



INVESTING IN A CONNECTED FUTURE

STATISTICAL APPENDIX

Unaudited

ANNUAL REPORT 2019

WESTERN AREA POWER ADMINISTRATION

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SYSTEM DATA

System Profile as of Sept. 30, 2019

Asset	Boulder Canyon	Central Arizona	Central Valley ¹	EDS-to-Palo Verde Hub Project	Falcon-Amistad	Loveland Area Projects ²	Pacific NW-SW Intertie—Southern portion ¹	Olmsted	Parker-Davis	Pick-Sloan Missouri Basin Program—Eastern Division	Provo River	Salt Lake City Area/Integrated Projects	Washoe	Eliminations ³	WAPA total
Powerplants	1	1	11	0	2	20	0	1	2	8	1	11	1	(1)	58
Transmission lines															
Circuit miles	53	0	1,363	46	0	3,366	589	0	1,662	7,923	0	2,324	0	0	17,326
Circuit kilometers	86	0	2,192	74	0	5,416	946	0	2,675	12,748	0	3,740	0	0	27,877
Land⁴															
Acres	1,168	0	18,559	0	0	34,721	16,818	0	22,001	94,020	0	35,359	0	0	222,646
Hectares	473	0	7,514	0	0	14,057	6,809	0	8,907	38,065	0	14,315	0	0	90,140
Substations	2	10	25	0	0	84	7	0	48	129	0	36	0	(17)	324

¹ In FY 2019, the data for Central Valley Project and Pacific NW-SW Intertie were corrected to report the Pacific NW-SW Intertie (northern portion) with the Central Valley Project. The Pacific NW-SW Intertie (northern portion) was previously reported with the Pacific NW-SW Intertie (southern portion).

² One powerplant divides its generation between two projects.

³ In accordance with WAPA Maintenance Business Rule 3.18 – Corporate Reporting, substations can be shared by up to three power systems. The eliminations column removes the duplicate sites.

⁴ These values include total transmission, building, communication and substation acreage for each power system.

Revenue Profile as of Sept. 30, 2019

Power revenues	Boulder Canyon	Central Arizona	Central Valley	Falcon-Amistad	Loveland Area Projects	Olmsted	Parker-Davis	Pick-Sloan Missouri Basin Program—Eastern Division	Provo River	Salt Lake City Area/Integrated Projects	Washoe	Eliminations ¹	WAPA total
Number of customers	46	15	99	1	81	2	36	343	3	153	1	(80)	700
Long-term power revenues	69,741,660	0	185,810,160	3,817,608	64,083,607	252,293	15,228,773	228,967,415	276,436	172,359,244	214,634	0	740,751,830
Other power revenues	0	63,437,299	14,689,636	0	3,534,489	0	0	86,797,626	0	20,366,639	0	0	188,825,689
Project-use power revenues	0	0	31,800,000	0	26,900	0	2,230,881	141,395	0	2,512,927	0	0	36,712,103
Interproject power revenues	0	31,824	0	0	7,887,214	0	0	55,979	0	456,939	0	0	8,431,956
Total power revenues (\$)	69,741,660	63,469,123	232,299,796	3,817,608	75,532,210	252,293	17,459,654	315,962,415	276,436	195,695,749	214,634	0	974,721,578

¹ Double counting occurs when more than one project sells power to the same customer. The eliminations column removes the duplicates.

FACILITIES

Buildings, Communication Sites Summary

Project	Number of buildings	Number of communication sites	Fee area		Easement area	
			Acres	Hectares	Acres	Hectares
Boulder Canyon	0	2	0	0	0	0
Central Arizona	0	11	0	0	0	0
Central Valley ¹	69	22	0	0	0	0
Loveland Area Projects	198	120	60	24	46	19
Pacific NW-SW Intertie—Southern portion ¹	10	8	0	0	0	0
Parker-Davis	77	59	0	0	8	3
Pick-Sloan Missouri Basin Program—Eastern Division	225	219	186	75	169	68
Salt Lake City Area/Integrated Projects	82	67	38	16	8	3
Subtotal	661	508	284	115	231	93
Eliminations ²	0	(19)	0	0	0	0
WAPA total	661	489	284	115	231	93

¹ In FY 2019, the data for Central Valley Project and Pacific NW-SW Intertie were corrected to report the Pacific NW-SW Intertie (northern portion) with the Central Valley Project. The Pacific NW-SW Intertie (northern portion) was previously reported with the Pacific NW-SW Intertie (southern portion).

² In accordance with WAPA Maintenance Business Rule 3.18 – Corporate Reporting, communication sites can be shared by up to three power systems. The eliminations row removes the duplicates.

Substations Summary

Project	Number of substations	Transformers		Fee area		Withdrawal area ¹		Easement area	
		Number	Capacity (kVA)	Acres	Hectares	Acres	Hectares	Acres	Hectares
Boulder Canyon	2	0	0	0	0	0	0	0	0
Central Arizona	10	0	0	0	0	0	0	0	0
Central Valley ²	25	21	2,528,660	546	221	0	0	90	37
EDS-to-Palo Verde Hub	0	1	375,000	0	0	0	0	0	0
Loveland Area	84	72	3,676,880	530	215	0	0	163	66
Pacific NW-SW Intertie—Southern portion ²	7	9	5,799,990	144	58	4,403	1,782	0	0
Parker-Davis	48	29	2,208,000	363	147	115	47	87	35
Pick-Sloan Missouri Basin Program—Eastern Division	129	118	11,161,820	2,064	836	23	9	10	4
Salt Lake City Area/Integrated Projects	36	41	8,384,090	748	303	128	52	50	20
Subtotal	341	291	34,134,440	4,395	1,780	4,669	1,890	400	162
Eliminations ³	(17)	0	0	0	0	0	0	0	0
WAPA total	324	291	34,134,440	4,395	1,780	4,669	1,890	400	162

¹ Areas that have been set aside by the Bureau of Land Management for WAPA transmission and substation use.

² In FY 2019, the data for Central Valley Project and Pacific NW-SW Intertie were corrected to report the Pacific NW-SW Intertie (northern portion) with the Central Valley Project. The Pacific NW-SW Intertie (northern portion) was previously reported with the Pacific NW-SW Intertie (southern portion).

³ In accordance with WAPA Maintenance Business Rule 3.18 – Corporate Reporting, substations can be shared by up to three power systems. The eliminations row removes the duplicates.

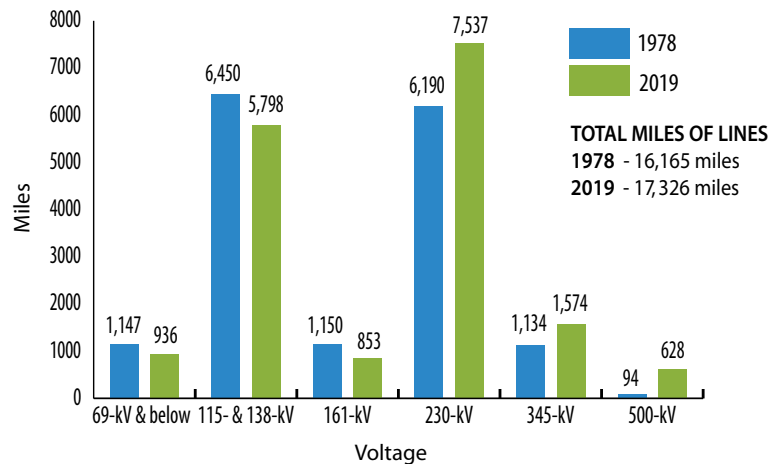
TRANSMISSION LINES

Transmission Line Summary

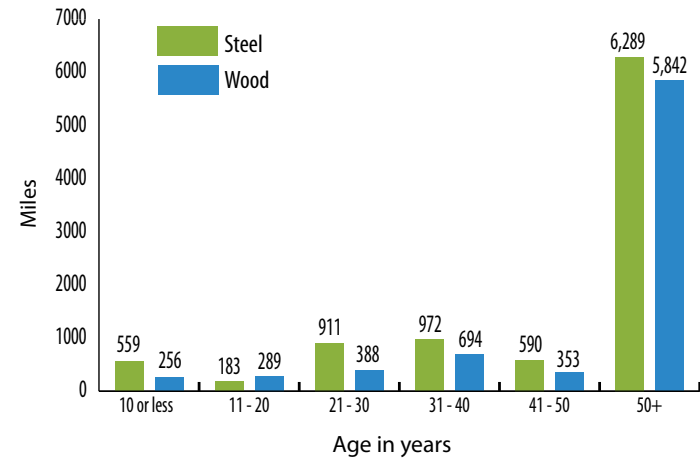
State	500-kV		345-kV		230-kV		161-kV		138-kV		100-115-kV		69-kV & below		WAPA total	
	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
Arizona	231.90	373.13	703.62	1,132.13	1,117.65	1,798.31	154.90	249.23	0.00	0.00	306.81	493.66	118.40	190.51	2,633.28	4,236.97
California ¹	372.40	599.19	0.00	0.00	905.64	1,457.17	203.46	327.37	0.00	0.00	13.55	21.80	75.74	121.86	1,570.79	2,527.39
Colorado	0.00	0.00	315.75	508.04	729.76	1,174.19	0.00	0.00	211.88	340.91	797.87	1,283.77	61.71	99.29	2,116.97	3,406.20
Iowa	0.00	0.00	20.33	32.71	164.52	264.71	193.35	311.10	0.00	0.00	0.00	0.00	0.00	0.00	378.20	608.52
Minnesota	0.00	0.00	0.00	0.00	247.31	397.92	0.00	0.00	0.00	0.00	14.99	24.12	0.00	0.00	262.30	422.04
Missouri	0.00	0.00	0.00	0.00	0.00	0.00	17.95	28.88	0.00	0.00	0.00	0.00	0.00	0.00	17.95	28.88
Montana	0.00	0.00	0.00	0.00	561.21	902.99	283.05	455.43	0.00	0.00	597.86	961.96	73.86	118.84	1,515.98	2,439.22
Nebraska	0.00	0.00	136.76	220.05	125.79	202.40	0.00	0.00	0.00	0.00	417.22	671.31	69.44	111.73	749.21	1,205.49
Nevada	24.00	38.62	10.50	16.89	151.39	243.59	0.00	0.00	0.00	0.00	0.00	0.00	3.40	5.47	189.29	304.57
New Mexico	0.00	0.00	22.14	35.62	58.17	93.60	0.00	0.00	0.00	0.00	0.00	0.00	3.63	5.84	83.94	135.06
North Dakota	0.00	0.00	40.74	65.55	1,145.29	1,842.77	0.00	0.00	0.00	0.00	829.29	1,334.33	130.43	209.86	2,145.75	3,452.51
South Dakota	0.00	0.00	270.51	435.25	1,765.92	2,841.37	0.00	0.00	0.00	0.00	1,350.63	2,173.16	7.06	11.36	3,394.12	5,461.14
Utah	0.00	0.00	16.98	27.32	0.00	0.00	0.00	0.00	118.66	190.92	0.00	0.00	0.32	0.51	135.96	218.75
Wyoming	0.00	0.00	36.40	58.57	563.89	907.30	0.00	0.00	0.00	0.00	1,139.26	1,833.07	392.21	631.07	2,131.76	3,430.01
Total	628.30	1,010.94	1,573.73	2,532.13	7,536.54	12,126.32	852.71	1,372.01	330.54	531.83	5,467.48	8,797.18	936.20	1,506.34	17,325.50	27,876.75

¹ Includes .49 miles, or .79 kilometers, of the MLN-RDM-1 500-kV T-line located in Oregon.

Transmission Lines in Service as of Oct. 1, 2019



Transmission Line Age as of Oct. 1, 2019



Energy Resource and Disposition

	FY 2019	FY 2018
	In gigawatt-hours	In gigawatt-hours
ENERGY RESOURCE		
Net generation	34,053	32,984
Interchange		
Received ¹	102	126
Delivered	185	245
Net Interchange	(83)	(119)
Purchases		
Non-WAPA	5,551	5,692
WAPA	481	283
Purchases total	6,032	5,975
Energy resources total	40,002	38,840
ENERGY DISPOSITION		
Sales of electric energy		
WAPA sales ²	34,904	33,417
Project-use sales ³	3,881	3,456
Energy sales total	38,785	36,873
Other		
Interproject	506	307
Other deliveries/losses ⁴	418	600
Other total	924	907
Energy delivered total	39,709	37,780
System and contractual losses ⁵	293	1,060
Energy disposition total	40,002	38,840

¹ Loveland Area Projects includes 60 GWh energy returned from customers for pump storage.

² Central Arizona includes 998 GWh sales of Navajo Surplus Energy in excess of Central Arizona load.

³ Includes 2,401 GWh of project-use energy provided by the Central Arizona Water Conservation District per WAPA's agreement 11-DSR-12296 with the Bureau of Reclamation. The revenues are billed by Reclamation and are neither included in the sales and revenues tables in the Statistical Appendix nor the Annual Report. The energy is included in WAPA's net generation as it passes through WAPA's balancing authority, but the energy is not recorded as a sale of energy in the sales and revenues tables per the Statistical Appendix.

⁴ Energy used for pumping, pumping generation schedules (customers' use of pump storage) and Colorado-Big Thompson project pumping.

⁵ Difference between generated energy and delivered energy.

Capability and Net Generation by Project

Project	Number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
			July 1, 2019	July 1, 2018	FY 2019	FY 2018
Boulder Canyon	19	2,074	1,505	1,563	3,480	3,600
Central Arizona	3	574	546	547	3,399	3,392
Central Valley	38	2,139	1,357	1,622	4,925	4,171
Falcon-Amistad	5	98	98	98	159	163
Loveland Area Projects	39	830	808	767	2,316	2,309
Olmsted ⁴	4	12	12	0	31	0
Parker-Davis	9	315	315	315	1,293	1,349
Pick-Sloan Missouri Basin Program—Eastern Division	41	2,698	2,331	2,481	13,321	12,273
Provo River	2	5	5	5	22	23
Salt Lake City Area/Integrated Projects	24	1,821	1,675	1,767	5,096	5,692
Washoe	2	4	4	4	11	12
Total	186	10,570	8,656	9,169	34,053	32,984

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project-pumping energy.

⁴ The replacement Olmsted hydropower plant was completed in 2018. In FY 2018, generated energy was used only for testing purposes due to continued construction.

