Arizona Power Authority Hoover Operating Account Budget

Final OY 2020 8/15/19

Condensed Statements of Revenues and Expenses

		Adopted	Final		
		Budget for	Budget for		
		Operating Year	Operating Year		% of
Line No.		Ending 9/30/19	Ending 9/30/20	Difference	Change
		(\$)	(\$)	(\$)	
1 O J	perating Revenues				
2					
3	Sales of Hoover Capacity and Energy				
4	Demand Charge (1)	\$8,758,244	\$8,418,167	(\$340,077)	-3.88%
5	Energy Charge (2)	\$8,635,429	\$8,301,203	(\$334,226)	-3.87%
6	Lower Co. Riv. Basin Dev. Fund (3)	\$3,188,214	\$3,036,510	(\$151,704)	-4.76%
	Total Revnue from Rates	\$20,581,887	\$19,755,880	(\$826,007)	-4.01%
7	Interest Income				
8	Operating Account (4)	\$50,000	\$70,000	\$20,000	40.00%
9					
10 T c	otal Operating Revenues	\$20,631,887	\$19,825,880	(\$806,007)	-3.91%
11					
12 O J	perating Expenses				
13					
14	Purchased Power (5)	\$16,841,817	\$16,039,702	(\$802,115)	-4.76%
16	Administration & General (6)	\$1,632,572	\$1,630,875	(\$1,697)	-0.10%
17	Total Operating Expenses	\$18,474,389	\$17,670,577	(\$803,812)	-4.35%
18				,	
19	Debt Service				
20	Debt Service Reserve Interest (7)	(\$10,000)	(\$10,000)	\$0	0.00%
21	Debt Service - Interest (8)	\$1,186,398	\$1,174,303	(\$12,095)	-1.02%
22	Principal (9)	\$550,000	\$560,000	\$10,000	1.82%
23	Other Costs (10)	\$31,100	\$31,000	(\$100)	N/A
24	Total Debt Service	\$1,757,498	\$1,755,303	(\$2,195)	-0.12%
25		, , ,	. , ,	(, , ,	
	otal Operating Expenses	\$20,231,887	\$19,425,880	(\$806,007)	-3.98%
27	perating Margin	\$400,000	\$400,000	\$0	0.00%

Footnotes:

- (1) See Page 6, Line 7
- (2) See Page 6, Line 16 minus Page 5, Line 36
- (3) See Page 5, Line 36
- (4) See Page 4, Line 20
- (5) See Page 5, Line 37
- (6) See Page 4, Line 8
- (7) See Page 4, Line 11
- (8) See Page 4, Line 14
- (9) See Page 4, Line 15
- (10) See Page 4, Line 16

Hoover Operating Account Budget

Administrative and General Expense (Details)

	Adopted	Final		
	Budget for	Budget for		
	Operating Year	Operating Year		% of
	Ending 9/30/19	Ending 9/30/20	Difference	Change
	(\$)	(\$)	(\$)	
Line No. Commission Expenses				
1 Commissioners' Per Diem	3,000	3,780	780	26.00%
2 Travel - In State	10,000	15,000	5,000	50.00%
3 Travel - Out of State	8,000	11,500	3,500	43.75%
4 Outside Printing	-	15,000	15,000	#DIV/0!
5 Miscellaneous Commission Expense	7,200	8,000	800	11.11%
6 Customer Service Programs	24,000	20,000	(4,000)	-16.67%
7 Conference Fees	3,000	2,000	(1,000)	-33.33%
8 Planning & Strategy	-	3,000	3,000	N/A
9 Total	55,200	78,280	23,080	41.81%
10				
11 Staff Expenses				
12 Staff Salaries	694,307	706,873	12,566	1.81%
13 Travel - In State	10,000	6,000	(4,000)	-40.00%
14 Travel - Out of State	16,000	28,000	12,000	75.00%
15 Office Supplies	5,000	5,000	0	0.00%
16 Copier and Fax Supplies	1,000	1,500	500	50.00%
17 Miscellaneous Staff Office Expenses	3,000	4,000	1,000	33.33%
18 Postage	500	700	200	40.00%
19 Telephone	12,420	12,580	160	1.29%
20 Computer Expense	35,070	40,970	5,900	16.82%
21 Staff Training	20,000	22,000	2,000	10.00%
22 Conference Fees	2,000	4,000	2,000	100.00%
23 Planning & Strategy	-	8,000	8,000	0.00%
24 Total	799,297	839,623	40,326	5.05%
25				
26 Outside Services				
27 Accounting and Auditing	45,000	45,000	0	0.00%
28 Computer Consulting Services	6,000	3,000	(3,000)	-50.00%
29 Legal	84,000	75,300	(8,700)	-10.36%
30 CREDA	30,000	30,000	0	0.00%
31 MSCP	165,726	169,491	3,765	2.27%
32 Miscellaneous Outside Professional Serv		60,000	(51,043)	-45.97%
33 Planning & Strategy	-	3,000	3,000	0.00%
34 Total	441,769	385,791	(55,978)	-12.67%
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Hoover Operating Account Budget

