**APA Customer
Delivery Points
&
Contract
Transmission
System**

West Central
Arizona

Northeast
Phoenix



***Buckeye Recipients:**

Buckeye WCD, ED 7, ED 8, Harquahala PD, Maricopa WCD, Roosevelt ID, Tonopah ID

****Pinnacle Peak (PPK) Recipients:**

CAP, ED 5 Maricopa, Chandler Heights ID, ED 6, RID, OWCD, Page, QCID, RWCD, SRP, STID, Wickenburg

Southeast
Arizona

Safford
Thatcher
3

**ALLOCATION OF HOOVER POWER TO
ARIZONA POWER AUTHORITY CUSTOMERS**

Company	Total kW @ Gen.	Allocation %
Aguila I.D.	6,290	1.6684%
Avra Valley I.& D.D.	630	0.1671%
Buckeye W.C.D.	2,980	0.7905%
C.A.W.C.D.	161,600	42.8647%
Chandler Heights C.I.D.	930	0.2467%
Cortaro-Marana I.D.	6,440	1.7082%
E D #2, Pinal	19,450	5.1592%
E D #3, Pinal	15,900	4.2175%
E D #4, Pinal	19,450	5.1592%
E D #5, Pinal	14,770	3.9178%
E D #6, Pinal	8,360	2.2175%
E D #7, Maricopa	10,500	2.7851%
E D #8, Maricopa	24,200	6.4191%
Harquahala P.D.	2,490	0.6605%
Maricopa W.D.	8,840	2.3448%
McMullen Valley W.C.&D.D.	9,090	2.4111%
Ocotillo W.C.D.	2,390	0.6340%
Page	1,040	0.2759%
Queen Creek I.D.	1,770	0.4695%
Roosevelt I.D.	3,220	0.8541%
Roosevelt W.C.D.	6,760	1.7931%
Safford	2,080	0.5517%
Salt River Project	38,790	10.2891%
San Tan I.D.	520	0.1379%
Silverbell I.D.	710	0.1883%
Thatcher	1,050	0.2785%
Tonopah I.D.	1,550	0.4111%
Wellton-Mohawk I.D.	2,910	0.7719%
Wickenburg	<u>2,290</u>	<u>0.6074%</u>
Total	377,000	100.0000%

Hoover Post 2017 Allocation of Capacity and Energy

HOOVER 2017 ALLOCATION

HOOVER 1987 ALLOCATION

Schedule A

Contractor	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy
	(kW)	(MWh)	(Percent)	(Percent)	(kW)	(MWh)	(Percent)	(Percent)
MWD	249,948	1,227,375	12.051%	27.112%	247,500	1,291,974	12.686%	28.539%
City of Los Angeles	495,732	663,283	23.902%	14.652%	490,875	698,193	25.160%	15.423%
SCB	280,245	238,160	13.512%	5.261%	277,500	250,694	14.223%	5.538%
City of Glendale	18,178	64,325	0.876%	1.421%	18,000	67,711	0.923%	1.496%
City of Pasadena	11,108	55,175	0.536%	1.219%	11,000	58,079	0.564%	1.283%
City of Burbank	5,176	20,100	0.250%	0.444%	5,125	21,158	0.263%	0.467%
APA	190,869	613,689	9.203%	13.556%	189,000	645,989	9.687%	14.270%
CRC of Nevada	190,869	613,689	9.203%	13.556%	189,000	645,989	9.687%	14.270%
Boulder City	20,198	76,000	0.974%	1.679%	20,000	80,000	1.025%	1.767%
Subtotal Schedule A	1,462,323	3,571,796	70.507%	78.900%	1,448,000	3,759,787	74.218%	83.052%

Schedule B

Contractor	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy
	(kW)	(MWh)	(Percent)	(Percent)	(kW)	(MWh)	(Percent)	(Percent)
City of Glendale	2,020	3,943	0.097%	0.087%	2,000	4,151	0.103%	0.092%
City of Pasadena	9,089	3,440	0.438%	0.076%	9,000	3,621	0.461%	0.080%
City of Burbank	15,149	5,170	0.730%	0.114%	15,000	5,442	0.769%	0.120%
City of Anaheim	40,396	49,400	1.948%	1.091%	40,000	52,000	2.050%	1.149%
City of Azusa	4,039	4,750	0.195%	0.105%	4,000	5,000	0.205%	0.110%
City of Banning	2,020	1,900	0.097%	0.042%	2,000	2,000	0.103%	0.044%
City of Colton	3,030	3,800	0.146%	0.084%	3,000	4,000	0.154%	0.088%
City of Riverside	30,296	37,050	1.461%	0.818%	30,000	39,000	1.538%	0.861%
City of Vernon	22,218	26,600	1.071%	0.588%	22,000	28,000	1.128%	0.619%
Arizona	189,860	201,400	9.154%	4.449%	188,000	212,000	9.636%	4.683%
Nevada	189,860	391,400	9.154%	8.646%	188,000	412,000	9.636%	9.101%
Subtotal Schedule B	507,977	728,853	24.493%	16.100%	503,000	767,214	25.782%	16.948%
Subtotal Schedules A and B	1,970,300	4,300,649	95.000%	95.000%	1,951,000	4,527,001	100.000%	100.000%

