

SCHEDULE A, SCHEDULE B, AND SCHEDULE D
FIRM ENERGY ALLOCATIONS

1. Schedule A Firm Energy is documented below.

<u>Contractor</u>	Firm Energy (Thousands of kWh)		<u>Total</u>
	<u>Summer</u>	<u>Winter</u>	
Metropolitan Water District of Southern California	859,163	368,212	1,227,375
City of Los Angeles	464,108	199,175	663,283
Southern California Edison Company	166,712	71,448	238,160
City of Glendale	45,028	19,297	64,325
City of Pasadena	38,622	16,553	55,175
City of Burbank	14,070	6,030	20,100
Arizona Power Authority	429,582	184,107	613,689
Colorado River Commission of Nevada	429,582	184,107	613,689
United States, for Boulder City	<u>53,200</u>	<u>22,800</u>	<u>76,000</u>
Totals	<u>2,500,067</u>	<u>1,071,729</u>	<u>3,571,796</u>

2. Schedule B Firm Energy is documented below.

<u>Contractor</u>	<u>Firm Energy (Thousands of kWh)</u>		
	<u>Summer</u>	<u>Winter</u>	<u>Total</u>
<u>Arizona:</u>			
Arizona Power Authority (APA)	140,600	60,800	201,400
<u>Nevada:</u>			
Colorado River Commission (CRC)	<u>273,600</u>	<u>117,800</u>	<u>391,400</u>
APA and CRC Subtotals	<u>414,200</u>	<u>178,600</u>	<u>592,800</u>
<u>California:</u>			
City of Anaheim	34,442	14,958	49,400
City of Azusa	3,312	1,438	4,750
City of Banning	1,324	576	1,900
City of Burbank	3,604	1,566	5,170
City of Colton	2,650	1,150	3,800
City of Glendale	2,749	1,194	3,943
City of Pasadena	2,399	1,041	3,440
City of Riverside	25,831	11,219	37,050
City of Vernon	<u>18,546</u>	<u>8,054</u>	<u>26,600</u>
California Subtotals	<u>94,857</u>	<u>41,196</u>	<u>136,053</u>
Schedule B, Firm Energy Totals	<u>509,057</u>	<u>219,796</u>	<u>728,853</u>

3. Schedule D Firm Energy is documented below.

<u>Contractor</u>	Firm Energy (Thousands of kWh)		
	Summer	Winter	Total
<u>Arizona:</u>			
Arizona Power Authority (APA)	17,580	7,533	25,113
City of Chandler AZ Municipal Utilities Department	1,032	444	1,476
City of Flagstaff	307	132	439
City of Glendale	651	279	930
City of Globe	176	75	251
City of Payson	182	78	260
City of Peoria	1,055	453	1,508
City of Phoenix	4,582	1,968	6,550
City of Scottsdale	3,613	1,552	5,165
City of Tempe AZ Public Works Department	368	158	526
City of Tucson AZ Water Department	1,906	819	2,725
Graham County Electric Cooperative, Inc.	476	205	681
Metropolitan Domestic Water Improvement District	273	117	390
Mohave Electric Cooperative, Inc.	1,749	751	2,500

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Contractor	Firm Energy (Thousands of kWh)		Total
	Summer	Winter	
Arizona:			
Navopache Electric Cooperative, Inc.	1,356	583	1,939
Northern Arizona Irrigation District Power Pool	376	161	537
Sulpher Springs Valley Electric Cooperative, Inc.	4,171	1,792	5,962
Trico Electric Cooperative, Inc.	<u>4,582</u>	<u>1,968</u>	<u>6,550</u>
APA Subtotals	<u>44,434</u>	<u>19,068</u>	<u>63,502</u>
Arizona Tribes:			
Fort McDowell Yavapai Nation	516	222	738
Gila River Indian Community	4,582	1,968	6,550
Hualapai Indian Tribe	582	250	832
Kaibab Band of Paiute Indians	189	81	270
Navajo Tribal Utility Authority	4,582	1,968	6,550
Pascua Yaqui Tribe	667	287	954
Salt River Pima-Maricopa Indian Community	4,582	1,968	6,550
Tohono O’odham Nation	4,137	1,777	5,914
Tonto Apache Tribe	<u>382</u>	<u>164</u>	<u>546</u>
Arizona Tribes Subtotals	<u>20,219</u>	<u>8,685</u>	<u>28,904</u>
APA and Arizona Tribes Subtotal	<u>64,653</u>	<u>27,753</u>	<u>92,405</u>
Nevada:			
Colorado River Commission (CRC)	17,580	7,533	25,113
City of Henderson	1,384	594	1,978