Administrative and General Expense (Details)

	Adopted Budget for	Final Budget for		
	Operating Year	Operating Year		% of
	Ending 9/30/19	Ending 9/30/20	Difference	Change
	(\$)	(\$)	(\$)	
1 Employee Related Expenses				
2 Worker's Compensation Insurance	6,735	9,826	3,091	45.89%
3 Social Security Taxes	53,344	51,591	(1,753)	-3.29%
4 State Retirement	81,928	85,602	3,674	4.48%
5 Health Insurance	70,849	71,076	227	0.32%
6 Life and Disability Insurance	126	126	0	0.00%
7 Dental Insurance	626	686	60	9.58%
8 Retirees Sick Leave	2,777	2,827	50	1.80%
9 Total	216,385	221,734	5,349	2.47%
10				
11 Occupancy Expense				
12 Janitorial - Labor	8,904	8,904	0	0.00%
13 Trash Collection	1,056	1,080	24	2.27%
14 Utilities - Water & Electric	18,000	19,000	1,000	5.56%
15 Insurance (Property & Liability)	21,800	20,200	(1,600)	-7.34%
16 Yard Maintenance - Labor	4,000	4,000	0	0.00%
17 Maintenance Agreements	5,040	5,400	360	7.14%
18 APA Office Building Maintenance	32,820	10,000	(22,820)	-69.53%
19 Charge in Lieu of Depreciation	15,000	21,303	6,303	42.02%
20 Total	106,620	89,887	(16,733)	-15.69%
21			,	
22 Organizational Dues and Subscript	ions :			
23 Subscriptions	300	560	260	86.67%
24 Staff Organizational Dues	1,000	1,000	0	0.00%
25 Organizational Dues	12,000	14,000	2,000	16.67%
26 Total	13,300	15,560	2,260	16.99%
27				
28				
29 Total Administrative and General	1,632,571	1,630,875	(1,696)	-0.10%

Hoover Operating Account Budget

1 Administrative and General 2 Commission Expenses (1) \$55,200 \$78,280 \$23,080 41.8
2 COMMISSION EXPENSES (1) \$70,200 \$70,200 \$23,000 \$1.0
3 Staff Expenses (2) \$799,297 \$839,623 \$40,326 5.0 4 Outside Services (3) \$441,769 \$385,791 (\$55,978) -12.6
5 Employee Related Expenses (4) \$216,385 \$221,734 \$5,349 2.4
6 Occupancy Expense (5) \$106,620 \$89,887 (\$16,733) -15.6
7 Organizational Expense (6) \$13,300 \$15,560 \$2,260 16.9
8 Total Administrative and General \$1,632,571 \$1,630,875 (\$1,696) -0.1
9
10 Debt Service
11 Debt Service Reserve Interest (7) (\$10,000) (\$10,000) \$0 0.0
12 Debt Service Income (\$10,000) (\$10,000) \$0 0.0
13 Debt Service - (\$10,000) (\$10,000) \$0.0
14 2014 Bond Interest (8) \$1,186,398 \$1,174,303 (\$12,095) -1.0
15 Debt Service Reserve 2014 Bond/Principle (9) \$550,000 \$560,000 \$10,000 1.8
16 Other Costs (10) \$31,100 \$31,000 (\$100) -0.3
17 Debt Service Expenses \$1,757,498 \$1,755,303 (\$2,195) -0.1
18
19 Other Income :
20 Operating Account Interest (11) (\$50,000) (\$70,000) (\$20,000) 40.0
21 Total Other Income (\$50,000) (\$70,000) (\$20,000) 40.0
22
23 Other Expenses:
24 Planned Surplus (12) \$400,000 \$400,000 \$0 0.0
25 Total Other Expenses \$400,000 \$400,000 \$0 0.0
26
27 Subtotal Expenses and Income (13) \$3,740,069 \$3,716,178 (\$23,891) -0.6
28 Subtotal Hoover (Page 5 Line 37) \$16,841,817 \$16,039,702 (\$802,115) -4.7
29 Total Revenue Requirement \$20,581,886 \$19,755,880 (\$826,006) -4.0