Capability and Net Generation by State

State	Number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
			July 1, 2019	July 1, 2018	FY 2019	FY 2018
Arizona ⁴	25	3,186	2,008	2,069	8,300	8,567
California	44	2,203	1,421	1,686	5,152	4,408
Colorado	22	728	698	729	1,642	1,717
Montana	12	485	492	476	2,478	2,651
Nevada ⁴	10	1,037	1,505	1,563	3,480	3,600
New Mexico	3	28	28	27	48	40
North Dakota	5	583	465	582	3,061	3,171
South Dakota	26	1,755	1,477	1,486	8,229	7,033
Texas	5	98	98	98	159	163
Utah	9	169	169	157	557	652
Wyoming	25	298	295	296	947	982
Total	186	10,570	8,656	9,169	34,053	32,984

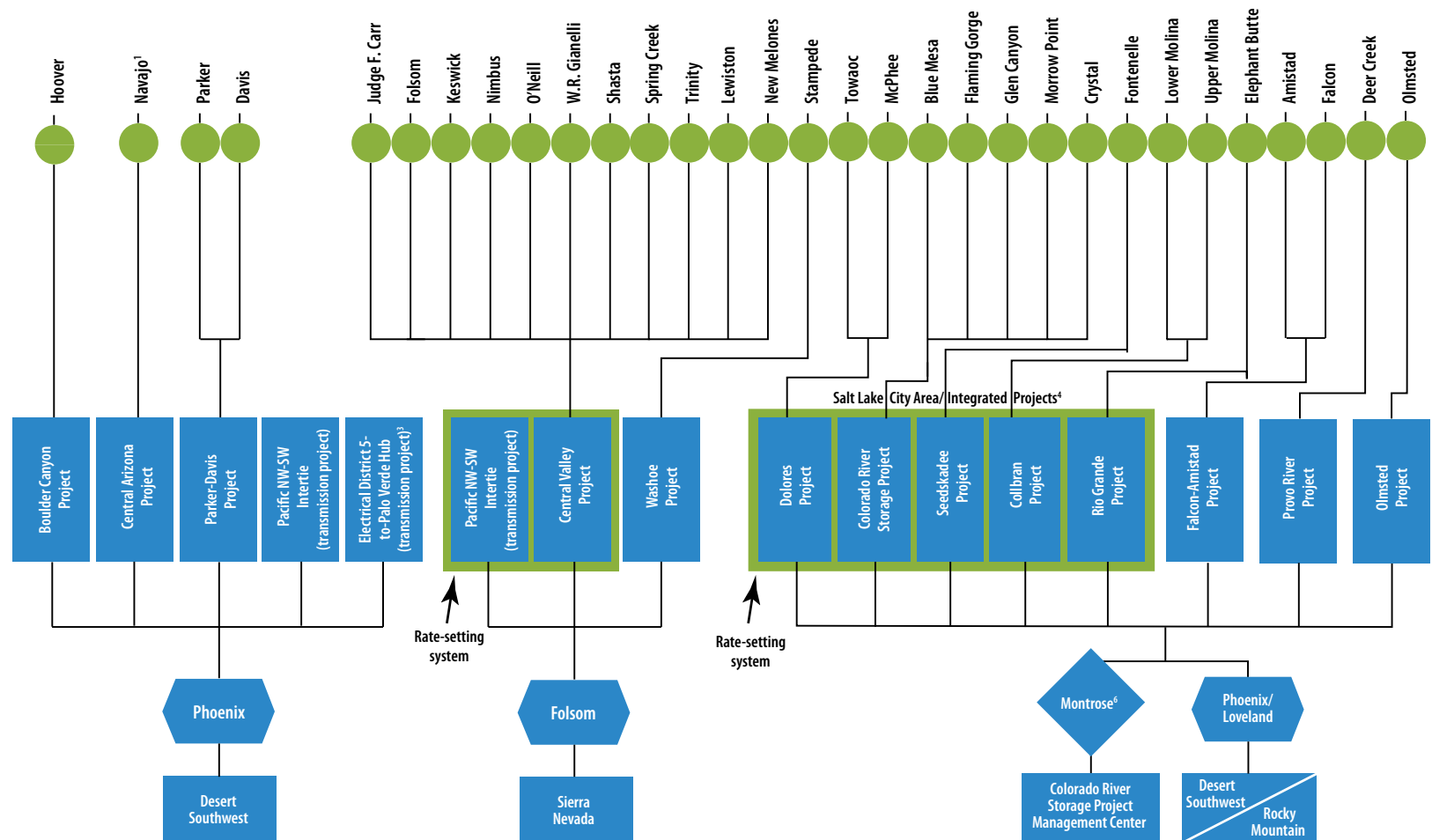
¹ Installed capacity is the maximum generating capability of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.







² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project-pumping energy.

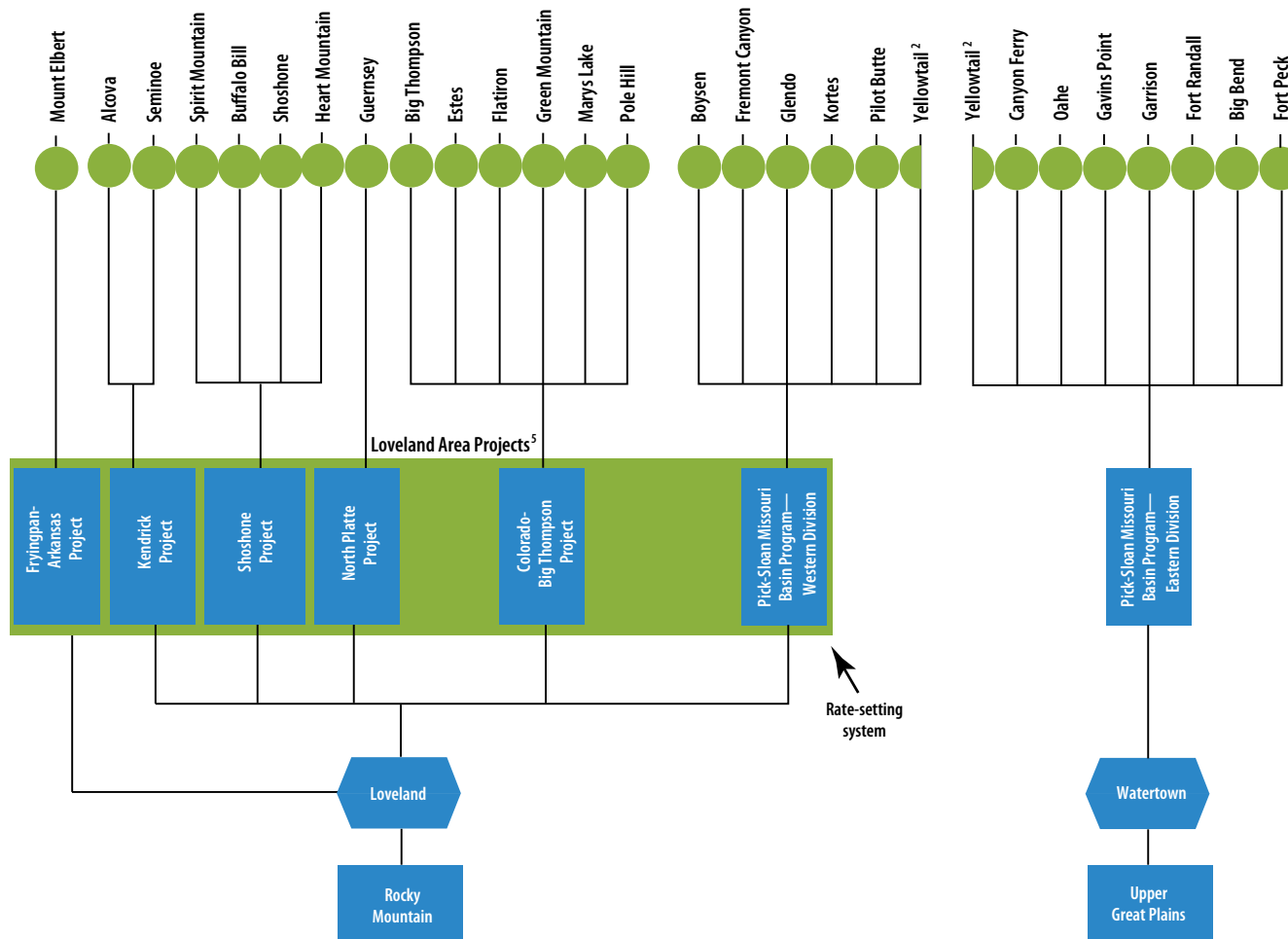
⁴ Hoover is on the border between Arizona and Nevada. The installed capacity is split 50% between the two states. 100% of the generation is reported in Nevada, since all generation is delivered to Mead Substation located in Nevada.

POWER MARKETING SYSTEM



-  Power resources
-  Project or power system
-  Balancing authority (dispatch center)
-  Billing/marketing office
-  Rate-setting system
-  Colorado River Storage Project Energy Marketing and Management Office

POWER MARKETING SYSTEM



¹ Coal-fired powerplant. In 2017, the entities which share ownership in the Navajo Generating Station voted to close the plant by the end of calendar year 2019. The plant ceased generating on Nov. 19, 2019.

² Generation from Units 1 and 2 is marketed by the Rocky Mountain region; generation from Units 3 and 4 is marketed by the Upper Great Plains region. Yellowtail is controlled by Rocky Mountain.

³ The facility-use charge for the Electrical District 5-to-Palo Verde Hub transmission project provides the sole source of revenue for repayment of the project.

⁴ These resources are integrated for marketing and operation purposes.

⁵ These resources are integrated for marketing and operation purposes. However, the Colorado-Big Thompson, Kendrick, North Platte and Shoshone projects, as well as the Pick-Sloan Missouri Basin Program (Eastern and Western divisions), are integrated for repayment purposes.

⁶ Power marketed from Salt Lake City Area/Integrated Projects resources and Loveland Area Projects.

POWERPLANTS as of Sept. 30, 2019

Powerplants

Project/state/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
BOULDER CANYON									
Arizona-Nevada									
Hoover ⁴	Reclamation	Colorado	Sep 1936	19	2,074	1,505	1,563	3,480	3,600
Boulder Canyon total				19	2,074	1,505	1,563	3,480	3,600
CENTRAL ARIZONA									
Arizona									
Navajo ⁵	SRP	N/A	May 1974	3	574	546	547	3,399	3,392
Central Arizona total				3	574	546	547	3,399	3,392
CENTRAL VALLEY									
California									
Folsom	Reclamation	American	May 1955	3	207	190	180	723	641
J.F. Carr	Reclamation	Clear Creek Tunnel	May 1963	2	154	70	140	228	213
Keswick	Reclamation	Sacramento	Oct 1949	3	117	55	72	352	331
Lewiston	Reclamation	Trinity	Feb 1964	1	1	0	0	3	2
New Melones	Reclamation	Stanislaus	Jun 1979	2	384	300	315	688	527
Nimbus	Reclamation	American	May 1955	2	15	10	10	35	66
O'Neill ⁶	Reclamation	San Luis Creek	Dec 1967	6	25	0	1	2	2
Shasta ⁷	Reclamation	Sacramento	Jun 1944	7	714	522	560	2,227	1,834
Spring Creek	Reclamation	Spring Creek Tunnel	Feb 1964	2	180	160	160	339	127
Trinity ³	Reclamation	Trinity	Feb 1964	2	140	50	120	239	288
W.R. Gianelli ^{6,8}	CDWR	San Luis Creek	Mar 1968	8	202	0	64	89	140
Central Valley total				38	2,139	1,357	1,622	4,925	4,171
FALCON-AMISTAD									
Texas									
Amista ^{9,10}	IBWC	Rio Grande	Jun 1983	2	66	66	66	99	96
Falcon ^{9,10}	IBWC	Rio Grande	Oct 1954	3	32	32	32	60	67
Falcon-Amistad total				5	98	98	98	159	163
LOVELAND AREA PROJECTS									
Colorado									
Big Thompson	Reclamation	Trans-Mtn. Div.	Apr 1959	1	5	5	5	8	1
Estes	Reclamation	Trans-Mtn. Div.	Sep 1950	3	45	45	45	135	110
Flatiron ^{6,11}	Reclamation	Trans-Mtn. Div.	Jan 1954	3	95	98	96	276	210
Green Mountain	Reclamation	Blue	May 1943	2	26	26	26	59	38
Marys Lake	Reclamation	Trans-Mtn. Div.	May 1951	1	8	8	8	48	38
Mount Elbert ⁶	Reclamation	Arkansas	Oct 1981	2	200	206	200	233	273
Pole Hill	Reclamation	Trans-Mtn. Div.	Jan 1954	1	38	32	38	220	142
Montana									
Yellowtail ¹²	Reclamation	Big Horn	Aug 1966	2	125	103	63	447	582

POWERPLANTS as of Sept. 30, 2019

Powerplants, continued

Project/state/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity¹ FY 2019 (MW)	Actual operating capability (MW)²		Net generation (GWh)³	
						July 1, 2019	July 1, 2018	FY2019	FY2018
Wyoming									
Alcova	Reclamation	North Platte	Jul 1955	2	41	41	41	94	108
Boysen	Reclamation	Big Horn	Aug 1952	2	15	15	15	69	78
Buffalo Bill	Reclamation	Shoshone	May 1995	3	18	18	18	88	122
Fremont Canyon	Reclamation	North Platte	Dec 1960	2	67	67	67	185	238
Glendo	Reclamation	North Platte	Dec 1958	2	38	38	38	85	77
Guernsey	Reclamation	North Platte	Jul 1928	2	6	6	6	20	16
Heart Mountain	Reclamation	Shoshone	Dec 1948	1	5	5	5	22	22
Kortes	Reclamation	North Platte	Jun 1950	3	36	36	36	151	114
Pilot Butte¹³	Reclamation	Wind	Jan 1999	2	2	0	0	0	0
Seminole	Reclamation	North Platte	Aug 1939	3	52	51	52	141	105
Shoshone	Reclamation	Shoshone	May 1995	1	3	3	3	18	20
Spirit Mountain	Reclamation	Shoshone	May 1995	1	5	5	5	17	15
Loveland Area Projects total				39	830	808	767	2,316	2,309
OLMSTED									
Utah									
Olmsted¹⁴	CUWCD	Provo	Sep 2018	4	12	12	0	31	0
Olmsted total				4	12	12	0	31	0
PARKER-DAVIS									
Arizona									
Davis	Reclamation	Colorado	Jan 1951	5	255	255	255	1,077	1,124
California									
Parker⁹	Reclamation	Colorado	Dec 1942	4	60	60	60	216	225
Parker-Davis total				9	315	315	315	1,293	1,349
PICK-SLOAN MISSOURI BASIN PROGRAM—EASTERN DIVISION									
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 1953	3	50	52	53	367	361
Fort Peck	Corps	Missouri	Jul 1943	5	185	195	218	1,218	1,126
Yellowtail¹²	Reclamation	Big Horn	Aug 1966	2	125	142	142	446	582
North Dakota									
Garrison	Corps	Missouri	Jan 1956	5	583	465	582	3,061	3,171
South Dakota									
Big Bend	Corps	Missouri	Oct 1964	8	517	323	344	1,411	1,168
Fort Randall	Corps	Missouri	Mar 1954	8	320	320	280	2,121	1,730
Gavins Point	Corps	Missouri	Sep 1956	3	132	80	120	672	754
Oahe	Corps	Missouri	Apr 1962	7	786	754	742	4,025	3,381
Pick-Sloan Missouri Basin Program— Eastern Division total				41	2,698	2,331	2,481	13,321	12,273

POWERPLANTS as of Sept. 30, 2019

Powerplants, continued

Project/state/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity¹ FY 2019 (MW)	Actual operating capability (MW)²		Net generation (GWh)³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
PROVO RIVER									
Utah									
Deer Creek	PRWUA	Provo	Feb 1958	2	5	5	5	22	23
Provo River total				2	5	5	5	22	23
SALT LAKE CITY AREA/INTEGRATED PROJECTS									
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 1964	8	1,320	1,207	1,267	3,824	4,051
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 1967	2	86	53	86	166	238
Crystal	Reclamation	Gunnison	Sep 1978	1	32	32	32	134	181
Lower Molina	Reclamation	Pipeline	Dec 1962	1	6	6	6	17	8
McPhee	Reclamation	Dolores	Jun 1993	1	1	1	1	4	3
Morrow Point	Reclamation	Gunnison	Dec 1970	2	165	165	165	297	450
Towaoc	Reclamation	Canal	Jun 1993	1	11	11	11	17	11
Upper Molina	Reclamation	Pipeline	Dec 1962	1	10	10	10	28	14
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 1940	3	28	28	27	48	40
Utah									
Flaming Gorge	Reclamation	Green	Nov 1963	3	152	152	152	504	629
Wyoming									
Fontenelle	Reclamation	Green	May 1968	1	10	10	10	57	67
Salt Lake City Area/ Integrated Projects total				24	1,821	1,675	1,767	5,096	5,692
WASHOE									
California									
Stampede	Reclamation	Little Truckee	Dec 1986	2	4	4	4	11	12
Washoe total				2	4	4	4	11	12
WAPA total				186	10,570	8,656	9,169	34,053	32,984

¹ Installed capacity is the maximum generating capability of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy. Trinity generation includes generation from Lewiston.

⁴ Excludes 4.8 MW reserved for plant use but included in number of units.

⁵ Coal-fired powerplant. Federal share (24.3%) of 2,250 MW plant capability. In 2017, the entities which share ownership in the Navajo Generating Station voted to close the plant by the end of calendar year 2019. The plant ceased generating on Nov. 19, 2019.

⁶ Pump/generating plant.

⁷ Total number of units includes two station service units. Station service units' capacity is not included.