Schedule D

New Entities	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy	Contingent Capacity	Firm Energy
	(kW)	(MWh)	(Percent)	(Percent)	(kW)	(MWh)	(Percent)	(Percent)
Allocated by the Secretary of Energy	69,170	151,013	3.335%	3.336%				
Allocated by States								
Arizona	11,510	25,113	0.555%	0.555%				
California	11,510	25,113	0.555%	0.555%				
Nevada	11,510	25,113	0.555%	0.555%				
	103,700	226,352	5.000%	5.000%				

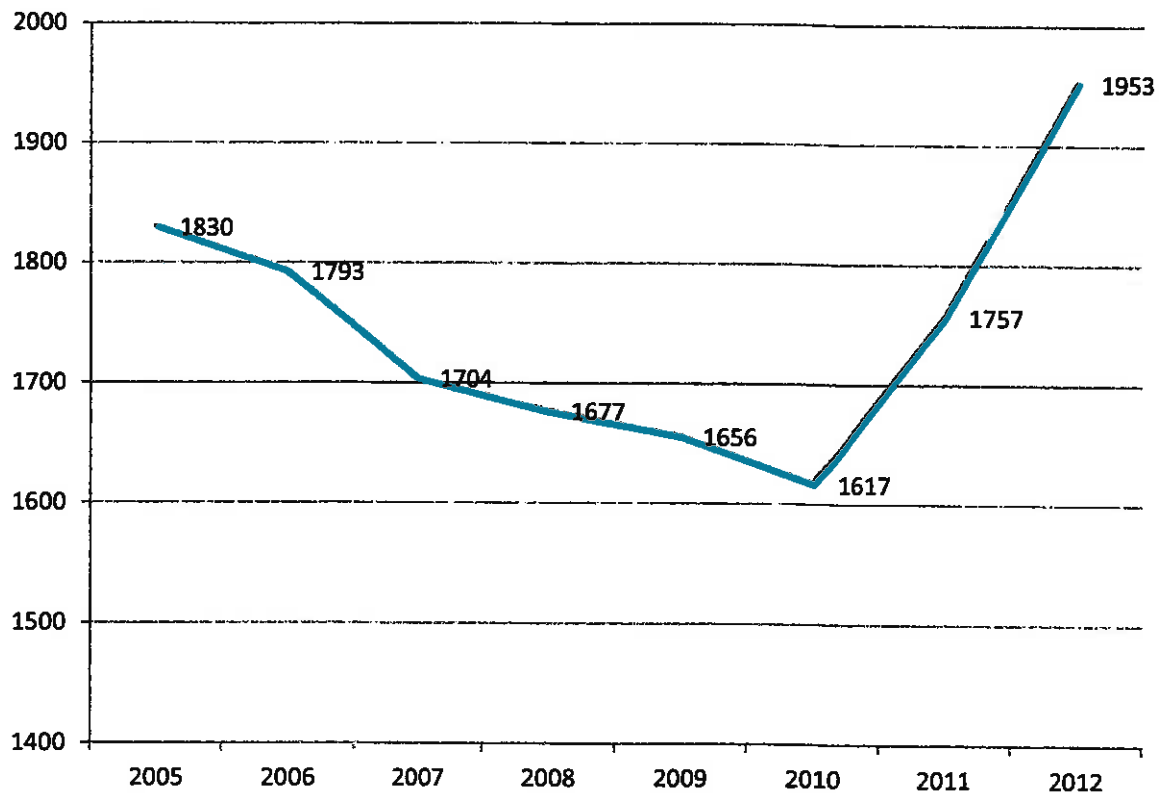
Total Allocation to the States

	(kW)	(MWh)	(Percent)	(Percent)	(kW)	(MWh)	(Percent)	(Percent)
Arizona	392,239	840,202	18.912%	18.560%	377,000	857,989	19.323%	18.953%
California	1,200,154	2,429,584	57.867%	53.669%	1,177,000	2,531,023	60.328%	55.909%
Nevada	412,437	1,106,202	19.886%	24.436%	397,000	1,137,989	20.349%	25.138%
	2,004,830	4,375,988	96.665%	96.664%	1,951,000	4,527,001	100.000%	100.000%

