

**Written Questions Received on the Proposed Allocation Criteria for
Marketing Nevada's Share of Hoover Schedule D Electric Power and CRC Staff Responses**

Question	CRC Staff Response																																																		
Why has the power allocation percentage never been reached for AZ or NV?	Original allocations were based on individual Federal customers purchasing and operating their own individual generating units at Hoover dam. In 1984, with the uprating of the units, additional capacity was allocated which increased both NV and AZ share, but not up to 33 percent.																																																		
Nevada's current electric power allocation of Hoover power thru Western Area Power Administration is 377,000 kW, and 1,057,989,000 kWh. What is percentage of the total electric power available?	Nevada's current contract capacity is 377,000 kW for CRC and 20,000 kW for Boulder City for a total of 397,000 kW. The total contract capacity of all Hoover is 1,951,000 kW. All of Nevada's allocation of Hoover capacity is just above 20%. Nevada's contract energy allocation is 1,137,989,000 kWh of total Hoover contract energy of 4,527,001,000 kWh, or just above 25%.																																																		
How many kilowatts of power does the 5% of Schedule "D" represent?	103,700 kW																																																		
What are the Western Area Power Administration electric power distribution percentages for AZ and NV, post 2017 and Hoover Power Plant Act of 1984?	<p align="center">Current allocations and percentages</p> <table border="0"> <thead> <tr> <th></th> <th align="center">Capacity</th> <th></th> <th align="center">Energy</th> <th></th> </tr> </thead> <tbody> <tr> <td>AZ</td> <td>377 MW</td> <td>19.3%</td> <td>857,989 MWH</td> <td>20%</td> </tr> <tr> <td>CA</td> <td>1,177 MW</td> <td>60.3%</td> <td>2,531,023 MWH</td> <td>56%</td> </tr> <tr> <td>NV</td> <td>397 MW</td> <td>20.3%</td> <td>1,137,989 MWH</td> <td>25%</td> </tr> <tr> <td>Total</td> <td>1,951 MW</td> <td></td> <td>4,527,001 MWH</td> <td></td> </tr> </tbody> </table> <p>Post 2017 proposed allocations and percentages (w/ tribes by State)</p> <table border="0"> <thead> <tr> <th></th> <th align="center">Capacity</th> <th></th> <th align="center">Energy</th> <th></th> </tr> </thead> <tbody> <tr> <td>AZ</td> <td>423.4 MW</td> <td>20.4%</td> <td>908,334 MWH</td> <td>20.06%</td> </tr> <tr> <td>CA</td> <td>1,227.7 MW</td> <td>59.2%</td> <td>2,489,755 MWH</td> <td>55.00%</td> </tr> <tr> <td>NV</td> <td>422.8 MW</td> <td>20.4%</td> <td>1,128,912 MWH</td> <td>24.94%</td> </tr> <tr> <td>Total</td> <td>2,074 MW</td> <td></td> <td>4,527,001 MWH</td> <td></td> </tr> </tbody> </table>		Capacity		Energy		AZ	377 MW	19.3%	857,989 MWH	20%	CA	1,177 MW	60.3%	2,531,023 MWH	56%	NV	397 MW	20.3%	1,137,989 MWH	25%	Total	1,951 MW		4,527,001 MWH			Capacity		Energy		AZ	423.4 MW	20.4%	908,334 MWH	20.06%	CA	1,227.7 MW	59.2%	2,489,755 MWH	55.00%	NV	422.8 MW	20.4%	1,128,912 MWH	24.94%	Total	2,074 MW		4,527,001 MWH	
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Will the fact that UNLV cannot prepay for power, eliminate the university from consideration?	No. Decisions about risk management requirements such as collateral, prepayments and making payments to a cash working capital fund will be made in the future. The CRC intends to consult with customers before implementing any future requirements.
Can CRC power distributions be provided to companies as an incentive for becoming a production company based in southern Nevada, i.e. Tesla?	Potentially, yes. Projects would likely need to be online before October 2017, or very soon thereafter. Projects will need specific information and plans, not speculation.
Can CRC power be allocated for specific purposes/companies and later recalled/rescinded if the user changes or goes bankrupt?	Allocations can be withdrawn and/or cancelled for non-payment or other breach of contract. Any assignment of an allocation will require prior CRC approval.
What are the actual costs related to becoming a CRC power consumer? For example, conservation and debt service, and prepayment amounts.	Please refer to the attached FY2018 Hoover Schedule D Cost Estimates.
What is the final program cost per kWh, if UNLV is offered a CRC contract?	Please refer to the attached FY2018 Hoover Schedule D Cost Estimates. Costs change annually based on actual revenue requirements and generation, inflation rates and other factors. Repayable advances are a one-time charge; estimates are also on the attached.
If UNLV is not selected for Hoover Schedule D power by October 17, 2017 will another allocation be available before the year 2067?	At this time, no additional allocations are anticipated. With that said, Pursuant to Nevada Administrative Code 538, the Commission may reallocate Hoover power in accordance with its regulations in the event that a Contractor surrenders or loses its entitlement to power, or if an allottee fails to enter into a contract with the Commission within 90 days of being offered a contract.