⁸ Federal share (47.67%) of plant capability.

⁹ Federal share (50%) of plant capability.

¹⁰ Actual operating capability is based on average hourly generation for the month.

¹¹ Only Unit 3 has pump/generation capability.

¹² RM and UGP each market half of the plant capability and energy. Normal sustained maximum capacity of each unit is 62.5 MW but units may be evaluated for higher output on a case-by-case basis.

¹³ Plant mothballed due to repair cost but not decommissioned.

¹⁴ The replacement Olmsted hydropower plant was completed in 2018. In FY 2018, generated energy was used only for testing purposes due to continued construction.

Operating agencies:

Reclamation - Bureau of Reclamation, Department of the Interior

CDWR - California Department of Water Resources

IBWC - International Boundary and Water Commission, Department of State

PRWUA - Provo River Water Users Association

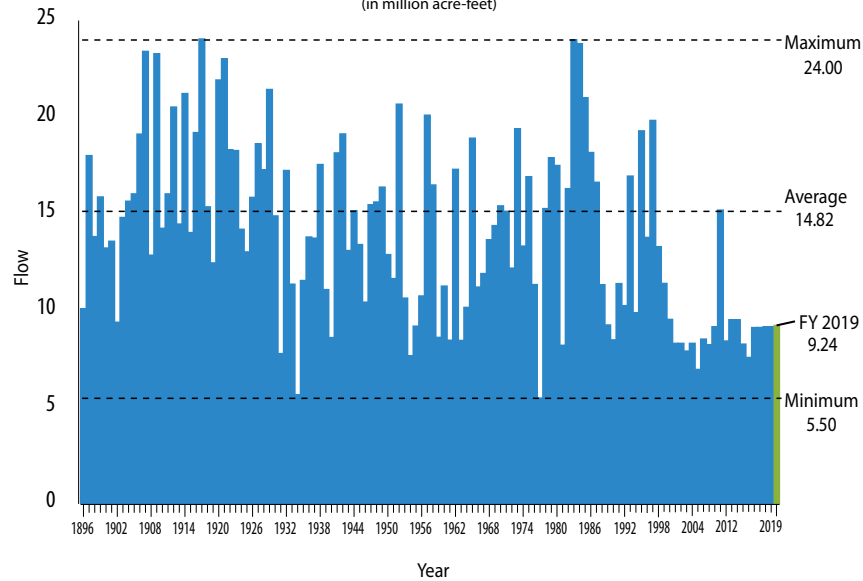
SRP - Salt River Project

CUWCD - Central Utah Water Conservancy District

HISTORICAL FLOWS

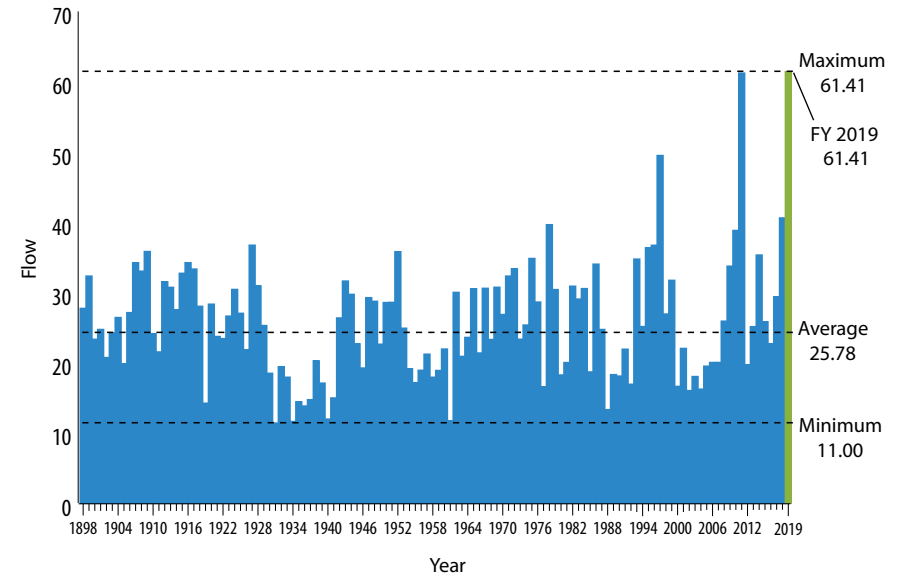
Colorado River Flow at Lees Ferry, Arizona

(in million acre-feet)



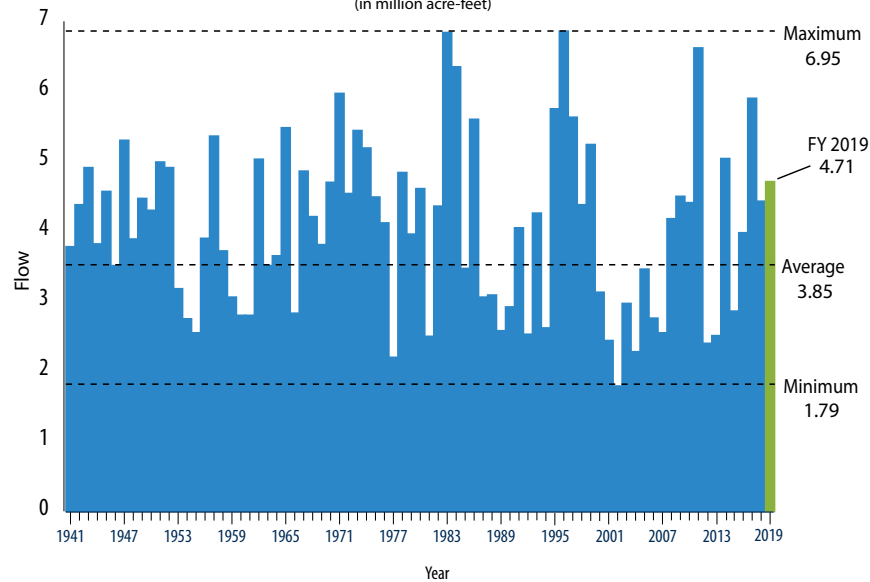
Missouri River Flow at Sioux City, Iowa

(in million acre-feet)



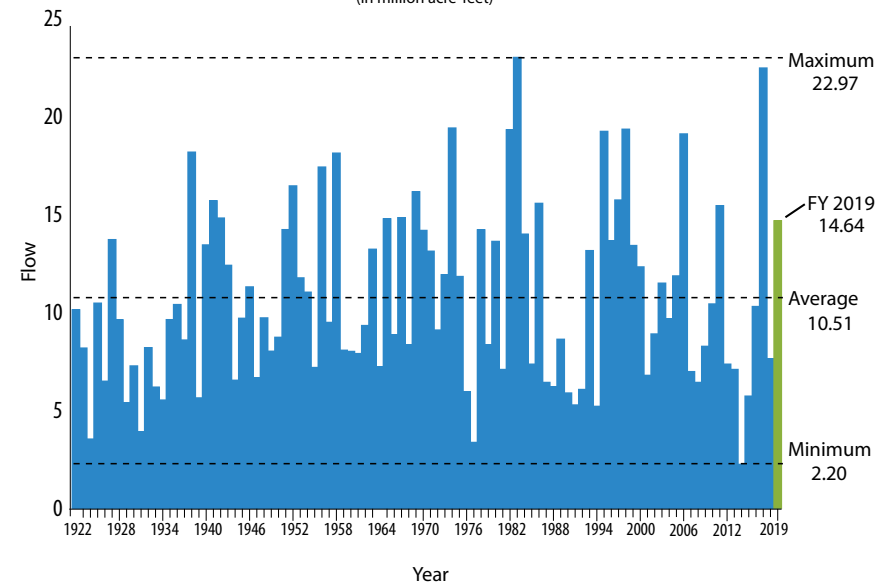
Big Thompson, North Platte and Bighorn River Basins

(in million acre-feet)



Sacramento and San Joaquin Rivers
Annual Flow to Trinity, Shasta, Folsom and New Melones Reservoirs

(in million acre-feet)

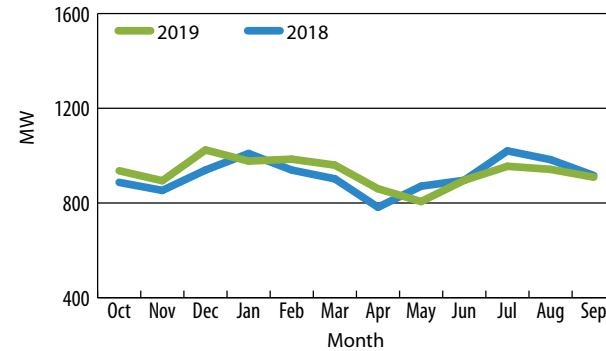


PEAK FIRM LOADS

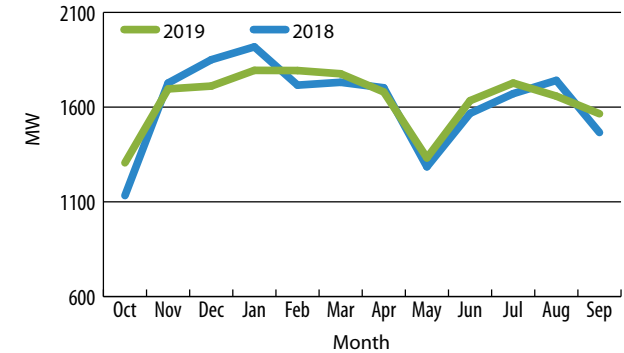
These graphs show monthly regional coincident peak firm loads, except that Sierra Nevada loads may not be coincident with the load-management loads. Amounts for Desert Southwest and Rocky Mountain regions exclude Salt Lake City Area/Integrated Projects loads. They are included in the Colorado River Storage Project Management Center amounts.

Our fiscal year 2019 coincident firm and contingent peak load was 6,341 MW. The peak occurred on July 31, 2019.

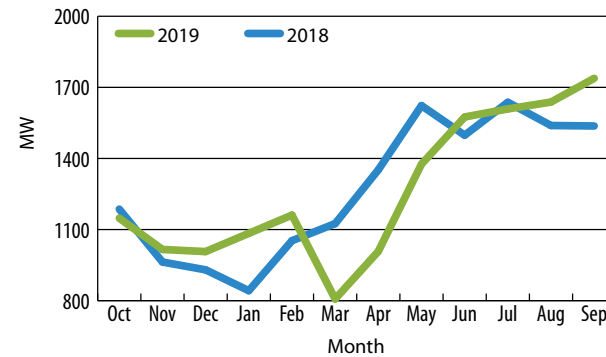
Colorado River Storage Project Management Center



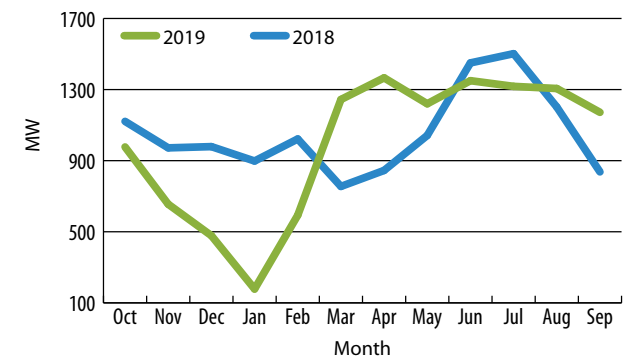
Upper Great Plains



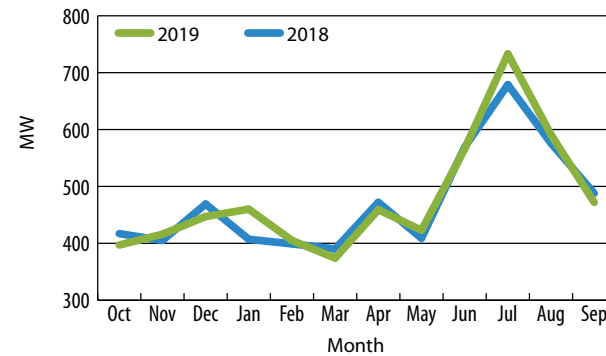
Desert Southwest



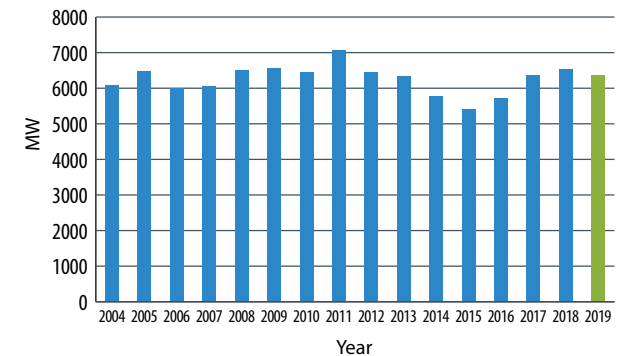
Sierra Nevada



Rocky Mountain



Annual Coincident Peak Firm Load



Combined Power Sales and Revenues by Project

Project	FY 2019		FY 2018	
	Energy (MWh)	Revenues (\$)	Energy (MWh)	Revenues (\$)
Boulder Canyon	3,522,045	69,741,660	3,489,820	76,910,192
Central Arizona	997,545	63,469,123	1,292,341	66,109,977
Central Valley	7,128,912	232,299,796	6,999,007	255,849,560
Falcon-Amistad	159,486	3,817,608	162,651	5,973,468
Loveland Area Projects	2,945,916	75,532,210	2,545,762	73,098,080
Olmsted ¹	30,912	252,293	0	0
Parker-Davis	1,422,162	17,459,654	1,422,409	16,453,540
Pick-Sloan Missouri Basin Program—Eastern Division	13,905,617	315,962,415	12,586,729	314,874,918
Provo River	18,410	276,436	19,062	394,171
Salt Lake City Area/Integrated Projects	6,746,668	195,695,749	6,551,049	194,150,342
Washoe	11,491	214,634	11,643	198,670
WAPA total²	36,889,164	974,721,578	35,080,473	1,004,012,918

¹ In FY 2018, generated energy was used only for testing purposes due to continued construction.