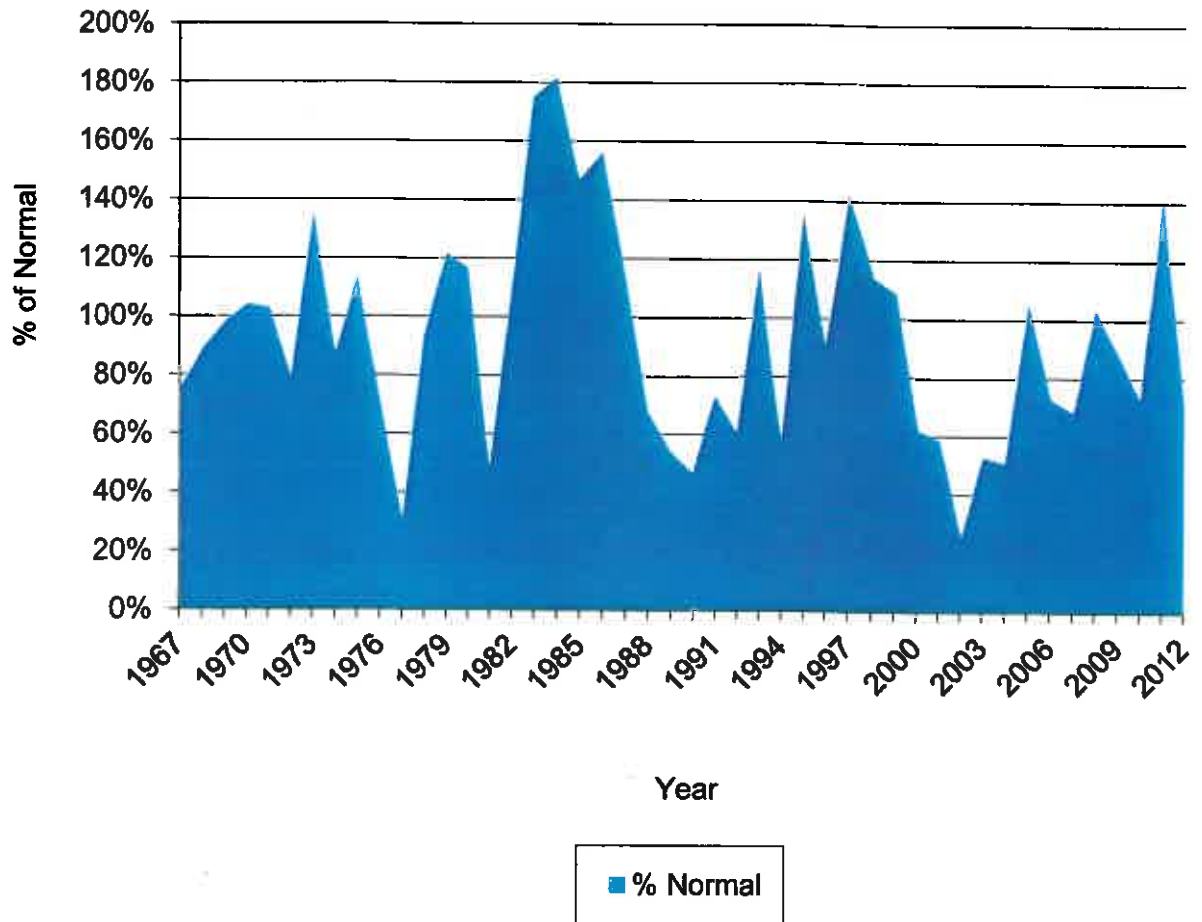
Total	2,074,000	4,527,001	100.000%	100.000%	1,951,000	4,527,001	100.000%	100.000%
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(Including New Entities)

Hoover Capacity With Improvements



Upper Colorado River Annual Unregulated Inflow



COMMISSION

*John I. Hudson
Chairman*

*Stephen M. Brophy
Vice Chairman*

*Joe A. Albo
Dalton H. Cole
Richard S. Walden*



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