Footnotes:

- (1) See Page 2, Line 9
- (2) See Page 2, Line 24
- (3) See Page 2, Line 34
- (4) See Page 3, Line 9
- (5) See Page 3, Line 20
- (6) See Page 3, Line 26
- (7) Interest earned on the Bond Reserve account
- (8) Amount from bond schedule
- (9) Amount from bond schedule
- (10) Amount calculated annually
- (11) Amount calculated annually
- (12) Budgeted margin
- (13) The sum of Lines 8, 17,21, 25

Arizona Power Authority Hoover Operating Account Budget

Line No. Description Des			Adopted Budget for	Final Budget for		
Hoover Power Expenses 2 Western's Capacity Revenue Requirement \$34,870,829 \$33,209,701 \$(\$1,661,128) \$4.76% 3 Total Capacity (kW) (YrAvg) \$1,613,000 \$1,613,000 \$0 \$0.00% \$4 \$Capacity Rate (\$ikW-month) \$1.80 \$1.72 \$(0.09) \$4.76% \$6.8PAB Base Charge for Capacity \$6,888,209 \$6,560,078 \$(\$328,131) \$4.76% \$7 \$Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 \$(\$1,661,128) \$4.76% \$7 \$Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 \$(\$1,661,128) \$4.76% \$7 \$Western's Energy Rate (mills/kWh) \$3,686,659 \$3,478,100 \$(208,559) \$5,66% \$9 \$Western's Energy Rate (mills/kWh) \$9,46 \$9,55 \$0.09 \$0.95% \$1.476% \$1.476 \$1.4			•	•		% of
Hoover Power Expenses 2 Western's Capacity Revenue Requirement \$34,870,829 \$33,209,701 \$(\$1,661,128) 4.76% 3 Total Capacity (kW) (YrAvg) 1,613,000 1,613,000 0 0.00% 4 Capacity Rate (\$ikW-month) 1.80 1.72 (0.09) 4.76% 5 APA Percentage of Capacity 19,75% 19,75% 19.75% 19	Line No	Description		-	Difference	
2 Western's Capacity Revenue Requirement \$34,870,829 \$33,209,701 \$1,661,128 4.76% 3 Total Capacity (kW) (YrAvg) 1,613,000 1,613,000 0 0.00% 4 Capacity Rate (k/kW-month) 1.80 1.72 (0.09) 4.76% 5 APA Percentage of Capacity 19.75% 19	Lino 110.	Decempation	Enailig oroor to	Enang oroorzo	Dilloronoo	Onango
3 Total Capacity (kW) (YrAvg) 4 Capacity Rate (\$/kW-month) 5 APA Percentage of Capacity 8 (8,888,209 \$6,560,078 (\$328,131) -4.76% 6 APAs Base Charge for Capacity 8 (8,888,209 \$6,560,078 (\$328,131) -4.76% 7 Western's Energy Revenue Requirement 8 BCP OY Estimated Generation (MWh) 9 Western's Energy Rate (mills/kWh) 9 Western's Energy Rate (mills/kWh) 10 APA Percentage of Energy 19 40% 19,40% 0,00 0,00% 11 APAs Base Charge for Energy 19 40% 19,40% 0,00 0,00% 12 Western's Total Revenue Requirement 18 60,741,657 \$66,419,402 (\$3322,280) -4.76% 13 Western's Composite Rate (mills/kWh) 14 BPAs Base Charge for Energy 19 40% 19,40% 0,00 0,00% 15 Estimated Western Rate: 16 Demand Charge (\$kW/Mo.) 17 Energy Charge (Mills/kWh) 18 CAP Surcharge (Mills/kWh) 19 46 9,55 0,09 0,95% 18 CAP Surcharge (Mills/kWh) 19 46 9,55 0,09 0,95% 18 CAP Surcharge (Mills/kWh) 19 20 Purchased Power at Generation 21 Capacity (Killowatt Months): 22 Schedule A (Avg/Yr) 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10,77% 24 Schedule D (Avg/Yr) 115,192 127,597 12,405 10,77% 25 Total (Avg/Yr) 26 Fenergy (Megawatt-Hours) 27 Energy (Megawatt-Hours) 28 Schedule B (Avg/Yr) 29 Schedule B (349,74) 17,574 19,467 1,892 10,77% 29 Schedule B (449,74) 17,574 19,467 1,892 10,77% 29 Schedule B (49,74) 17,574 19,467 (11,179) -2.32% 30 Schedule B (49,74) 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Schedule B (49,74) 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Purchased Power Expense 34 Demand Charge (56,765,394 \$6,443,114 (\$322,280) 4.76% 35 Energy (Charge \$6,6765,394 \$6,443,114 (\$322,280) 4.76% 36 LCRBDF \$3,108,510 \$3,308,510 (\$72,000) -2.32%	1	Hoover Power Expenses				