² Power revenues as presented in this table are \$124.2 million greater than the FY 2019 sales of electric power revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$62.5 million revenues in Central Arizona classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues; \$11.1 million for the Basin Electric Power Cooperative make whole payment; \$4.4 million in project-use revenues; -\$9.6 million in eliminations entries; and \$10.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

Combined Power Sales and Revenues by Customer Category

Customer category	FY 2019		FY 2018	
	Energy (MWh)	Revenues (\$)	Energy (MWh)	Revenues (\$)
Municipalities	9,351,844	246,198,339	8,899,058	247,930,251
Cooperatives	7,308,082	197,382,055	7,232,668	205,370,201
Public utility districts	3,609,373	131,934,784	4,246,940	174,647,057
Federal agencies	1,481,172	40,524,770	1,366,798	35,908,811
State agencies	3,414,620	105,762,155	3,512,062	110,631,477
Irrigation districts	1,918,834	38,102,021	1,988,870	39,547,314
Native American tribes	1,241,388	32,215,975	1,249,741	32,872,105
Investor-owned utilities	459,561	11,768,809	303,505	11,114,531
Power marketers	459,985	19,147,173	374,035	10,830,920
Joint power authorities	893,381	19,428,171	728,835	19,684,119
Independent system operator corporations	4,736,598	86,593,806	3,499,474	76,083,532
Transportation districts	28,941	519,461	15,269	388,674
Subtotal	34,903,779	929,577,519	33,417,255	965,008,992
Interproject	505,563	8,431,956	307,347	6,204,577
Project use	1,479,822	36,712,103	1,355,871	32,799,349
WAPA total¹	36,889,164	974,721,578	35,080,473	1,004,012,918

¹ Power revenues as presented in this table are \$124.2 million greater than the FY 2019 sales of electric power revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$62.5 million revenues in Central Arizona classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues; \$11.1 million for the Basin Electric Power Cooperative make whole payment; \$4.4 million in project-use revenues; -\$9.6 million in eliminations entries; and \$10.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

POWER SALES

Power Sales and Revenues by State and Customer Category (FY 2019)

State	Municipalities	Cooperatives	Public utility districts	Federal agencies	State agencies	Irrigation districts	Native American tribes	Investor-owned utilities	Power marketers	Joint power authorities	Independent system operator corporations	Transportation districts	Interproject	Project use	Total
Arizona															
Energy sales (MWh)	258,065	168,534	0	195,130	1,468,646	706,144	743,982	55,901	95	0	0	0	30,132	182,452	3,809,081
Power revenues (\$)	6,004,932	3,034,870	0	2,779,382	63,720,856	19,644,478	20,124,227	1,202,091	760	0	0	0	735,641	2,230,881	119,478,118
Arkansas															
Energy sales (MWh)	0	0	0	0	0	0	0	0	0	0	4,523,123	0	0	0	4,523,123
Power revenues (\$)	0	0	0	0	0	0	0	0	0	0	76,248,775	0	0	0	76,248,775
California															
Energy sales (MWh)	1,940,139	2,734	2,444,246	976,544	299,363	1,207,328	66,141	186,114	262,213	877,133	213,034	28,941	0	1,160,735	9,664,665
Power revenues (\$)	49,321,627	53,781	98,253,184	29,785,579	10,358,421	18,060,049	1,161,776	7,745,442	10,003,854	18,919,882	10,330,899	519,461	0	31,800,000	286,313,955
Colorado															
Energy sales (MWh)	1,273,858	2,662,719	0	52,653	0	0	6,072	27,920	2,394	0	0	0	7,555	19,252	4,052,423
Power revenues (\$)	35,771,671	78,983,500	0	1,341,469	0	0	175,999	446,195	24,681	0	0	0	221,562	510,234	117,475,311
Indiana															
Energy sales (MWh)	0	0	0	0	0	0	0	0	0	0	441	0	0	0	441
Power revenues (\$)	0	0	0	0	0	0	0	0	0	0	14,132	0	0	0	14,132
Iowa															
Energy sales (MWh)	684,567	497,327	0	0	0	0	0	0	0	0	0	0	0	0	1,181,894
Power revenues (\$)	16,637,052	11,629,482	0	0	0	0	0	0	0	0	0	0	0	0	28,266,534
Kansas															
Energy sales (MWh)	110,671	108,893	0	0	0	0	23,579	0	0	14,718	0	0	0	708	258,569
Power revenues (\$)	3,391,738	2,710,687	0	0	0	0	749,354	0	0	468,079	0	0	0	1,770	7,321,628
Minnesota															
Energy sales (MWh)	1,418,723	575,197	0	0	35,371	0	22,757	198	0	0	0	0	0	0	2,052,246
Power revenues (\$)	32,372,506	13,684,688	0	0	790,998	0	546,153	5,750	0	0	0	0	0	0	47,400,095
Montana															
Energy sales (MWh)	0	386,388	0	17,751	15,721	2,603	81,268	12,104	62	0	0	0	15	21,830	537,742
Power revenues (\$)	0	8,940,818	0	531,227	348,751	66,766	1,950,382	260,676	777	0	0	0	546	58,151	12,158,094
Nebraska															
Energy sales (MWh)	696,420	0	1,111,239	0	133,618	174	24,810	0	30	0	0	0	0	1,251	1,967,542
Power revenues (\$)	20,119,045	0	33,488,245	0	3,016,377	6,230	595,328	0	750	0	0	0	0	3,792	57,229,767
Nevada															
Energy sales (MWh)	59,787	0	0	25,670	1,189,803	0	4,208	0	0	1,530	0	0	0	0	1,280,998
Power revenues (\$)	925,018	0	0	316,500	21,030,903	0	111,493	0	0	40,210	0	0	0	0	22,424,124

POWER SALES

Power Sales and Revenues by State and Customer Category (FY 2019), continued

State	Municipalities	Cooperatives	Public utility districts	Federal agencies	State agencies	Irrigation districts	Native American tribes	Investor-owned utilities	Power marketers	Joint power authorities	Independent system operator corporations	Transportation districts	Interproject	Project use	Total
New Mexico															
Energy sales (MWh)	509,964	50,024	0	101,069	0	0	38,578	15,277	0	0	0	0	0	79,483	794,395
Power revenues (\$)	18,021,679	1,214,234	0	2,802,323	0	0	1,111,120	498,636	0	0	0	0	0	2,005,390	25,653,382
North Dakota															
Energy sales (MWh)	191,310	1,239,793	1,252	0	105,866	953	84,084	0	19,456	0	0	0	0	3,916	1,646,630
Power revenues (\$)	4,452,037	35,651,417	35,136	0	2,581,167	18,814	2,017,023	0	1,331,498	0	0	0	0	48,685	46,135,777
South Dakota															
Energy sales (MWh)	698,092	953,850	52,636	49,520	148,711	0	137,028	154,217	0	0	0	0	0	1,222	2,195,276
Power revenues (\$)	16,874,626	22,518,794	158,219	1,117,102	3,445,542	0	3,404,173	1,378,701	0	0	0	0	0	30,767	48,927,924
Texas															
Energy sales (MWh)	0	159,486	0	0	0	0	0	0	173,856	0	0	0	0	0	333,342
Power revenues (\$)	0	3,817,608	0	0	0	0	0	0	7,758,767	0	0	0	0	0	11,576,375
Utah															
Energy sales (MWh)	1,428,050	502,542	0	31,089	17,521	1,499	2,900	7,830	1,879	0	0	0	467,861	0	2,461,171
Power revenues (\$)	39,823,517	15,125,824	0	882,328	469,140	302,041	83,754	231,318	26,086	0	0	0	7,474,207	0	64,418,215
Wyoming															
Energy sales (MWh)	82,198	595	0	31,746	0	133	5,981	0	0	0	0	0	0	8,973	129,626
Power revenues (\$)	2,482,891	16,352	0	968,860	0	3,643	185,193	0	0	0	0	0	0	22,433	3,679,372
WAPA total															
Energy sales (MWh)	9,351,844	7,308,082	3,609,373	1,481,172	3,414,620	1,918,834	1,241,388	459,561	459,985	893,381	4,736,598	28,941	505,563	1,479,822	36,889,164
Power revenues (\$) ¹	246,198,339	197,382,055	131,934,784	40,524,770	105,762,155	38,102,021	32,215,975	11,768,809	19,147,173	19,428,171	86,593,806	519,461	8,431,956	36,712,103	974,721,578

¹ Power revenues as presented in this table are \$124.2 million greater than the FY 2019 sales of electric power revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$62.5 million revenues in Central Arizona classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues; \$11.1 million for the Basin Electric Power Cooperative make whole payment; \$4.4 million in project-use revenues; -\$9.6 million in eliminations entries; and \$10.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

POWER SALES

Power Sales and Revenues by Project

Project	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Boulder Canyon						
Energy sales (MWh)	3,522,045	0	3,522,045	3,489,820	0	3,489,820
Power revenues (\$)	69,741,660	0	69,741,660	76,910,192	0	76,910,192
Central Arizona						
Energy sales (MWh)	0	996,921	996,921	0	1,270,036	1,270,036
Power revenues (\$)	0	63,437,299	63,437,299	0	65,279,336	65,279,336
Central Valley						
Energy sales (MWh)	5,685,054	283,123	5,968,177	5,761,354	209,406	5,970,760
Power revenues (\$)	185,810,160	14,689,636	200,499,796	216,367,619	11,681,937	228,049,556
Falcon-Amistad						
Energy sales (MWh)	159,486	0	159,486	162,651	0	162,651
Power revenues (\$)	3,817,608	0	3,817,608	5,973,468	0	5,973,468
Loveland Area Projects						
Energy sales (MWh)	2,039,498	405,658	2,445,156	2,081,576	200,914	2,282,490
Power revenues (\$)	64,083,607	3,534,489	67,618,096	67,180,071	2,089,895	69,269,966
Olmsted¹						
Energy sales (MWh)	30,912	0	30,912	0	0	0
Power revenues (\$)	252,293	0	252,293	0	0	0
Parker-Davis						
Energy sales (MWh)	1,239,710	0	1,239,710	1,242,768	0	1,242,768
Power revenues (\$)	15,228,773	0	15,228,773	14,363,196	0	14,363,196
Provo River						
Energy sales (MWh)	18,410	0	18,410	19,062	0	19,062
Power revenues (\$)	276,436	0	276,436	394,171	0	394,171
Pick-Sloan Missouri Basin Program—Eastern Division						
Energy sales (MWh)	8,999,128	4,876,185	13,875,313	9,001,003	3,551,074	12,552,077
Power revenues (\$)	228,967,415	86,797,626	315,765,041	240,316,718	74,364,695	314,681,413
Salt Lake City Area/Integrated Projects						
Energy sales (MWh)	6,001,710	634,448	6,636,158	5,956,320	459,628	6,415,948
Power revenues (\$)	172,359,244	20,366,639	192,725,883	172,806,136	17,082,888	189,889,024
Washoe						
Energy sales (MWh)	11,491	0	11,491	11,643	0	11,643
Power revenues (\$)	214,634	0	214,634	198,670	0	198,670
WAPA subtotal						
Energy sales (MWh)	27,707,444	7,196,335	34,903,779	27,726,197	5,691,058	33,417,255
Power revenues (\$)	740,751,830	188,825,689	929,577,519	794,510,241	170,498,751	965,008,992
Interproject						
Energy sales (MWh)	0	505,563	505,563	0	307,347	307,347
Power revenues (\$)	0	8,431,956	8,431,956	0	6,204,577	6,204,577
Project use						
Energy sales (MWh)	1,479,815	7	1,479,822	1,355,871	0	1,355,871
Power revenues (\$)	36,709,705	2,398	36,712,103	32,799,349	0	32,799,349
WAPA total						
Energy sales (MWh)	29,187,259	7,701,905	36,889,164	29,082,068	5,998,405	35,080,473
Power revenues (\$) ²	777,461,535	197,260,043	974,721,578	827,309,590	176,703,328	1,004,012,918

¹ In FY 2018, generated energy was used only for testing purposes due to continued construction.

² Power revenues as presented in this table are \$124.2 million greater than the FY 2019 sales of electric power revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$62.5 million revenues in Central Arizona classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues; \$11.1 million for the Basin Electric Power Cooperative make whole payment; \$4.4 million in project-use revenues; -\$9.6 million in eliminations entries; and \$10.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

POWER SALES

Power Sales and Revenues by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities						
Energy sales (MWh)	8,876,420	475,424	9,351,844	8,495,081	403,977	8,899,058
Power revenues (\$)	229,547,313	16,651,026	246,198,339	232,116,605	15,813,646	247,930,251
Cooperatives						
Energy sales (MWh)	7,106,759	201,323	7,308,082	7,093,289	139,379	7,232,668
Power revenues (\$)	194,908,537	2,473,518	197,382,055	202,792,867	2,577,334	205,370,201
Public utility districts						
Energy sales (MWh)	3,529,882	79,491	3,609,373	4,219,134	27,806	4,246,940
Power revenues (\$)	131,643,987	290,797	131,934,784	172,647,368	1,999,689	174,647,057
Federal agencies						
Energy sales (MWh)	1,443,718	37,454	1,481,172	1,320,724	46,074	1,366,798
Power revenues (\$)	39,339,636	1,185,134	40,524,770	34,524,517	1,384,294	35,908,811
State agencies						
Energy sales (MWh)	3,038,063	376,557	3,414,620	3,026,371	485,691	3,512,062
Power revenues (\$)	65,172,521	40,589,634	105,762,155	67,042,910	43,588,567	110,631,477
Irrigation districts						
Energy sales (MWh)	1,392,776	526,058	1,918,834	1,435,163	553,707	1,988,870
Power revenues (\$)	22,206,283	15,895,738	38,102,021	24,645,773	14,901,541	39,547,314
Native American tribes						
Energy sales (MWh)	1,218,115	23,273	1,241,388	1,239,501	10,240	1,249,741
Power revenues (\$)	31,479,760	736,215	32,215,975	32,601,362	270,743	32,872,105
Investor-owned utilities						
Energy sales (MWh)	180,919	278,642	459,561	130,218	173,287	303,505
Power revenues (\$)	6,546,371	5,222,438	11,768,809	7,222,630	3,891,901	11,114,531
Power marketers						
Energy sales (MWh)	0	459,985	459,985	0	374,035	374,035
Power revenues (\$)	0	19,147,173	19,147,173	0	10,830,920	10,830,920
Joint power authorities						
Energy sales (MWh)	891,851	1,530	893,381	723,234	5,601	728,835
Power revenues (\$)	19,387,961	40,210	19,428,171	19,454,187	229,932	19,684,119
Independent system operator corporations						
Energy sales (MWh)	0	4,736,598	4,736,598	28,213	3,471,261	3,499,474
Power revenues (\$)	0	86,593,806	86,593,806	1,073,348	75,010,184	76,083,532
Transportation districts						
Energy sales (MWh)	28,941	0	28,941	15,269	0	15,269
Power revenues (\$)	519,461	0	519,461	388,674	0	388,674
WAPA subtotal						
Energy sales (MWh)	27,707,444	7,196,335	34,903,779	27,726,197	5,691,058	33,417,255
Power revenues (\$)	740,751,830	188,825,689	929,577,519	794,510,241	170,498,751	965,008,992
Interproject						
Energy sales (MWh)	0	505,563	505,563	0	307,347	307,347
Power revenues (\$)	0	8,431,956	8,431,956	0	6,204,577	6,204,577
Project use						
Energy sales (MWh)	1,479,815	7	1,479,822	1,355,871	0	1,355,871
Power revenues (\$)	36,709,705	2,398	36,712,103	32,799,349	0	32,799,349
WAPA total						
Energy sales (MWh)	29,187,259	7,701,905	36,889,164	29,082,068	5,998,405	35,080,473
Power revenues (\$) ¹	777,461,535	197,260,043	974,721,578	827,309,590	176,703,328	1,004,012,918

¹ Power revenues as presented in this table are \$124.2 million greater than the FY 2019 sales of electric power revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$62.5 million revenues in Central Arizona classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues; \$11.1 million for the Basin Electric Power Cooperative make whole payment; \$4.4 million in project-use revenues; -\$9.6 million in eliminations entries; and \$10.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

Transmission and Other Operating Revenues by Project

Project	FY 2019 ¹	FY 2018
	Revenues (\$)	Revenues (\$)
Transmission Service		
Central Arizona	8,391,977	10,487,924
Central Valley	31,216,266	31,281,988
Electrical District 5-to-Palo Verde	8,045,488	7,532,958
Loveland Area Projects	60,852,307	55,061,060
Pacific NW-SW Intertie Project	29,590,804	32,292,404
Parker-Davis	47,277,731	43,262,700
Pick-Sloan Missouri Basin Program—Eastern Division	143,787,982	148,929,852
Salt Lake City Area/Integrated Projects	21,775,400	19,840,800
Transmission services subtotal	350,937,955	348,689,686
Ancillary Service		
Boulder Canyon	1,241,453	1,606,460
Central Arizona	26,027	72,367
Central Valley	5,216,360	5,542,321
Loveland Area Projects	16,352,984	18,748,609
Pacific NW-SW Intertie Project	97,782	160,661
Parker-Davis	483,923	609,638
Pick-Sloan Missouri Basin Program—Eastern Division	11,049,653	11,248,702
Salt Lake City Area/Integrated Projects	2,698,752	3,454,360
Ancillary services subtotal	37,166,934	41,443,118
Other operating revenues ²	71,734,606	97,816,344
Transmission and other operating revenues total	459,839,495	487,949,148

¹ Transmission and other operating revenues as presented in this table are \$38.2 million less than the FY 2019 transmission and other operating revenues presented in the combined power system statements of revenues and expenses and accumulated net revenues due to the following: \$59.1 million related to the generating agencies; \$0.4 million in reliability sales; \$12.2 million in transmission losses; \$0.2 million in network transmission service; \$0.8 million in cost of ownership changes; -\$4.6 million in Electrical District 5 revenues classified as Transmission Infrastructure Program activities in WAPA's FY 2019 combined power system statements of revenues and expenses and accumulated net revenues; -\$26.1 million in Central Arizona revenues classified as other activities in WAPA's FY 2019 combined power system statements of revenues and expenses and accumulated net revenues; -\$9.5 million in eliminations; \$5.7 million in variances between revenue accrual estimates and actual revenues along with other miscellaneous minor transactions.