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<u>Contractor (cont.)</u>	Firm Energy (Thousands of kWh)		<u>Total</u>
	<u>Summer</u>	<u>Winter</u>	
City of Las Vegas	1,610	692	2,301
City of North Las Vegas	1,165	501	1,666
Clark County School District	4,582	1,968	6,550
Clark County Water Reclamation District	1,038	446	1,485
College of Southern Nevada	429	184	613
Las Vegas Valley Water District	4,582	1,968	6,550
State of Nevada Department of Administration	166	72	238
State of Nevada Department of Corrections	429	184	613
State of Nevada Department of Transportation	177	76	253
University of Nevada, Las Vegas	<u>466</u>	<u>200</u>	<u>666</u>
CRC Subtotals	33,608	14,418	48,026
<u>Nevada Tribes:</u>			
Las Vegas Paiute Tribe	<u>1,051</u>	<u>451</u>	<u>1,502</u>
Nevada Tribes Subtotals	1,051	451	1,502
CRC and Nevada Tribes Subtotals	34,659	14,869	49,528

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<u>Contractor (cont.)</u>	Firm Energy (Thousands of kWh)		
	Summer	Winter	Total
<u>California:</u>			
Anza Electric Cooperative, Inc.	2,438	1,045	3,482
California Department of Water Resources	4,581	1,968	6,550
City of Cerritos	4,582	1,965	6,547
City of Corona	4,564	1,956	6,519
City of Rancho Cucamonga	4,582	1,965	6,547
City of Victorville	4,009	1,719	5,728
Imperial Irrigation District	4,582	1,968	6,550
San Diego County Water Authority	<u>2,473</u>	<u>1,060</u>	<u>3,533</u>
California Subtotals	31,811	13,646	45,456
<u>California Tribes:</u>			
Agua Caliente Band of Cahuilla Indians	2,213	951	3,163
Augustine Band of Cahuilla Indians	731	314	1,046
Bishop Paiute Tribe	580	249	830
Cabazon Band of Mission Indians	1,532	658	2,190
Chemehuevi Indian Tribe	2,133	917	3,050
Morongo Band of Mission Indians	1,677	720	2,397
Pechanga Band of Luiseno Mission Indians	3,054	1,312	4,366

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Contractor (cont.)	Firm Energy (Thousands of kWh)		Total
	Summer	Winter	
San Luis Rey River Indian Water Authority	4,582	1,968	6,550
San Manuel Band of Mission Indians	3,900	1,675	5,575
Timbisha Shoshone Tribe	182	78	260
Torres Martinez Desert Cahuilla Indians	2,534	1,088	3,622
Twenty-Nine Palms Band of Mission Indians	2,016	866	2,882
Viejas Band of Kumeyaay Indians	<u>2,120</u>	<u>911</u>	<u>3,031</u>
California Tribes Subtotals	<u>27,255</u>	<u>11,707</u>	<u>38,962</u>
California and California Tribes Subtotals	<u>59,065</u>	<u>25,353</u>	<u>84,418</u>
Schedule D, Firm Energy Totals	<u>158,377</u>	<u>67,975</u>	<u>226,352</u>