4 Capacity Rate (\$\struct{\$k\text{W-month}\$)} 1.80 1.72 (0.09) -4.76% 5 APA Percentage of Capacity 19.75% 19.75% 19.75% 19.75% 6 APAs Base Charge for Capacity \$6,888.209 \$6,560.078 (\$328,131) -4.76% 7 Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 (\$1,661,128) -4.76% 8 BCP OV Estimated Generation (MWh) 3,686,659 3,478,100 (208,559) -5.66% 9 Western's Energy Rate (mills/kWh) 9.46 9.55 0.09 0.95% 10 APA Percentage of Energy 19.40% 19.40% 0.00 0.00% 11 APA Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4,76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) -4,76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 15 Estimated Western Rate: 15.80 1.72 (0.09) -4.76% 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76%	2	Western's Capacity Revenue Requirement	\$34,870,829	\$33,209,701	(\$1,661,128)	-4.76%
5 APA Percentage of Capacity 19.75% 19.75% 19.75% 6 APAs Base Charge for Capacity \$6,888.209 \$6,560.078 (\$328,131) -4.76% 7 Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 (\$1,661,128) -4.76% 8 BCP OY Estimated Generation (MWh) 3,686,659 3,478,100 (208,559) -5.66% 9 Western's Energy Rate (mills/kWh) 9.46 9.55 0.09 0.95% 10 APA Percentage of Energy 19,40% 19.00 0.00 0.00% 12 Western's Total Revenue Requirement \$66,765,394 \$6,443,114 (\$322,280) -4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 Fishmated Western Rate: 18.92 19.10 \$0.18 0.95% 15 Estimated Western Rate: 18.02 19.10 \$0.18 0.95% 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 \$0.09 0.95% 18 CAP Su	3	Total Capacity (kW) (YrAvg)	1,613,000	1,613,000	0	0.00%
6 APAs Base Charge for Capacity \$6,888,209 \$6,560,078 (\$328,131) -4.76% 7 Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 (\$1,661,128) -4.76% 8 BCP OY Estimated Generation (MWh) 3,686,659 3,478,100 (208,559) -5,66% 9 Western's Energy Rate (mills/kWh) 9,46 9,55 0.09 0.95% 10 APA Percentage of Energy 19,40% 19,40% 0.00 0.00% 11 APAS Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4,76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) -4,76% 13 Western's Composite Rate (mills/kWh) 18,92 19,10 \$0,18 0,95% 14 15 Estimated Western Rate: 18,92 19,10 \$0,18 0,95% 15 Energy Charge (Mills/kWh) 9,46 9,55 0.09 0,95% 18 CAP Surcharge (Mills/kWh) 4,50 4,50 0,00 0,00% </td <td>4</td> <td>Capacity Rate (\$/kW-month)</td> <td>1.80</td> <td>1.72</td> <td>(0.09)</td> <td>-4.76%</td>	4	Capacity Rate (\$/kW-month)	1.80	1.72	(0.09)	-4.76%
7 Western's Energy Revenue Requirement \$34,870,829 \$33,209,701 (\$1,661,128) -4.76% 8 BCP OY Estimated Generation (MWh) 3,686,659 3,478,100 (208,559) -5.66% 9 Western's Energy Rate (mills/kWh) 9.46 9.55 0.09 0.95% 10 APA Percentage of Energy 19.40% 19.40% 0.00 0.00% 11 APAS Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 15 Estimated Western Rate: 18.92 19.10 \$0.18 0.95% 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 18 CAP Surcharge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,808 <td>5</td> <td>APA Percentage of Capacity</td> <td>19.75%</td> <td>19.75%</td> <td></td> <td></td>	5	APA Percentage of Capacity	19.75%	19.75%		