² Other operating revenues during FY 2019 is comprised of the following: \$41.2 million in California Independent System Operator surcharges and resource adequacy fees; \$10.1 million in rental income; \$0.6 million in late charges; \$2.5 million in support services; \$2 million in scheduling; \$0.5 million in Western Replacement Power; \$0.8 million in portfolio management; \$2.6 million in facility use charges; and \$11.4 million in other miscellaneous minor transactions.

PURCHASED POWER

Purchased Power by Project

Project and source	FY 2019 ¹		FY 2018	
	Energy (MWh)	Cost (\$ in thousands)	Energy (MWh)	Cost (\$ in thousands)
Central Valley				
Non-WAPA	2,625,411	119,057	3,383,143	147,638
WAPA	0	0	0	0
Central Valley total	2,625,411	119,057	3,383,143	147,638
Loveland Area Projects				
Non-WAPA	362,300	10,813	520,276	14,038
WAPA	7,477	218	18,341	648
Loveland Area Projects total	369,777	11,031	538,617	14,686
Parker-Davis				
Non-WAPA	241,329	12,420	135,234	7,201
WAPA	29,508	704	10,617	656
Parker-Davis total	270,837	13,124	145,851	7,857
Pick-Sloan Missouri Basin Program—Eastern Division				
Non-WAPA	759,978	26,249	617,691	16,756
WAPA	16	1	0	0
Pick-Sloan Missouri Basin Program—Eastern Division total	759,994	26,250	617,691	16,756
Salt Lake City Area/Integrated Projects				
Non-WAPA	1,562,000	52,382	1,035,362	29,550
WAPA	443,760	7,481	253,663	4,514
Salt Lake City Area/Integrated Projects total	2,005,760	59,863	1,289,025	34,064
WAPA-wide totals				
Non-WAPA	5,551,018	220,921	5,691,706	215,183
WAPA	480,761	8,404	282,621	5,818
Purchased power total	6,031,779	229,325	5,974,327	221,001

¹ Purchased power as presented in this table is \$84 million greater than the FY 2019 combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchased and sold electric power to the same counterparty; -\$13.3 million in elimination entries; -\$1.6 million for spinning reserves; \$2.4 million for merchant services; \$4.3 million in purchases to meet regulatory requirements; and \$2.6 million in variances between purchased power accrual estimates and actual purchased power amounts along with other miscellaneous minor transactions.

PURCHASED TRANSMISSION SERVICES

Purchased Transmission Services

Project and source	FY 2019 ¹	FY 2018
	Cost (\$ in thousands)	Cost (\$ in thousands)
PURCHASED TRANSMISSION		
Central Valley		
Non-WAPA	70,002	85,743
WAPA	0	0
Central Valley total	70,002	85,743
Loveland Area Projects		
Non-WAPA	6,347	7,705
WAPA	8	0
Loveland Area Projects total	6,355	7,705
Pick-Sloan Missouri Basin Program—Eastern Division		
Non-WAPA	76,464	78,253
WAPA	0	230
Pick-Sloan Missouri Basin Program—Eastern Division total	76,464	78,483
Salt Lake City Area/Integrated Projects		
Non-WAPA	7,898	8,067
WAPA	3,296	3,339
Salt Lake City Area/Integrated Projects total	11,194	11,406
WAPA-wide totals		
Non-WAPA	6,347	179,768
WAPA	8	3,569
Purchased transmission subtotal	164,015	183,337
PURCHASED ANCILLARY SERVICES		
Loveland Area Projects		
Non-WAPA	5,556	2,873
WAPA	501	767
Loveland Area Projects total	6,057	3,640
Pick-Sloan Missouri Basin Program—Eastern Division		
Non-WAPA	9,552	8,840
WAPA	2	0
Pick-Sloan Missouri Basin Program—Eastern Division total	9,554	8,840
WAPA-wide totals		
Non-WAPA	15,108	11,713
WAPA	503	767
Purchased ancillary services subtotal	15,611	12,480
Purchased transmission services total	179,626	195,817

¹ Purchased transmission services as presented in this table are \$6.1 million greater than the FY 2019 combined power system statements of revenues and expenses and accumulated net revenues due to the following: -\$4 million in elimination entries; -\$2.1 million in variances between purchased transmission accrual estimates and actual purchased transmission amounts and other miscellaneous minor transactions.

POWER CUSTOMERS

Power Customers by Customer Category (FY 2019)

Customer category	Long-term	Other	Total
Municipalities	295	3	298
Cooperatives	57	5	62
Public utility districts	12	3	15
Federal agencies	40	4	44
State agencies	49	2	51
Irrigation districts ¹	37	11	48
Native American tribes	115	0	115
Investor-owned utilities	1	23	24
Power marketers	0	16	16
Joint power authorities	5	2	7
Independent system operator corporations	0	5	5
Transportation districts	2	0	2
WAPA subtotal	613	74	687
Interproject	0	7	7
Project use	86	0	86
Eliminations ²	(49)	(31)	(80)
WAPA total	650	50	700

¹ Includes one customer at Salt Lake City Area/Integrated Projects with a valid active contract but with no energy sold.

² Double counting occurs when more than one project sells power to the same customer, or the same customer appears in more than one customer category within the same project. The eliminations row removes the duplicates.

Power Customer Count by Project (FY 2019)

Project	Long-term	Other	Total
Boulder Canyon	46	0	46
Central Arizona	0	14	14
Interproject	0	1	1
Central Valley	52	7	59
Project use	40	0	40
Falcon-Amistad	1	0	1
Loveland Area Projects	49	17	66
Interproject	0	3	3
Project use	12	0	12
Olmsted	2	0	2
Parker-Davis	34	0	34
Project use	2	0	2
Pick-Sloan Missouri Basin Program—Eastern Division	296	18	314
Interproject	0	1	1
Project use	28	0	28
Provo River	3	0	3
Salt Lake City Area/Integrated Projects ¹	129	18	147
Interproject	0	2	2
Project use	4	0	4
Washoe	1	0	1
Eliminations ²	(49)	(31)	(80)
WAPA total	650	50	700

¹ Includes one customer with a valid active contract but with no energy sold.

² Double counting occurs when more than one project sells power to the same customer, or the same customer appears in more than one customer category within the same project. The eliminations row removes the duplicates.

POWER CUSTOMERS

Power Customer Count by State and Customer Category (FY 2019)

State/customer category	Long-term	Other	Total
Arizona			
Municipalities	12	1	13
Cooperatives	3	4	7
Federal agencies	9	1	10
State agencies	3	2	5
Irrigation districts¹	17	10	27
Native American tribes	29	0	29
Investor-owned utilities	0	5	5
Power marketers	0	1	1
Arizona total	73	24	97
Arkansas			
Independent system operator corporations	0	2	2
Arkansas total	0	2	2
California			
Municipalities	24	0	24
Cooperatives	1	0	1
Public utility districts	8	0	8
Federal agencies	13	1	14
State agencies	11	0	11
Irrigation districts	12	0	12
Native American tribes	20	0	20
Investor-owned utilities	1	2	3
Power marketers	0	4	4
Joint power authorities	4	0	4
Independent system operator corporations	0	2	2
Transportation districts	2	0	2
California total	96	9	105
Colorado			
Municipalities	27	1	28
Cooperatives	7	1	8
Federal agencies	7	0	7
Native American tribes	2	0	2
Investor-owned utilities	0	5	5
Power marketers	0	4	4
Colorado total	43	11	54
Indiana			
Independent system operator corporations	0	1	1
Indiana total	0	1	1

Power Customer Count by State and Customer Category (FY 2019), continued

State/customer category	Long-term	Other	Total
Iowa			
Municipalities	49	0	49
Cooperatives	4	0	4
Iowa total	53	0	53
Kansas			
Municipalities	7	0	7
Cooperatives	4	0	4
Native American tribes	4	0	4
Joint power authorities	1	0	1
Kansas total	16	0	16
Minnesota			
Municipalities	48	0	48
Cooperatives	15	0	15
State agencies	1	0	1
Native American tribes	3	0	3
Investor-owned utilities	0	1	1
Minnesota total	67	1	68
Montana			
Cooperatives	4	0	4
Federal agencies	0	1	1
State agencies	1	0	1
Irrigation districts	3	0	3
Native American tribes	6	0	6
Investor-owned utilities	0	2	2
Power marketers	0	2	2
Montana total	14	5	19
Nebraska			
Municipalities	61	1	62
Public utility districts	4	0	4
Federal agencies	0	0	0
State agencies	8	0	8
Irrigation districts	1	0	1
Native American tribes	4	0	4
Power marketers	0	1	1
Nebraska total	78	2	80

POWER CUSTOMERS

Power Customer Count by State and Customer Category (FY 2019), continued

State/customer category	Long-term	Other	Total
Nevada			
Municipalities	1	0	1
Federal agencies	2	0	2
State agencies	3	0	3
Native American tribes	5	0	5
Joint power authorities	0	2	2
Nevada total	11	2	13
New Mexico			
Municipalities	6	0	6
Cooperatives	4	0	4
Federal agencies	4	0	4
Native American tribes	24	0	24
Investor-owned utilities	0	2	2
New Mexico total	38	2	40
North Dakota			
Municipalities	12	0	12
Cooperatives	7	0	7
Public utility districts	0	1	1
State agencies	10	0	10
Irrigation districts	1	0	1
Native American tribes	5	0	5
Power marketers	0	1	1
North Dakota total	35	2	37
South Dakota			
Municipalities	33	0	33
Cooperatives	4	0	4
Public utility districts	0	2	2
Federal agencies	1	0	1
State agencies	10	0	10
Native American tribes	8	0	8
Investor-owned utilities	0	5	5
South Dakota total	56	7	63

Power Customer Count by State and Customer Category (FY 2019), continued

State/customer category	Long-term	Other	Total
Texas			
Cooperatives	1	0	1
Power marketers	0	2	2
Texas total	1	2	3
Utah			
Municipalities	11	0	11
Cooperatives	1	0	1
Federal agencies	3	0	3
State agencies	2	0	2
Irrigation districts	1	1	2
Native American tribes	3	0	3
Investor-owned utilities	0	1	1
Power marketers	0	1	1
Utah total	21	3	24
Wyoming			
Municipalities	4	0	4
Cooperatives	2	0	2
Federal agencies	1	1	2
Irrigation districts	2	0	2
Native American tribes	2	0	2
Wyoming total	11	1	12
Subtotal	613	74	687
Interproject	0	7	7
Project use	86	0	86
Eliminations ²	(49)	(31)	(80)
Total	650	50	700

¹ Includes one customer at Salt Lake City Area/Integrated Projects with a valid active contract but with no energy sold.

² Double counting occurs when more than one project sells power to the same customer, or the same customer appears in more than one customer category within the same project. The eliminations row removes the duplicates.

TOP 25 CUSTOMERS IN POWER SALES – FY 2019

Top 25 Long-term Power Sales Customers¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Tri-State Generation and Transmission Association	2,323,845	8.4
2	SMUD	2,075,816	7.5
3	Colorado River Commission of Nevada	1,189,803	4.3
4	Metropolitan Water District of Southern California	955,897	3.4
5	Nebraska Public Power District	713,755	2.6
6	East River Electric Power Cooperative	708,679	2.6
7	Utah Associated Municipal Power System	692,018	2.5
8	Arizona Power Authority	682,804	2.5
9	Platte River Power Authority	626,274	2.3
10	Northern California Power Agency	625,352	2.3
11	Los Angeles	511,195	1.8
12	Redding	502,605	1.8
13	Deseret Generation and Transmission Cooperative	502,477	1.8
14	Navajo Tribal Utility Authority	459,927	1.7
15	Salt River Project	409,980	1.5
16	Department of Energy - Bay Area Site Office ²	403,368	1.5
17	Omaha Public Power District	379,194	1.4
18	Utah Municipal Power Agency	361,300	1.3
19	Colorado Springs Utilities	360,871	1.3
20	Minnkota Power Cooperative	358,303	1.3
21	Upper Missouri Power Cooperative	347,561	1.3
22	Santa Clara d.b.a. Silicon Valley Power	331,482	1.2
23	Central Power Electric Cooperative	330,619	1.2
24	Central Montana Electric Power Cooperative	317,907	1.1
25	Moorhead	232,281	0.8
Top 25 long-term energy total		16,403,313	59.4

¹ Excludes energy sales and power revenues from interproject and project-use customers.

² Name changed from Department of Energy - Berkeley Site Office to Department of Energy - Bay Area Site Office in April 2019.

Top 25 Other Power Sales Customers¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Southwest Power Pool	4,523,123	62.9
2	Macquarie Energy	420,630	5.8
3	Salt River Project	375,862	5.2
4	California Independent System Operator Corporation	213,034	3.0
5	Farmington	190,450	2.6
6	Electrical District No. 8, Maricopa County	188,638	2.6
7	Black Hills Energy	152,818	2.1
8	Los Alamos County	138,966	1.9
9	Tri-State Generation and Transmission Association	127,432	1.8
10	McMullen Valley Water Conservation and Drainage District	77,245	1.1
11	Basin Electric Power Cooperative	65,679	0.9
12	Harquahala Valley Power District	61,238	0.9
13	Heartland Consumers Power District	50,190	0.7
14	Colorado Springs Utilities	48,067	0.7
15	Maricopa County Municipal Water Conservation District No. 1	45,434	0.6
16	Tucson Electric Power Company	40,225	0.6
17	Roosevelt Irrigation District	40,066	0.6
18	Central Arizona Water Conservation District	34,286	0.5
19	Roseville	28,786	0.4
20	Page Electric Utility	25,954	0.4
21	Wickenburg	24,656	0.3
22	Tonopah Irrigation District	24,399	0.3
23	Black Hills Power	19,823	0.3
24	Rainbow Energy Marketing Corporation	19,456	0.3
25	Department of Energy - Bonneville Power Administration	17,876	0.2
Top 25 other energy total		6,954,333	96.7

¹ Excludes energy sales and power revenues from interproject and project-use customers.

TOP 25 CUSTOMERS IN POWER REVENUES – FY 2019

Top 25 Long-term Power Revenues Customers¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	SMUD	86,971,338	11.7
2	Tri-State Generation and Transmission Association	72,159,740	9.7
3	Nebraska Public Power District	25,859,606	3.5
4	Colorado River Commission of Nevada	21,030,903	2.8
5	Utah Associated Municipal Power System	19,421,222	2.6
6	Platte River Power Authority	17,296,337	2.3
7	East River Electric Power Cooperative	16,595,848	2.2
8	Deseret Generation and Transmission Cooperative	15,124,357	2.0
9	Department of Energy - Bay Area Site Office ²	13,916,017	1.9
10	Redding	13,794,665	1.9
11	Metropolitan Water District of Southern California	13,656,776	1.8
12	Arizona Power Authority	13,653,812	1.8
13	Los Angeles	13,444,064	1.8
14	Northern California Power Agency	13,215,625	1.8
15	Navajo Tribal Utility Authority	12,443,357	1.7
16	Colorado Springs Utilities	10,657,467	1.4
17	Utah Municipal Power Agency	10,164,448	1.4
18	Basin Electric Power Cooperative	10,150,954	1.4
19	Salt River Project	9,494,794	1.3
20	Omaha Public Power District	8,270,531	1.1
21	Minnkota Power Cooperative	8,069,217	1.1
22	Upper Missouri Power Cooperative	7,692,068	1.0
23	Central Power Electric Cooperative	7,374,916	1.0
24	Central Montana Electric Power Cooperative	7,287,713	1.0
25	University of California, Davis	7,225,857	1.0
Top 25 long-term revenues total		454,971,632	61.2

¹ Excludes energy sales and power revenues from interproject and project-use customers.

² Name changed from Department of Energy - Berkeley Site Office to Department of Energy - Bay Area Site Office in April 2019.