Question	CRC Staff Response
<p>Are the next five scheduled CRC meetings open to the public, and will announcements be sent to all persons who attended the September meeting?</p>	<p>Yes. All meetings of the Commission are public meetings with public notice in advance. We will provide notice to interested parties on our mailing list. Also, you can check anytime at www.crc.nv.gov for meeting notices and agendas.</p>
<p>If the power allocation returns to CRC, will and how will it be distributed?</p>	<p>These procedures are set forth in the CRC's regulations in Nevada Administrative Code Chapter 538. In the short term, the Commission will endeavor to find markets for that power and arrange for delivery until such time the power is reallocated. In the long term, the Commission may reallocate the power in accordance with its regulations in the event that a Contractor surrenders or loses its entitlement to power, or if an allottee fails to enter into a contract with the Commission within 90 days of being offered a contract.</p>
<p>Can the power from CRC be designated for delivery to the user only during the highest kW demand billing time for NV Energy?</p>	<p>There is some flexibility through scheduling practices to deliver power when it has the most value to the customer.</p>

**Hoover Schedule D Cost Estimate
FY2018
Cost Change Annually**

CRC Estimated Energy Entitlement (kWh)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
Schedule D	960,000	1,420,000	1,426,000	1,437,000	1,526,000	1,853,000	2,036,000	1,786,000	1,797,000	1,742,000	1,720,000	1,270,000	18,973,000

Total Est. Rate per kWh **\$0.026151**

¹Hoover Schedule D Estimated Base Charges and Rates

Contractor	Estimated Rates	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
TBD	Capacity (kW/mo)	\$1.350000	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$15,504.92	\$186,059.04
TBD	Energy (kWh)	\$0.010067	\$9,664.07	\$14,294.78	\$14,355.18	\$14,465.91	\$15,361.85	\$18,653.68	\$20,495.89	\$17,979.20	\$18,089.94	\$17,536.27	\$17,314.80	\$190,996.33
			\$25,168.99	\$29,799.70	\$29,860.10	\$29,970.83	\$30,866.77	\$34,158.60	\$36,000.81	\$33,484.12	\$33,594.86	\$33,041.19	\$32,819.72	\$28,289.68
														\$377,055.37

²Hoover Schedule D Estimated Bond Charges and Rates

Contractor	Estimated Rates	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
TBD	Capacity (kW/mo)	\$0.030000	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$1,858.39	\$22,300.68
TBD	Energy (kWh)	\$0.001181	\$1,133.74	\$1,676.99	\$1,684.08	\$1,697.07	\$1,802.17	\$2,188.35	\$2,404.47	\$2,109.23	\$2,122.22	\$2,057.27	\$2,031.28	\$22,406.71
			\$2,992.13	\$3,535.38	\$3,542.47	\$3,555.46	\$3,660.56	\$4,046.74	\$4,262.86	\$3,967.62	\$3,980.61	\$3,915.66	\$3,889.67	\$44,707.39

³Estimated Additional Charges and Rates

Contractor	Other	Est. Rates per kWh	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
TBD	LCRBDF	\$0.002500	\$2,400.00	\$3,550.00	\$3,565.00	\$3,592.50	\$3,815.00	\$4,632.50	\$5,090.00	\$4,465.00	\$4,492.50	\$4,355.00	\$4,300.00	\$3,175.00	\$47,432.50
TBD	MSCP	\$0.000714	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$1,129.11	\$13,549.30
TBD	CRC Admin	\$0.000707	\$678.72	\$1,003.94	\$1,008.18	\$1,015.96	\$1,078.88	\$1,310.07	\$1,439.45	\$1,262.70	\$1,270.48	\$1,231.59	\$1,216.04	\$897.89	\$13,413.90
			\$4,207.83	\$5,683.05	\$5,702.29	\$5,737.57	\$6,022.99	\$7,071.68	\$7,658.56	\$6,856.81	\$6,892.09	\$6,715.70	\$6,645.15	\$5,202.00	\$74,395.70
Total Estimated Charges			\$32,368.95	\$39,018.13	\$39,104.86	\$39,263.86	\$40,550.32	\$45,277.02	\$47,922.23	\$44,308.55	\$44,467.56	\$43,672.55	\$43,354.54	\$36,849.91	\$496,158.46

NOTE: ****These are estimates only and are subject to change****

****These estimates do not include delivery or other charges that may be billed by your Host Utility****

1. Estimated Hoover energy entitlement, and capacity and energy base charges and rates are based on estimates provided by Western Area Power Administration. These charges change annually based on revenue requirements for Hoover Dam operations, maintenance and equipment replacements and improvements.
2. Estimated Hoover bond charges are based on current CRC bond charges.
3. Estimated Additional charges and rates:
 - Lower Colorado River Basin Development Fund (LCRBDF) is based on current rate established by law.
 - Multi-Species Conservation Program (MSCP) estimates are based on current program charges adjusted for inflation.
 - CRC Administration Charge (Admin) charges and rate estimates is based on the current CRC administration charge rate approved by the Commission.

Capital Improvements and Repayable Advances	
Total Current Western Estimate for All Capital Improvements at Hoover Dam as of Sep. 30, 2017	\$ 150,000,000.00
Total kW at Hoover Dam	2,074,000
All Schedule D allocations KW	103,700
Total Cost per KWH	\$ 72.32 (\$150 M Divided by 2,074,000)
Estimated Cost of Repayable Advances per 1,000 kW allocation	\$ 72,324.01 (cost per kWh times 1,000 kWh)
Repayable Advances can be paid in one lump sum	\$ 72,324.01 One time payment
or can be paid over 5 years	\$ 14,464.80 once a year for 5 years