4. Schedule A, B, and D, Total Firm Energy is documented below.

<u>Contractor</u>	<u>Firm Energy</u>	
	<u>Thousands of kWh</u>	<u>Percent¹</u>
Arizona:		
Arizona Power Authority (APA)	<u>878,592</u>	<u>19.4078</u>
APA Subtotals	<u>878,592</u>	<u>19.4078</u>
Arizona Tribes:		
Fort McDowell Yavapai Nation	738	0.0163
Gila River Indian Community	6,550	0.1447
Hualapai Indian Tribe	832	0.0184
Kaibab Band of Paiute Indians	271	0.0060
Navajo Tribal Utility Authority	6,550	0.1447
Pascua Yaqui Tribe	954	0.0211
Salt River Pima-Maricopa Indian Community	6,550	0.1447
Tohono O'odham Nation	5,914	0.1306
Tonto Apache Tribe	<u>546</u>	<u>0.0120</u>
Tribes Subtotals	<u>28,904</u>	<u>0.6385</u>
APA and Tribes Subtotals, Arizona	<u>907,495</u>	<u>20.0463</u>

¹ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

<u>Contractor</u>	<u>Firm Energy</u>	
	Thousands of kWh	Percent ²
<u>Nevada:</u>		
Colorado River Commission (CRC)	<u>1,053,115</u>	<u>23.2630</u>
CRC Subtotals	<u>1,053,115</u>	<u>23.2630</u>
<u>Nevada Tribes:</u>		
Las Vegas Paiute Tribe	<u>1,502</u>	<u>0.0332</u>
Tribes Subtotals	<u>1,502</u>	<u>0.0332</u>
<u>Nevada:</u>		
U.S. for Boulder City (BC)	<u>76,000</u>	<u>1.6788</u>
U.S. for BC Subtotals	<u>76,000</u>	<u>1.6788</u>
CRC, Tribes, and BC Subtotals, Nevada	<u>1,130,617</u>	<u>24.9750</u>
<u>California:</u>		
Anza Electric Cooperative, Inc.	3,482	0.0769
California Department of Water Resources	6,550	0.1447
City of Anaheim	49,400	1.0912
City of Azusa	4,750	0.1049
City of Banning	1,900	0.0420
City of Burbank	25,270	0.5582
City of Cerritos	6,547	0.1446
City of Colton	3,800	0.0839
City of Corona	6,519	0.1440
City of Glendale	68,268	1.5080
City of Los Angeles	663,283	14.6517

² Percentages are calculated by rounding to the nearest ten thousandths decimal place.

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<u>Contractor</u>	<u>Firm Energy</u>	
	Thousands of kWh	Percent ³
City of Pasadena	58,615	1.2948
City of Rancho Cucamonga	6,547	0.1446
City of Riverside	37,050	0.8184
City of Vernon	26,600	0.5876
City of Victorville	5,728	0.1265
Imperial Irrigation District	6,550	0.1447
Metropolitan Water District of Southern California	1,227,375	27.1123
Southern California Edison Company	238,160	5.2609
San Diego County Water Authority	<u>3,533</u>	<u>0.0780</u>
Subtotals, California	<u>2,449,927</u>	<u>54.1181</u>

³ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

<u>Contractor</u>	<u>Firm Energy</u>	
	Thousands of kWh	Percent ⁴
<u>California Tribes:</u>		
Agua Caliente Band of Cahuilla Indians	3,163	0.0699
Augustine Band of Cahuilla Indians	1,046	0.0231
Bishop Paiute Tribe	830	0.0183
Cabazon Band of Mission Indians	2,190	0.0484
Chemehuevi Indian Tribe	3,050	0.0674
Morongo Band of Mission Indians	2,397	0.0530
Pechanga Band of Luiseno Mission Indians	4,366	0.0965
San Luis Rey River Indian Water Authority	6,550	0.1447
San Manuel Band of Mission Indians	5,576	0.1232
Timbisha Shoshone Tribe	260	0.0057
Torres Martinez Desert Cahuilla Indians	3,622	0.0800
Twenty-Nine Palms Band of Mission Indians	2,882	0.0637
Viejas Band of Kumeyaay Indians	<u>3,030</u>	<u>0.0669</u>
Tribes Subtotals, California	<u>38,962</u>	<u>0.8607</u>
Totals Schedule A, B, and D		
Firm Energy	<u>4,527,001</u>	<u>100.0000</u>