Top 25 Other Power Revenues Customers¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Southwest Power Pool	76,248,775	40.4
2	Salt River Project	40,572,250	21.5
3	Macquarie Energy	17,257,046	9.1
4	California Independent System Operator Corporation	10,330,899	5.5
5	Farmington	7,650,708	4.1
6	Electrical District No. 8, Maricopa County	5,522,322	2.9
7	Los Alamos County	5,306,739	2.8
8	McMullen Valley Water Conservation and Drainage District	2,238,171	1.2
9	Harquahala Valley Power District	1,770,015	0.9
10	Rainbow Energy Marketing Corporation	1,331,498	0.7
11	Roseville	1,295,396	0.7
12	Maricopa County Municipal Water Conservation District No. 1	1,276,195	0.7
13	Tri-State Generation and Transmission Association	1,262,312	0.7
14	Roosevelt Irrigation District	1,173,822	0.6
15	Black Hills Energy	1,160,433	0.6
16	Avangrid Renewables	1,143,071	0.6
17	Central Arizona Water Conservation District	1,129,453	0.6
18	Tucson Electric Power Company	970,606	0.5
19	Basin Electric Power Cooperative	954,113	0.5
20	Page Electric Utility	828,037	0.4
21	Wickenburg	804,262	0.4
22	Tonopah Irrigation District	757,834	0.4
23	Turlock Irrigation District	733,501	0.4
24	SMUD	671,962	0.4
25	Navajo Tribal Utility Authority	578,333	0.3
Top 25 other revenues total		182,967,753	96.9

¹ Excludes energy sales and power revenues from interproject and project-use customers.

REPAYMENT

Cumulative Paid and Unpaid Investment by Project

As of Sept. 30, 2019 (in thousands)

Project power system	Total investment (\$)	Investment repaid (\$)	Investment unpaid (\$)
Boulder Canyon	700,100	680,036	20,064
Central Valley	1,004,792	632,675	372,075
Collbran	27,464	23,320	4,144
Colorado River Storage	2,605,999	1,485,475	1,120,523
Dolores	39,851	38,410	1,441
Falcon-Amistad	50,174	24,248	25,926
Fryingpan-Arkansas	167,009	75,287	91,722
Olmsted	5,815	0	5,815
Pacific NW-SW Intertie	281,773	23,538	258,235
Parker-Davis	760,071	295,564	464,507
Pick-Sloan Missouri Basin Program	4,594,327	1,789,817	2,804,510
Provo River	3,045	2,046	999
Rio Grande	29,678	24,759	4,919
Seedskaadee	12,398	9,882	2,516
Washoe	2,337	384	1,953
Total	10,284,833	5,105,441	5,179,349

Cumulative Revenue, Expense and Repayment by Project

As of Sept. 30, 2019 (in thousands)

Project power system	Gross operating revenues (\$)	Income transfers (net) (\$)	O&M and other expenses (\$)	Purchased power expenses (\$)	Interest expenses (\$)	Principal repaid (\$)	(Deficit)/surplus (\$)
Boulder Canyon	2,877,631	8,811	1,565,839	11,472	593,874	680,036	0
Central Valley	10,364,418	10,163	2,372,249	6,858,355	511,302	632,675	0
Collbran	74,221	36	38,195	0	12,743	23,320	(1)
Colorado River Storage	6,577,349	(40,525)	2,314,858	1,935,849	800,643	1,485,475	(1)
Dolores	101,519	2,759	17,144	0	48,723	38,410	1
Falcon-Amistad	179,953	242	74,307	0	79,474	24,248	2,166
Fryingpan-Arkansas	519,219	0	155,144	127,833	160,955	75,287	0
Olmsted	14,092	0	8,207	0	0	0	5,885
Pacific NW-SW Intertie	783,652	(27,578)	225,699	26,615	483,270	23,538	(3,048)
Parker-Davis	1,898,171	37,393	1,095,530	103,075	459,440	295,564	(18,045)
Pick-Sloan Missouri Basin Program	15,244,734	0	5,885,434	4,334,465	3,235,018	1,789,817	0
Provo River	12,033	0	8,471	203	1,057	2,046	256
Rio Grande	125,926	0	81,169	4,774	15,225	24,759	(1)
Seedskaadee	23,586	14,984	22,080	0	6,607	9,882	1
Washoe	13,520	0	2,850	3,967	6,319	384	0
Eliminations	(122,662)	(30)	799	(111,890)	(11,601)	0	0
Other	2,430	0	3,377	0	0	0	(947)
Total	38,689,792	6,255	13,871,352	13,294,718	6,403,049	5,105,441	(13,735)

REPAYMENT

WAPA Hydroelectric Consolidated Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	37,235,613	88,288	1,365,891	38,689,792
Income transfers (net) ³	(5,684)	7,410	4,529	6,255
Total operating revenue	37,229,929	95,698	1,370,420	38,696,047
EXPENSES:				
O&M and other ³	13,255,454	2,131	613,767	13,871,352
Purchase power and other	12,879,598	78,975	336,145	13,294,718
Interest				
Federally financed	5,925,612	242	167,439	6,093,293
Non-federally financed	306,447	0	3,309	309,756
Total interest	6,232,059	242	170,748	6,403,049
Total expense	32,367,111	81,348	1,120,660	33,569,119
(Deficit)/surplus revenue ⁴	(11,240)	(25,213)	22,718	(13,735)
INVESTMENT:				
Federally financed power	7,654,242	17,464	244,428	7,916,134
Non-federally financed power	259,217	0	5,909	265,126
Federally financed nonpower	2,061,577	27,164	9,629	2,098,370
Non-federally financed nonpower	4,362	0	841	5,203
Total investment	9,979,398	44,628	260,807	10,284,833
INVESTMENT REPAID:				
Federally financed power	4,282,581	11,838	226,598	4,521,017
Non-federally financed power	210,034	0	708	210,742
Federally financed nonpower	335,050	32,708	1,562	369,320
Non-federally financed nonpower	4,362	0	0	4,362
Total investment repaid	4,832,027	44,546	228,868	5,105,441
INVESTMENT UNPAID:				
Federally financed power	3,371,619	5,626	17,830	3,395,075
Non-federally financed power	49,183	0	5,201	54,384
Federally financed nonpower	1,726,526	(5,544)	8,067	1,729,049
Non-federally financed nonpower	0	0	841	841
Total investment unpaid	5,147,328	82	31,939	5,179,349
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	55.95%			57.11%
Non-federal	81.03%			79.49%
Nonpower	16.43%			17.76%

¹ This column includes Olmsted, which was not reported in the FY 2018 Statistical Appendix. Therefore, this column will not tie to the cumulative numbers on Page 27 of the FY 2018 Statistical Appendix.

² Based on WAPA's FY 2019 combined financial statements of all hydroelectric power projects including eliminations, other totals and O&M gains/losses.

³ Excludes "Income transfer, net" for O&M.

⁴ Excludes Boulder Canyon Project because the Bureau of Reclamation is responsible for repayment of the project and the administration of the Colorado River Dam Fund.

MARKETING PLANS AND RATES

Active Firm Power Rate Provisions (2019)

Project	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
Boulder Canyon	BCP-F10	1.88	9.46 mills/kWh	10/1/2018	18.92 mills/kWh
Central Valley ¹	CV-F13	N/A	N/A	10/1/2018	\$74,707,824
Loveland Area Projects	L-F11	4.12	15.72 mills/kWh	1/1/2018	31.44 mills/kWh
Parker-Davis	PD-F7	2.74 - generation 1.56 - transmission	6.25 mills/kWh	2/1/2019	12.50 mills/kWh
Pick-Soan Missouri Basin Program - Eastern Division	P-SED-F13	5.25	13.27 mills/kWh for all energy	1/1/2018	24.00 mills/kWh
Salt Lake City Area/Integrated Projects	SLIP-F10	5.18	12.19 mills/kWh	10/1/2015	29.42 mills/kWh

¹ There are no provisions for energy and capacity rates under CV-F13, which provides for a Power Revenue Requirement allocation to all preference customers. Annual per-unit rates are not applicable under the formula rates above.

Custom Product Power

Project	Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
Central Valley	2019	CPP-2	N/A	N/A	10/1/2018	Pass-through

Active Nonfirm Power Rate Provisions

Project	Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
Washoe	2019	SNF-7	None	Formula rate: Pursuant to contract	10/1/2018	N/A

Active Marketing Plans

Project	Expiration Date
Boulder Canyon	9/30/2067
Central Valley-Washoe	12/31/2024
Falcon-Amistad	6/8/2033
Loveland Area Projects	9/30/2054
Olmsted	9/30/2024
Parker-Davis	9/30/2028
Provo River	9/30/2024
Pick-Soan Missouri Basin Program - Eastern Division	12/31/2020
Salt Lake City Area/Integrated Projects	9/30/2024

MARKETING PLANS AND RATES

Active Transmission and Ancillary Services Rate Provisions (2019)

Project	Rate schedule designation	Rate
Central Arizona	CAP-FT3 - Firm point-to-point transmission service	\$21.00/kW-year
	CAP-NFT3 - Nonfirm point-to-point transmission service	2.40 mills/kWh
	CAP-NITS3 - Network integration transmission service	Customer load ratio share x 1/12 annual revenue requirement \$17,430,000
Central Valley	CV-T3, CVP firm and nonfirm point-to-point transmission service	Formula rate
	CV-NWT5, Network transmission service	Formula rate
	COTP-T3, COTP firm and non-firm point-to-point transmission service	Formula rate
	PACI-T3, PACI firm and non-firm point-to-point transmission service	Formula rate
	CV-TPT7, Transmission of WAPA power by others	Pass-through
	CV-SPR4, Spinning reserve service	Formula rate
	CV-SUR4, Supplemental reserve service	Formula rate
	CV-RFS4, Regulation and frequency response service	Formula rate
	CV-EID4, Energy imbalance service	Formula rate
	CV-GID1, Generator imbalance service	Formula rate
	CV-UUP1, Unreserved-use penalties	Formula rate
Loveland Area Projects	L-NT1, Annual transmission revenue requirement for network integration transmission service	Load ratio share of 1/12 of the revenue requirement of \$72,430,672
	L-FPT1, Long-term firm and short-term firm point-to-point transmission service	\$4.09/kW-month
	L-NFPT1, Nonfirm point-to-point transmission service	5.60 mills/kWh (maximum)
	L-AS1, Scheduling, system control and dispatch service	\$22.55 schedule/day
	L-AS2, Reactive supply and voltage control from generation sources service	\$0.078/kW-month
	L-AS3, Regulation and frequency response service	\$0.230/kW-month; wind multiplier 170%, solar multiplier 100%
	L-AS4, Energy imbalance service	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty
	L-AS5, Operating reserve - spinning reserve service	Pass-through cost
	L-AS6, Operating reserve - supplemental reserve service	Pass-through cost
	L-AS7, Transmission losses service	4.5% - weighted average real-time hourly WACM purchase price
	L-AS9, Generator imbalance service	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty; variable generators pay up to a 10% penalty
	L-UU1, Unreserved-use penalties	200% of LAP's firm point-to-point rate
	WC-8, WestConnect regional nonfirm point-to-point transmission service	LAP's nonfirm point-to-point rate converted to on- and off-peak rates
Pacific NW-SW Intertie	INT-FT5, Long-term and short-term firm point-to-point transmission service	\$19.32/kW-year
		\$1.61/kW-month
		\$0.3715/kW-week
		\$0.0529/kW-day
		\$0.00221/kWh
		2.21 mills/kWh
	INT-NFT4, Nonfirm point-to-point transmission service	Load ratio share of 1/12 of annual revenue requirement of \$35,637,697
	INT-NTS4, Network integration transmission service	\$16.31/schedule/day
	DSW-SD4, Scheduling, system control and dispatch service ¹	\$0.054/kW-month
	DSW-RS4, Reactive supply and voltage control service ¹	\$0.106/kW-month
	DSW-FR4, Regulation and frequency response service ¹	
	DSW-EI4, Energy imbalance service ¹	
	On-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered load	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered load	110% return for under delivery, 90% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered load	125% return for under delivery, 75% for over delivery
	Off-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered load	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered load	110% return for under delivery, 75% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered load	125% return for under delivery, 60% for over delivery
	DSW-GI2, Generator imbalance service ¹	
	On-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered generation	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered generation	110% return for under delivery, 90% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered generation	125% return for under delivery, 75% for over delivery
	Off-peak hours:	
	Less than or equal to -3.0% (or up to 5 MW) and +7.5% (or up to 2 MW) of metered generation	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered generation	110% return for under delivery, 75% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered generation	125% return for under delivery, 60% for over delivery
	DSW-SPR4, Operating reserve - spinning reserve service ¹	None available
	DSW-SUR4, Operating reserve - supplemental reserve service ¹	None available

MARKETING PLANS AND RATES

Active Transmission and Ancillary Services Rate Provisions (2019), continued

Parker-Davis	PD-FT7, Long-term firm point-to-point transmission service	\$1.56/kW-month
	PD-NFT7, Nonfirm point-to-point transmission service	2.14 mills/kWh
	PD-NTS4, Network integration transmission service	Load ratio share of 1/12 of annual revenue requirements of \$48,241,440
Pick-Soan Missouri Basin Program - Eastern Division		
1/1/2019 - 12/31/2019	WAUGP-ATRR, Network Integration Transmission Service ²	Load ratio share of annual revenue requirement of \$135,555,574
	WAUW-AS3, Regulation and Frequency Reponse Service ³	Load ratio share of annual revenue requirement of \$258,356
	WAUW-AS5 & WAUW-AS6, Operating Reserve - Spinning & Reserve Service ³	Load ratio share of annual revenue requirement of \$245,764
	WAUGP-AS1, Scheduling, System Control and Dispatch Service ²	Load ratio share of annual revenue requirement of \$10,099,229
	WAUW-AS4, Energy Imbalance Service ⁴	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of incremental cost when energy taken is greater than energy scheduled and 90% of incremental cost when energy taken is less than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy taken is greater than energy scheduled and 75% of incremental cost when energy taken is less than scheduled.
	WAUW-AS7, Generator Imbalance Service ⁴	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of the average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of the incremental cost when energy delivered is less than generation scheduled and 90% of incremental cost when energy delivered is greater than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy delivered is less than energy scheduled and 75% of incremental cost when energy delivered is greater than scheduled. As an exception, an intermittent resource will be exempt from this deviation band and will pay the deviation band charges for all deviations greater than the larger of 1.5% or 2 MW.
1/1/2018 - 12/31/2018	WAUGP-ATRR, Network Integration Transmission Service ²	Load ratio share of annual revenue requirement of \$133,279,878
	WAUW-AS3, Regulation and Frequency Reponse Service ³	Load ratio share of annual revenue requirement of \$188,791
	WAUW-AS5 & WAUW-AS6, Operating Reserve - Spinning & Reserve Service ³	Load ratio share of annual revenue requirement of \$174,628
	WAUGP-AS1, Scheduling, System Control and Dispatch Service ²	Load ratio share of annual revenue requirement of \$8,911,338
	WAUW-AS4, Energy Imbalance Service ⁴	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of incremental cost when energy taken is greater than energy scheduled and 90% of incremental cost when energy taken is less than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy taken is greater than energy scheduled and 75% of incremental cost when energy taken is less than scheduled.
	WAUW-AS7, Generator Imbalance Service ⁴	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of the average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of the incremental cost when energy delivered is less than generation scheduled and 90% of incremental cost when energy delivered is greater than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy delivered is less than energy scheduled and 75% of incremental cost when energy delivered is greater than scheduled. As an exception, an intermittent resource will be exempt from this deviation band and will pay the deviation band charges for all deviations greater than the larger of 1.5% or 2 MW.
Salt Lake City Area/ Integrated Projects		
	SP-PTP8, Firm point-to-point transmission service	\$1.63/kW-month
	SP-NFT7, Nonfirm point-to-point transmission service	Mutually agreed by WAPA and purchasing entity up to 2.23 mills/kWh
	SP-NW4, Network integration transmission	Network customer's load ratio share times 1/12 total net annual revenue requirement
	L-AS1, Scheduling system control and dispatch	Included in PTP rate. A \$22.55 schedule/day charge is assessed to non-firm transmission customers.
	L-AS2, Reactive supply and voltage-control services	\$0.078/kW-Month
	L-AS4, Energy imbalance	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty
	L-AS3, Regulation and frequency response	\$0.230/kW-Month, wind multiplier 166%, solar multiplier 100%, RM schedule
	SP-SSR4, Spinning and supplemental reserves	Negotiated rate under the Western Systems Power Pool contract
	WC-8, WestConnect regional nonfirm point-to-point transmission service	CRSP, DSW and LAP's nonfirm point-to-point rate converted to on and off peak rates

¹ Ancillary service rates for the Desert Southwest region and the Western Area Lower Colorado Balancing Authority and Transmission Operations Area.