8 BCP OY Estimated Generation (MWh) 3,686,659 3,478,100 (208,559) -5.66% 9 Western's Energy Rate (mills/kWh) 9.46 9.55 0.09 0.95% 10 APA Percentage of Energy 19.40% 19.40% 0.00 0.00% 11 APAS Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4.76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) -4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 15 Estimated Western Rate: 18.00 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 9.55 0.09 0.95% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,808 <td>6</td> <td>APAs Base Charge for Capacity</td> <td>\$6,888,209</td> <td>\$6,560,078</td> <td>(\$328,131)</td> <td>-4.76%</td>	6	APAs Base Charge for Capacity	\$6,888,209	\$6,560,078	(\$328,131)	-4.76%
9 Western's Energy Rate (mills/kWh) 9.46 9.55 0.09 0.95% 10 APA Percentage of Energy 19.40% 19.40% 0.00 0.00% 11 APAS Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4.76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) 4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 15 Estimated Western Rate: 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 15,942 Schedule D (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,992 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule B 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) 4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) 4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	7	Western's Energy Revenue Requirement	\$34,870,829	\$33,209,701	(\$1,661,128)	-4.76%
10 APA Percentage of Energy 19.40% 19.40% 0.00 0.00% 11 APAs Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) 4.76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) 4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 ************************************	8	BCP OY Estimated Generation (MWh)	3,686,659	3,478,100	(208,559)	-5.66%
11 APAs Base Charge for Energy \$6,765,394 \$6,443,114 (\$322,280) -4.76% 12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) -4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 ** Setsimated Western Rate: 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 ** Purchased Power at Generation 21 Capacity (Kilowatt Months): ** Setedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule B (Avg/Yr) 17,574 19,467 1,892 10.77% 26 ** Purchased Meyer Expense 27 Energy (Megawatt-Hours)	9	Western's Energy Rate (mills/kWh)	9.46	9.55	0.09	0.95%
12 Western's Total Revenue Requirement \$69,741,657 \$66,419,402 (\$3,322,255) -4.76% 13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 ** Estimated Western Rate: 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 Tenergy (Megawatt-Hours) 482,666 471,487 (11,179) -2.32% 28<	10	APA Percentage of Energy	19.40%	19.40%	0.00	0.00%
13 Western's Composite Rate (mills/kWh) 18.92 19.10 \$0.18 0.95% 14 15 Estimated Western Rate: 16 Demand Charge (\$\(\k\)K\(\mathbb{M}\)) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (\$\(\mathbb{M}\)) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (\$\(\mathbb{M}\)) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,492 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 30 Schedul	11	APAs Base Charge for Energy	\$6,765,394	\$6,443,114	(\$322,280)	-4.76%
14 15 Estimated Western Rate: 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	12	Western's Total Revenue Requirement	\$69,741,657	\$66,419,402	(\$3,322,255)	-4.76%
15 Estimated Western Rate: 16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 Uruchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Purchased Power Expense 46,888,209 \$6,560,078 (\$328,131) -4.76% 35 E	13	Western's Composite Rate (mills/kWh)	18.92	19.10	\$0.18	0.95%
16 Demand Charge (\$/kW/Mo.) 1.80 1.72 (0.09) -4.76% 17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394	14					
17 Energy Charge (Mills/kWh) 9.46 9.55 0.09 0.95% 18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510	15	Estimated Western Rate:				