⁴ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

SCHEDULE A, SCHEDULE B, AND SCHEDULE D

EXCESS ENERGY ALLOCATIONS

1. Schedule A, Schedule, B, and Schedule D excess energy is defined by the Priority of Entitlement to Excess Energy.

Priority of Entitlement to Excess Energy

- First: The first 200 million kWh for use within the State of Arizona; Provided, That in the event excess energy in the amount of 200 million kWh is not generated during any year of operation, Arizona shall accumulate a first right to delivery of excess energy subsequently generated in an amount not to exceed 600 million kWh, inclusive of the current year's 200 million kWh. Said first right of delivery shall accrue at a rate of 200 million kWh per year for each year excess energy in the amount of 200 million kWh is not generated, less amounts of excess energy delivered.
- Second: Meeting Hoover Dam contractual obligations under the States of Arizona, California, and Nevada for; Schedule A (Schedule A), Schedule B (Schedule B), and Schedule D (Schedule D), not to exceed 26 million kWh hours in each year of operation.
- Third: Meeting the energy requirements of the States of Arizona, California, and Nevada; such available excess energy to be divided equally among the three States.
2. Percentage Allocations is defined for third priority excess energy for use in Arizona, California, and Nevada.

2.1. Third Priority Excess Energy for Arizona is documented below.

<u>Contractor</u>	<u>Percent</u> ⁵
Arizona Power Authority (APA)	100.0000
Total	<u>100.0000</u>

2.2 Third Priority Excess Energy for Nevada is documented below.

<u>Contractor</u>	<u>Percent</u> ⁶
Colorado River Commission (CRC)	100.0000
Total	<u>100.0000</u>

2.3 Third Priority Excess Energy for California is documented below.

<u>Contractor</u>	<u>Percent</u> ⁷
Anza Electric Cooperative, Inc.	0.1350
California Department of Water Resources	0.2538
City of Anaheim	2.6381
City of Azusa	0.2600
City of Banning	0.1205
City of Burbank	1.3357
City of Cerritos	0.2537
City of Colton	0.1998
City of Corona	0.2527
City of Glendale	2.1943
City of Los Angeles	33.5206

⁵ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

⁶ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

⁷ Percentages are calculated by rounding to the nearest ten thousandths decimal place.

<u>Contractor (cont.)</u>	<u>Percent⁸</u>
City of Pasadena	2.0003
City of Rancho Cucamonga	0.2537
City of Riverside	1.9785
City of Vernon	1.4395
City of Victorville	0.2220
Imperial Irrigation District	0.2538
Metropolitan Water District of Southern California	34.8398
San Diego County Water Authority	0.1369
Southern California Edison Company	16.2014
Agua Caliente Band of Cahuilla Indians	0.1226
Augustine Band of Cahuilla Indians	0.0405
Bishop Paiute Tribe	0.0321
Cabazon Band of Mission Indians	0.0849
Chemehuevi Indian Tribe	0.1182
Morongo Band of Mission Indians	0.0929
Pechanga Band of Luiseno Mission Indians	0.1692
San Luis Rey River Indian Water Authority	0.2538
San Manuel Band of Mission Indians	0.2161
Timbisha Shoshone Tribe	0.0101
Torres Martinez Desert Cahuilla Indians	0.1403
Twenty-Nine Palms Band of Mission Indians	0.1117
Viejas Band of Kumeyaay Indians	0.1174
Total	<u>100.0000</u>

3. Changes, additions, or modifications to the attachment shall be reflected in new or revised attachments and will be distributed in accordance with section 18 of this Contract.

⁸ Percentages are calculated by rounding to the nearest ten thousandths decimal place.