² Upper Great Plains is a transmission owner in the Southwest Power Pool. These rates are the region's portion of the total rates for the multi-owner Upper Missouri Zone of SPP. See SPP regional revenue requirement files for applicable timeframes for total UMG rates.

³ Upper Great Plains revenue requirements for service in the UGP West Balancing Authority Area in the Western Interconnection. Dollar-per-kilowatt-month estimates calculated using actual average load during the specified time.

⁴ Upper Great Plains' incremental cost will be based upon a representative hourly energy index or combination of indexes. The index to be used will be posted on the applicable SPP website and/or SPP's Open Access Same-Time Information System at least 30 days before use for determining UGP's incremental cost and will not be changed more often than once per year unless UGP determines that the existing index is no longer a reliable price index. Data used and the charges resulting from using this formula will be posted on the applicable SPP website and/or SPP OASIS.

COMBINING STATEMENTS (by agency)

Combined Power System Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019				FY 2018			
	WAPA	Generating agencies	Elimination	Hydroelectric total	WAPA	Generating agencies	Elimination	Hydroelectric total
Assets:								
Completed utility plant	\$4,407,388	\$3,889,475	\$0	\$8,296,863	\$4,339,920	\$3,799,845	\$0	\$8,139,765
Accumulated depreciation	(2,301,426)	(2,230,781)	0	(4,532,207)	(2,217,493)	(2,188,412)	0	(4,405,905)
Net completed plant	2,105,962	1,658,694	0	3,764,656	2,122,427	1,611,433	0	3,733,860
Construction work-in-progress	139,344	142,421	0	281,765	111,050	96,672	0	207,722
Net utility plant	2,245,306	1,801,115	0	4,046,421	2,233,477	1,708,105	0	3,941,582
Cash	1,036,354	557,796	0	1,594,150	926,852	514,070	0	1,440,922
Accounts receivable, net	148,231	10,521	(2,649)	156,103	158,966	11,951	(897)	170,020
Regulatory assets	69,146	90,307	0	159,453	65,194	89,733	0	154,927
Other assets	121,123	6,620	0	127,743	118,493	6,670	0	125,163
Total assets	3,620,160	2,466,359	(2,649)	6,083,870	3,502,982	2,330,529	(897)	5,832,614
Liabilities:								
Long-term liabilities	49,800	15,449	0	65,249	47,713	16,157	0	63,870
Customer advances and other liabilities	83,865	43,931	0	127,796	76,391	41,043	0	117,434
Deferred revenue	0	99,570	0	99,570	0	103,637	0	103,637
Accounts payable	38,420	14,138	(2,649)	49,909	41,014	16,632	(897)	56,749
Environmental cleanup liabilities	20,058	2,556	0	22,614	19,779	2,391	0	22,170
Total liabilities	192,143	175,644	(2,649)	365,138	184,897	179,860	(897)	363,860
Capitalization:								
Payable to U.S. Treasury	3,666,661	1,585,619	0	5,252,280	3,458,063	1,659,822	0	5,117,885
Accumulated net revenues (deficit)	(238,644)	705,096	0	466,452	(139,978)	490,847	0	350,869
Total capitalization	3,428,017	2,290,715	0	5,718,732	3,318,085	2,150,669	0	5,468,754
Total liabilities and capitalization	\$3,620,160	\$2,466,359	(\$2,649)	\$6,083,870	\$3,502,982	\$2,330,529	(\$897)	\$5,832,614

COMBINING STATEMENTS (by agency)

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019				FY 2018			
	WAPA	Generating agencies	Elimination	Hydroelectric total	WAPA	Generating agencies	Elimination	Hydroelectric total
Operating revenues:								
Sales of electric power	\$860,099	\$0	(\$9,553)	\$850,546	\$824,049	\$0	(\$5,482)	\$818,567
Transmission and other operating revenues	448,427	59,093	(9,455)	498,065	463,249	8,937	(8,306)	463,880
Gross operating revenues	1,308,526	59,093	(19,008)	1,348,611	1,287,298	8,937	(13,788)	1,282,447
Income transfers, net	(500,005)	504,534	0	4,529	(335,358)	333,090	0	(2,268)
Total operating revenues	808,521	563,627	(19,008)	1,353,140	951,940	342,027	(13,788)	1,280,179
Operating expenses:								
Operation and maintenance	263,949	282,297	(1,727)	544,519	266,938	308,896	0	575,834
Purchased power	158,563	0	(13,262)	145,301	113,936	0	(10,194)	103,742
Purchased transmission services	177,582	0	(4,019)	173,563	193,268	0	(3,594)	189,674
Depreciation	98,691	46,285	0	144,976	97,327	35,076	0	132,403
Administration and general	69,350	0	0	69,350	74,592	0	0	74,592
Total operating expenses	768,135	328,582	(19,008)	1,077,709	746,061	343,972	(13,788)	1,076,245
Net operating revenues (deficit)	40,386	235,045	0	275,431	205,879	(1,945)	0	203,934
Interest expenses:								
Interest on payable to U.S. Treasury	126,698	50,188	0	176,886	131,015	47,373	0	178,388
Allowance for funds used during construction	(6,066)	(3,381)	0	(9,447)	(5,375)	(2,241)	0	(7,616)
Net interest on payable to U.S. Treasury	120,632	46,807	0	167,439	125,640	45,132	0	170,772
Interest on long-term liabilities	1,520	1,789	0	3,309	2,897	1,859	0	4,756
Net interest expenses	122,152	48,596	0	170,748	128,537	46,991	0	175,528
Net revenues (deficit)	(81,766)	186,449	0	104,683	77,342	(48,936)	0	28,406
Accumulated net revenues (deficit):								
Balance, beginning of year	(139,978)	490,847	0	350,869	(186,915)	542,236	0	355,321
Irrigation assistance	(30,109)	(1,005)	0	(31,114)	(44,125)	0	0	(44,125)
Change in capitalization	13,209	28,805	0	42,014	13,720	(2,453)	0	11,267
Balance, end of year	(\$238,644)	\$705,096	\$0	\$466,452	(\$139,978)	\$490,847	\$0	\$350,869

COMBINING STATEMENTS (by agency)

Combined Power System Statements of Changes in Capitalization

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	Payable to U.S. Treasury			Accumulated net revenues (deficit)			Total capitalization		
	WAPA	Generating agencies	Hydroelectric total	WAPA	Generating agencies	Hydroelectric total	WAPA	Generating agencies	Hydroelectric total
Total capitalization as of Sept. 30, 2017	\$3,455,125	\$1,463,023	\$4,918,148	(\$186,915)	\$542,236	\$355,321	\$3,268,210	\$2,005,259	\$5,273,469
<i>Additions:</i>									
Congressional appropriations	91,724	201,377	293,101	13,720	(2,453)	11,267	105,444	198,924	304,368
Interest	131,015	50,320	181,335	0	0	0	131,015	50,320	181,335
Total additions to capitalization	222,739	251,697	474,436	13,720	(2,453)	11,267	236,459	249,244	485,703
<i>Deductions:</i>									
Payments to U.S. Treasury	(315,410)	(2,603)	(318,013)	0	0	0	(315,410)	(2,603)	(318,013)
Transfers of property and services, net	51,484	(52,295)	(811)	0	0	0	51,484	(52,295)	(811)
Irrigation assistance	44,125	0	44,125	(44,125)	0	(44,125)	0	0	0
Total deductions to capitalization	(219,801)	(54,898)	(274,699)	(44,125)	0	(44,125)	(263,926)	(54,898)	(318,824)
Net revenues (deficit) for the year ended Sept. 30, 2018	0	0	0	77,342	(48,936)	28,406	77,342	(48,936)	28,406
Total capitalization as of Sept. 30, 2018	\$3,458,063	\$1,659,822	\$5,117,885	(\$139,978)	\$490,847	\$350,869	\$3,318,085	\$2,150,669	\$5,468,754
<i>Additions:</i>									
Congressional appropriations	86,885	123,410	210,295	13,209	28,805	42,014	100,094	152,215	252,309
Interest	126,698	50,188	176,886	0	0	0	126,698	50,188	176,886
Total additions to capitalization	213,583	173,598	387,181	13,209	28,805	42,014	226,792	202,403	429,195
<i>Deductions:</i>									
Payments to U.S. Treasury	(281,251)	(788)	(282,039)	0	0	0	(281,251)	(788)	(282,039)
Transfers of property and services, net	246,157	(247,013)	(856)	0	0	0	246,157	(247,013)	(856)
Irrigation assistance	30,109	0	30,109	(30,109)	(1,005)	(31,114)	0	(1,005)	(1,005)
Total deductions to capitalization	(4,985)	(247,801)	(252,786)	(30,109)	(1,005)	(31,114)	(35,094)	(248,806)	(283,900)
Net revenues (deficit) for the year ended Sept. 30, 2019	0	0	0	(81,766)	186,449	104,683	(81,766)	186,449	104,683
Total capitalization as of Sept. 30, 2019	\$3,666,661	\$1,585,619	\$5,252,280	(\$238,644)	\$705,096	\$466,452	\$3,428,017	\$2,290,715	\$5,718,732

COMBINING STATEMENTS (by power system)

Combining Power System Balance Sheet

As of Sept. 30, 2019 (in thousands)

	Boulder Canyon	Central Valley	Collbran	Colorado River Storage	Dolores	Falcon- Amistad	Fryingpan- Arkansas	Olmsted	Pacific NW- SW Intertie	Parker- Davis	Pick-Sloan Missouri Basin Program	Provo	Rio Grande	Seedsadee	Washoe	Other	Elimination	Hydroelectric combined total
Assets:																		
Completed utility plant	\$429,547	\$1,213,133	\$17,114	\$1,322,762	\$39,480	\$50,126	\$157,609	\$5,815	\$272,882	\$702,315	\$4,039,783	\$2,669	\$22,949	\$11,980	\$8,675	\$24	\$0	\$8,296,863
Accumulated depreciation	(227,809)	(652,292)	(8,056)	(843,677)	(15,090)	(31,722)	(87,365)	(19)	(160,565)	(366,089)	(2,112,726)	(302)	(13,530)	(5,001)	(7,962)	(2)	0	(4,532,207)
Net completed plant	201,738	560,841	9,058	479,085	24,390	18,404	70,244	5,796	112,317	336,226	1,927,057	2,367	9,419	6,979	713	22	0	3,764,656
Construction work-in-progress	1,746	56,935	203	50,680	134	0	6,911	0	8,125	42,932	113,250	93	449	121	0	186	0	281,765
Net utility plant	203,484	617,776	9,261	529,765	24,524	18,404	77,155	5,796	120,442	379,158	2,040,307	2,460	9,868	7,100	713	208	0	4,046,421
Cash	72,079	244,049	116	230,092	48,312	17,497	44,935	69	23,299	100,516	762,514	1,751	54	1,756	311	46,800	0	1,594,150
Accounts receivable, net	16,583	33,971	0	29,185	0	367	3,153	0	1,475	3,210	70,460	36	0	0	117	195	(2,649)	156,103
Regulatory assets	10,431	12,242	98	24,869	29	167	926	0	1,098	9,681	99,628	2	153	116	13	0	0	159,453
Other assets	6,037	13,210	0	8,141	498	13	0	0	599	20,205	54,419	0	0	0	0	24,621	0	127,743
Total assets	308,614	921,248	9,475	822,052	73,363	36,448	126,169	5,865	146,913	512,770	3,027,328	4,249	10,075	8,972	1,154	71,824	(2,649)	6,083,870
Liabilities:																		
Long-term liabilities	0	0	0	17,252	0	0	0	0	5,565	7,601	34,831	0	0	0	0	0	0	65,249
Customer advances and other liabilities	24,656	24,957	134	11,806	1	657	1,111	0	2,223	19,642	39,677	1	162	46	15	2,708	0	127,796
Deferred revenue	99,570	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	99,570
Accounts payable	2,393	14,316	48	16,293	182	43	523	0	691	3,037	11,863	30	76	23	9	3,031	(2,649)	49,909
Environmental cleanup liabilities	0	2,210	33	3,526	26	0	22	0	477	2,674	13,494	0	63	89	0	0	0	22,614
Total liabilities	126,619	41,483	215	48,877	209	700	1,656	0	8,956	32,954	99,865	31	301	158	24	5,739	(2,649)	365,138
Capitalization:																		
Congressional appropriations	566,056	3,462,997	56,665	1,009,084	53,319	62,896	268,119	0	322,113	1,265,484	6,698,641	11,595	109,651	5,682	4,595	163,420	0	14,060,317
Interest	421,089	570,074	13,005	1,011,800	58,017	79,473	197,663	0	502,583	508,501	3,545,294	1,095	16,870	8,472	6,574	1,562	0	6,942,072
Transfer of property and services, net	1,116	259,429	2,445	(246,158)	(28,406)	365	5,109	0	7,241	8,404	1,596,124	174	(958)	(10,834)	(36)	(85,373)	0	1,508,642
Payments to U.S. Treasury	(931,105)	(3,660,836)	(67,664)	(1,484,632)	(32,540)	(103,421)	(343,273)	0	(546,562)	(1,158,274)	(8,773,444)	(10,272)	(119,979)	(3,906)	(8,893)	(13,950)	0	(17,258,751)
Payable to U.S. Treasury	57,156	631,664	4,451	290,094	50,390	39,313	127,618	0	285,375	624,115	3,066,615	2,592	5,584	(586)	2,240	65,659	0	5,252,280
Accumulated net revenues (deficit)	124,839	248,101	4,809	483,081	22,764	(3,565)	(3,105)	5,865	(147,418)	(144,299)	(139,152)	1,626	4,190	9,400	(1,110)	426	0	466,452
Total capitalization	181,995	879,765	9,260	773,175	73,154	35,748	124,513	5,865	137,957	479,816	2,927,463	4,218	9,774	8,814	1,130	66,085	0	5,718,732
Total liabilities and capitalization	\$308,614	\$921,248	\$9,475	\$822,052	\$73,363	\$36,448	\$126,169	\$5,865	\$146,913	\$512,770	\$3,027,328	\$4,249	\$10,075	\$8,972	\$1,154	\$71,824	(\$2,649)	\$6,083,870

COMBINING STATEMENTS (by power system)

Combining Power System Balance Sheet

As of Sept. 30, 2018 (in thousands)