18 CAP Surcharge (Mills/kWh) 4.50 4.50 0.00 0.00% 19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense 86,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF <td>16</td> <td>Demand Charge (\$/kW/Mo.)</td> <td>1.80</td> <td>1.72</td> <td>(0.09)</td> <td>-4.76%</td>	16	Demand Charge (\$/kW/Mo.)	1.80	1.72	(0.09)	-4.76%
19 20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule B 158,401 154,732 (3,669) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	17	Energy Charge (Mills/kWh)	9.46	9.55	0.09	0.95%
20 Purchased Power at Generation 21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 3 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	18	CAP Surcharge (Mills/kWh)	4.50	4.50	0.00	0.00%
21 Capacity (Kilowatt Months): 22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	19					
22 Schedule A (Avg/Yr) 115,808 128,279 12,471 10.77% 23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 690,780 674,780 (16,000) -2.32% 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	20	Purchased Power at Generation				
23 Schedule B (Avg/Yr) 115,192 127,597 12,405 10.77% 24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 32 33 Purchased Power Expense 46,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	21	Capacity (Kilowatt Months):				
24 Schedule D (Avg/Yr) 17,574 19,467 1,892 10.77% 25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 33 Purchased Power Expense \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	22	Schedule A (Avg/Yr)	115,808	128,279	12,471	10.77%
25 Total (Avg/Yr) 248,574 275,342 26,768 10.77% 26 27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	23	Schedule B (Avg/Yr)	115,192	127,597	12,405	10.77%
26 27 Energy (Megawatt-Hours) 28 Schedule A	24	Schedule D (Avg/Yr)	17,574	19,467	1,892	10.77%
27 Energy (Megawatt-Hours) 28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 (16,000) -2.32% 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	25	Total (Avg/Yr)	248,574	275,342	26,768	10.77%
28 Schedule A 482,666 471,487 (11,179) -2.32% 29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 32 32 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	26					
29 Schedule B 158,401 154,732 (3,669) -2.32% 30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	27	Energy (Megawatt-Hours)				
30 Schedule D 49,713 48,561 (1,152) -2.32% 31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	28	Schedule A	482,666	471,487	(11,179)	-2.32%
31 Total 690,780 674,780 (16,000) -2.32% 32 33 Purchased Power Expense \$6,888,209 \$6,560,078 (\$328,131) -4.76% 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	29	Schedule B	158,401	154,732	(3,669)	-2.32%
32 33 Purchased Power Expense 34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	30	Schedule D	49,713	48,561	(1,152)	-2.32%
33 Purchased Power Expense \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	31	Total	690,780	674,780	(16,000)	-2.32%
34 Demand Charge \$6,888,209 \$6,560,078 (\$328,131) -4.76% 35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	32					
35 Energy Charge \$6,765,394 \$6,443,114 (\$322,280) -4.76% 36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	33	Purchased Power Expense				
36 LCRBDF \$3,108,510 \$3,036,510 (\$72,000) -2.32%	34	Demand Charge			,	-4.76%
	35	Energy Charge	\$6,765,394		(\$322,280)	-4.76%
37 Total \$16,841,817 \$16,039,702 (\$802,115) -4.76%	36	LCRBDF		<u> </u>	1 1	
	37	Total	\$16,841,817	\$16,039,702	(\$802,115)	-4.76%

Hoover Operating Account Budget

Estimated Revenue Requirements

Final OY2020 8/15/19

							-//	
			Adopted		Final			
		0	Budget for perating Year	0	Budget for perating Year			% of
			nding 9/30/19		nding 9/30/20		Difference	Change
No.								
	emand Related Costs:							
2	Western's Demand Charge	\$	6,888,209	\$	6,560,078	\$	(328,131)	-5°
3	Administrative & General - 50%	\$	816,286	\$	815,438	\$	(848)	0'
4	Debt Service - 50%	\$	878,749	\$	877,652	\$	(1,097)	0'
5	Planned Surplus - 50%	\$	200,000	\$	200,000	\$	-	0'
6	Interest Income - 50%	\$ <u>\$</u> \$	(25,000)	\$	(35,000)	\$	(10,000)	40
7	Total	\$	8,758,244	\$	8,418,167	\$	(340,076)	-4
8	5.4.4.0							
	nergy Related Costs:	_		_		_	(_
10	Western's Energy Charge	\$	6,765,394	\$	6,443,114	\$	(322,280)	-5
11	Lower Colorado River Basin Dev. Fund Charge	\$	3,108,510	\$	3,036,510	\$	(72,000)	-2
12	Administrative & General - 50%	\$	816,286	\$	815,438	\$	(848)	0
13	Debt Service - 50%	\$	878,749	\$	877,652	\$	(1,097)	0
14	Planned Surplus - 50%	\$ <u>\$</u> \$	200,000	\$	200,000	\$	-	0
15	Interest Income - 50%	\$	(25,000)	\$	(35,000)	\$	(10,000)	40
16	Total	\$	11,743,939	\$	11,337,713	\$	(406,226)	-3
17	0 11 - 111 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1							
	vg. Capacity Entitlement @ Load (kW)							
19	Schedule 'A'		115,808		128,279		12,471	11
20	Schedule 'B'		115,197		127,602		12,405	11
21	Schedule 'D'		17,569		19,461		1,892	11
22	Total		248,574		275,342		26,768	11
23	- · · · · · · · · · · · · · · · · · · ·							
	nergy Entitlement @ Load (MWh)		400.000		474 407		(44.470)	
25	Schedule 'A'		482,666		471,487		(11,179)	-2
26	Schedule 'B'		158,401		154,732		(3,669)	-2
27	Schedule 'D'		49,713		48,561		(1,152)	-2
28	Total		690,780		674,780		(16,000)	-2
29	(D)							
	ecovery of Revenue at Delivery	•	0.750.044		00 440 407		(0040.070)	
31	From Demand Rate	\$	8,758,244		\$8,418,167		(\$340,076)	-4
32	From Energy Rate	\$	11,743,939		\$11,337,713		(\$406,226)	-3
33 34	Total Revenue Requirement	\$	20,502,182		\$19,755,880		(\$746,302)	-4
	stimated APA Rate							
36	Demand Charge (\$/kW/Mo.)		2.94		2.55		(0.39)	-13
37	5 ()		12.50		12.30		` ,	-13 -2
	Energy Charge (Mills/kWh)						(0.20)	
38	LCRBDF (Mills/kWh)		4.50		4.50		0.00	0
39	Sched. A, B & D Energy Rate (Mills/kWh)		17.00		16.80		(0.20)	-1
40								
41 C	omposite Rate (Mills/kWh)		29.68		29.28		(0.40)	-1

ost Energy in MWh	0.015 10,121.70
Lost Energy in Dollars	16.80 170,065.69
Decrease in LCRBDF Cost	4.50 (45,547.65)
Net Revenue to Recover	124,518.04
Divided by New Energy Quantity (MWh):	
Old Energy Quantity	674,780.00
Less Adjustment	(10,121.70)
New Energy Quantity	664,658.30
Effect on Rate	\$ 0.19
New Calculated Energy Rate	\$ 16.99

Lost Composite Rate in MWh	0.015	10,121.70
Lost Composite Rate in Dollars	29.28	296,338.20
Decrease in LCRBDF Cost	4.50	(45,547.65)
Net Revenue to Recover	_	250,790.55
Divided by New Energy Quantity (MWh):		
Old Energy Quantity		674,780.00
Less Adjustment		(10,121.70)
New Energy Quantity	_	664,658.30
Effect on Rate	\$	0.38
New Calculated Energy Rate	\$	29.65

Adjusted Rates After Adjustment:	Adopted Budget for	Final Budget for		
	Operating Year	Operating Year		% of
	Ending 9/30/2019	Ending 9/30/2020	Difference	Change
Estimated APA Rate				
Demand Charge (\$/kW/Mo.)	2.94	2.55	(0.39)	-13%
Energy Charge (Mills/kWh)	12.50	12.49	(0.01)	0%
LCRBDF (Mills/kWh)	4.50	4.50	0.00	0%
Sched. A, B & D Energy Rate (Mills/kWh)	17.00	16.99	(0.01)	0%
Composite Rate (Mills/kWh)	29.68	29.65	(0.02)	-0.08%