	Boulder Canyon	Central Valley	Collbran	Colorado River Storage	Dolores	Falcon- Amistad	Fryingpan- Arkansas	Olmsted ¹	Pacific NW- SW Intertie	Parker- Davis	Pick-Sloan Missouri Basin Program	Provo	Rio Grande	Seedskaadee	Washoe	Other	Elimination	Hydroelectric combined total
Assets:																		
Completed utility plant	\$425,219	\$1,183,975	\$16,673	\$1,307,567	\$38,563	\$49,398	\$157,702	\$0	\$270,808	\$682,968	\$3,960,530	\$2,670	\$22,922	\$12,095	\$8,675	\$0	\$0	\$8,139,765
Accumulated depreciation	(223,012)	(633,230)	(7,874)	(824,425)	(14,520)	(30,874)	(85,306)	0	(154,336)	(353,110)	(2,052,855)	(232)	(13,389)	(4,797)	(7,945)	0	0	(4,405,905)
Net completed plant	202,207	550,745	8,799	483,142	24,043	18,524	72,396	0	116,472	329,858	1,907,675	2,438	9,533	7,298	730	0	0	3,733,860
Construction work-in-progress	651	20,471	615	30,680	278	327	5,380	5,815	6,036	31,602	105,493	163	98	35	0	78	0	207,722
Net utility plant	202,858	571,216	9,414	513,822	24,321	18,851	77,776	5,815	122,508	361,460	2,013,168	2,601	9,631	7,333	730	78	0	3,941,582
Cash	79,559	220,202	6	198,358	41,085	17,650	76,485	2,541	28,184	97,465	631,363	1,903	(4,411)	987	72	49,473	0	1,440,922
Accounts receivable, net	19,040	31,259	0	33,195	0	860	3,372	0	1,634	12,616	68,668	36	0	0	0	237	(897)	170,020
Regulatory assets	10,463	10,270	87	25,626	47	173	1,073	0	2,111	9,686	95,111	0	128	150	2	0	0	154,927
Other assets	5,330	13,595	0	7,778	303	44	0	0	176	20,047	52,870	0	0	0	0	25,020	0	125,163
Total assets	317,250	846,542	9,507	778,779	65,756	37,578	158,706	8,356	154,613	501,274	2,861,180	4,540	5,348	8,470	804	74,808	(897)	5,832,614
Liabilities:																		
Long-term liabilities	0	0	0	18,730	0	0	0	0	2,000	7,601	35,539	0	0	0	0	0	0	63,870
Customer advances and other liabilities	25,043	24,009	74	12,310	22	377	1,235	0	2,005	18,633	32,872	2	102	90	3	657	0	117,434
Deferred revenue	103,637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	103,637
Accounts payable	2,725	14,463	18	10,432	0	306	1,046	5,815	957	7,370	8,736	37	20	13	3	5,705	(897)	56,749
Environmental cleanup liabilities	0	2,154	31	3,451	26	0	21	0	470	2,612	13,263	0	59	83	0	0	0	22,170
Total liabilities	131,405	40,626	123	44,923	48	683	2,302	5,815	5,432	36,216	90,410	39	181	186	6	6,362	(897)	363,860
Capitalization:																		
Congressional appropriations	563,628	3,418,163	54,834	1,024,540	50,883	62,692	262,914	0	322,321	1,242,975	6,568,495	11,386	101,061	3,391	4,363	158,348	0	13,849,994
Interest	420,649	554,297	12,863	1,000,179	58,716	77,979	194,805	0	484,367	483,454	3,443,829	1,065	16,724	8,341	6,519	1,427	0	6,765,214
Transfer of property and services, net	1,116	260,439	2,442	(250,055)	(27,867)	365	5,062	0	6,409	8,126	1,593,122	173	(965)	(8,962)	(71)	(79,836)	0	1,509,498
Payments to U.S. Treasury	(930,107)	(3,646,075)	(65,397)	(1,511,044)	(32,540)	(102,621)	(299,262)	0	(516,178)	(1,143,710)	(8,609,452)	(10,015)	(115,523)	(3,906)	(8,769)	(12,222)	0	(17,006,821)
Payable to U.S. Treasury	55,286	586,824	4,742	263,620	49,192	38,415	163,519	0	296,919	590,845	2,995,994	2,609	1,297	(1,136)	2,042	67,717	0	5,117,885
Accumulated net revenues (deficit)	130,559	219,092	4,642	470,236	16,516	(1,520)	(7,115)	2,541	(147,738)	(125,787)	(225,224)	1,892	3,870	9,420	(1,244)	729	0	350,869
Total capitalization	185,845	805,916	9,384	733,856	65,708	36,895	156,404	2,541	149,181	465,058	2,770,770	4,501	5,167	8,284	798	68,446	0	5,468,754
Total liabilities and capitalization	\$317,250	\$846,542	\$9,507	\$778,779	\$65,756	\$37,578	\$158,706	\$8,356	\$154,613	\$501,274	\$2,861,180	\$4,540	\$5,348	\$8,470	\$804	\$74,808	(\$897)	\$5,832,614

¹ The Department of the Interior replaced Olmsted Powerplant, from which WAPA began marketing power in 2019.

COMBINING STATEMENTS (by power system)

Combining Power System Statements of Revenues and Expenses, and Accumulated Net Revenues

For the year ended Sept. 30, 2019 (in thousands)

	Boulder Canyon	Central Valley	Collbran	Colorado River Storage	Dolores	Falcon- Amistad	Fryingpan- Arkansas	Olmsted	Pacific NW- SW Intertie	Parker- Davis	Pick-Sloan Missouri Basin Program	Provo	Rio Grande	Seedskaadee	Washoe	Other	Elimination	Hydroelectric combined total
Operating revenues:																		
Sales of electric power	\$69,701	\$168,946	\$2,331	\$183,557	\$6,817	\$3,446	\$13,656	\$244	\$0	\$17,460	\$388,972	\$286	\$4,479	\$0	\$204	\$0	(\$9,553)	\$850,546
Transmission and other operating revenues	16,883	92,635	46	67,716	0	0	5,498	3,306	41,621	48,409	229,381	0	0	42	255	1,728	(9,455)	498,065
Gross operating revenues	86,584	261,581	2,377	251,273	6,817	3,446	19,154	3,550	41,621	65,869	618,353	286	4,479	42	459	1,728	(19,008)	1,348,611
Income transfers, net	0	0	0	3,230	78	0	0	0	98	(19)	0	0	0	1,142	0	0	0	4,529
Total operating revenues	86,584	261,581	2,377	254,503	6,895	3,446	19,154	3,550	41,719	65,850	618,353	286	4,479	1,184	459	1,728	(19,008)	1,353,140
Operating expenses:																		
Operation and maintenance	87,413	96,125	1,822	93,674	689	3,345	7,038	199	10,796	24,425	213,589	449	3,866	859	128	1,829	(1,727)	544,519
Purchased power	0	40,645	0	61,792	0	0	566	0	4,371	10,514	40,584	0	0	0	91	0	(13,262)	145,301
Purchased transmission services	0	67,792	0	11,584	0	0	2,408	0	70	169	95,559	0	0	0	0	0	(4,019)	173,563
Depreciation	4,798	19,733	183	21,771	633	847	2,059	19	6,244	15,122	73,133	69	142	204	17	2	0	144,976
Administration and general	0	14,242	63	12,460	38	6	235	8	2,291	10,457	29,526	4	5	11	4	0	0	69,350
Total operating expenses	92,211	238,537	2,068	201,281	1,360	4,198	12,306	226	23,772	60,687	452,391	522	4,013	1,074	240	1,831	(19,008)	1,077,709
Net operating revenues (deficit)	(5,627)	23,044	309	53,222	5,535	(752)	6,848	3,324	17,947	5,163	165,962	(236)	466	110	219	(103)	0	275,431
Interest expenses:																		
Interest on payable to U.S. Treasury	440	15,805	142	11,621	(699)	1,494	2,858	0	18,216	25,047	101,465	30	146	131	55	135	0	176,886
Allowance for funds used during construction	0	(995)	0	(1,886)	(14)	0	(20)	0	(589)	(1,372)	(4,435)	0	0	(1)	0	(135)	0	(9,447)
Net interest on payable to U.S. Treasury	440	14,810	142	9,735	(713)	1,494	2,838	0	17,627	23,675	97,030	30	146	130	55	0	0	167,439
Interest on long-term liabilities	0	0	0	533	0	0	0	0	0	0	2,776	0	0	0	0	0	0	3,309
Net interest expenses	440	14,810	142	10,268	(713)	1,494	2,838	0	17,627	23,675	99,806	30	146	130	55	0	0	170,748
Net revenues (deficit)	(6,067)	8,234	167	42,954	6,248	(2,246)	4,010	3,324	320	(18,512)	66,156	(266)	320	(20)	164	(103)	0	104,683
Accumulated net revenues (deficit):																		
Balance, beginning of year	\$130,559	\$219,092	\$4,642	\$470,236	\$16,516	(\$1,520)	(\$7,115)	\$2,541	(\$147,738)	(\$125,787)	(\$225,224)	\$1,892	\$3,870	\$9,420	(\$1,244)	\$729	\$0	\$350,869
Irrigation assistance	0	0	0	(30,109)	0	0	0	0	0	0	(1,005)	0	0	0	0	0	0	(31,114)
Change in capitalization	347	20,775	0	0	0	201	0	0	0	0	20,921	0	0	0	(30)	(200)	0	42,014
Balance, end of year	\$124,839	\$248,101	\$4,809	\$483,081	\$22,764	(\$3,565)	(\$3,105)	\$5,865	(\$147,418)	(\$144,299)	(\$139,152)	\$1,626	\$4,190	\$9,400	(\$1,110)	\$426	\$0	\$466,452

COMBINING STATEMENTS (by power system)

Combining Power System Statements of Revenues and Expenses, and Accumulated Net Revenues

For the year ended Sept. 30, 2018 (in thousands)

	Boulder Canyon	Central Valley	Collbran	Colorado River Storage	Dolores	Falcon- Amistad	Fryingpan- Arkansas	Olmsted ¹	Pacific NW-SW Intertie	Parker- Davis	Pick-Sloan Missouri Basin Program	Provo	Rio Grande	Seedskaadee	Washoe	Other	Elimination	Hydroelectric combined total
Operating revenues:																		
Sales of electric power	\$76,936	\$133,904	\$1,264	\$162,603	\$26,918	\$5,973	(\$6,009)	\$32	\$0	\$16,457	\$400,506	\$397	\$4,949	\$0	\$119	\$0	(\$5,482)	\$818,567
Transmission and other operating revenues	8,448	97,977	48	29,200	0	0	5,774	9	40,912	57,105	230,766	0	0	45	255	1,647	(8,306)	463,880
Gross operating revenues	85,384	231,881	1,312	191,803	26,918	5,973	(235)	41	40,912	73,562	631,272	397	4,949	45	374	1,647	(13,788)	1,282,447
Income transfers, net	0	0	0	6,093	(4,978)	0	0	(1,954)	(39)	(129)	0	0	0	(1,261)	0	0	0	(2,268)
Total operating revenues	85,384	231,881	1,312	197,896	21,940	5,973	(235)	(1,913)	40,873	73,433	631,272	397	4,949	(1,216)	374	1,647	(13,788)	1,280,179
Operating expenses:																		
Operation and maintenance	76,578	92,868	1,406	116,440	3,739	3,619	7,892	1,849	12,068	46,421	207,269	296	2,792	909	100	1,588	0	575,834
Purchased power	0	31,721	0	32,222	0	0	410	0	4,038	13,017	32,362	0	0	0	166	0	(10,194)	103,742
Purchased transmission services	0	85,466	0	11,192	0	0	4,620	0	178	276	91,536	0	0	0	0	0	(3,594)	189,674
Depreciation	4,640	11,707	116	21,694	608	826	2,382	0	6,265	14,884	68,897	28	70	160	126	0	0	132,403
Administration and general	0	16,286	11	13,201	25	10	230	0	2,979	11,767	30,060	4	4	13	2	0	0	74,592
Total operating expenses	81,218	238,048	1,533	194,749	4,372	4,455	15,534	1,849	25,528	86,365	430,124	328	2,866	1,082	394	1,588	(13,788)	1,076,245
Net operating revenues (deficit)	4,166	(6,167)	(221)	3,147	17,568	1,518	(15,769)	(3,762)	15,345	(12,932)	201,148	69	2,083	(2,298)	(20)	59	0	203,934
Interest expenses:																		
Interest on payable to U.S. Treasury	1,453	12,375	134	10,697	1,518	1,524	1,672	0	17,613	23,850	107,856	(663)	105	62	61	131	0	178,388
Allowance for funds used during construction	0	(785)	(18)	(2,506)	(26)	0	1,213	0	(153)	(785)	(4,315)	0	(82)	(28)	0	(131)	0	(7,616)
Net interest on payable to U.S. Treasury	1,453	11,590	116	8,191	1,492	1,524	2,885	0	17,460	23,065	103,541	(663)	23	34	61	0	0	170,772
Interest on long-term liabilities	0	0	0	546	0	0	0	0	54	11	4,145	0	0	0	0	0	0	4,756
Net interest expenses	1,453	11,590	116	8,737	1,492	1,524	2,885	0	17,514	23,076	107,686	(663)	23	34	61	0	0	175,528
Net revenues (deficit)	2,713	(17,757)	(337)	(5,590)	16,076	(6)	(18,654)	(3,762)	(2,169)	(36,008)	93,462	732	2,060	(2,332)	(81)	59	0	28,406
Accumulated net revenues (deficit):																		
Balance, beginning of year	\$127,535	\$223,243	\$4,979	\$519,951	\$440	(\$1,515)	\$11,539	\$6,303	(\$145,569)	(\$89,779)	(\$315,987)	\$1,160	\$1,810	\$11,752	(\$1,211)	\$670	\$0	\$355,321
Irrigation assistance	0	0	0	(44,125)	0	0	0	0	0	0	0	0	0	0	0	0	0	(44,125)
Change in capitalization	311	13,606	0	0	0	1	0	0	0	0	(2,699)	0	0	0	48	0	0	11,267
Balance, end of year	\$130,559	\$219,092	\$4,642	\$470,236	\$16,516	(\$1,520)	(\$7,115)	\$2,541	(\$147,738)	(\$125,787)	(\$225,224)	\$1,892	\$3,870	\$9,420	(\$1,244)	\$729	\$0	\$350,869

¹ The Department of the Interior replaced Olmsted Powerplant, from which WAPA began marketing power in 2019.

OPERATING EXPENSES (dollars in millions)

Operation and Maintenance, Administrative and General¹

Power system	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Average
Boulder Canyon	\$72	\$65	\$65	\$77	\$87	\$73
Central Valley	110	112	105	109	110	109
Collbran	1	1	1	1	2	1
Colorado River Storage	80	81	96	130	106	99
Dolores	2	2	1	4	1	2
Falcon-Amistad	5	3	3	4	3	4
Fryingpan-Arkansas	5	6	6	8	7	6
Olmsted	0	0	6	2	0	2
Pacific NW-SW Intertie	12	12	12	15	13	13
Parker-Davis	34	46	50	58	35	45
Pick-Sloan Missouri Basin Program	220	228	232	237	243	232
Rio Grande	3	0	3	3	4	3
Seedskaadee	1	1	1	1	1	1
Other hydro projects	1	1	1	2	2	1
Total	\$546	\$558	\$582	\$651	\$614	\$591

¹ Table excludes the Elimination column.

Purchased Power¹

Power system	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Average
Central Valley	\$35	\$28	\$28	\$32	\$41	\$33
Colorado River Storage	37	22	32	32	62	37
Fryingpan-Arkansas	1	0	0	0	1	0
Pacific NW-SW Intertie	1	2	2	4	4	3
Parker-Davis	7	4	10	13	11	9
Pick-Sloan Missouri Basin Program	94	44	47	32	41	52
Total	\$175	\$100	\$119	\$113	\$160	\$134

¹ Table excludes the Elimination column.

Purchased Transmission Services¹

Power system	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Average
Central Valley	\$54	\$53	\$67	\$85	\$68	\$65
Colorado River Storage	9	7	9	11	12	10
Fryingpan-Arkansas	4	5	4	5	2	4
Pick-Sloan Missouri Basin Program	17	88	102	92	96	79
Total	\$84	\$153	\$182	\$193	\$178	\$158

¹ Table excludes the Elimination column.

Interest¹

Power system	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	Average
Boulder Canyon	\$3	(\$2)	\$2	\$1	\$0	\$1
Central Valley	10	12	11	12	15	12
Colorado River Storage	3	4	9	9	10	7
Dolores	2	2	2	1	(1)	1
Falcon-Amistad	2	2	2	2	1	2
Fryingpan-Arkansas	4	3	3	3	3	3
Pacific NW-SW Intertie	18	18	18	18	18	18
Parker-Davis	22	10	22	23	24	20
Pick-Sloan Missouri Basin Program	116	113	109	108	100	109
Provo River	0	0	0	(1)	0	0
Seedskaadee	0	(1)	0	0	0	0
Total	\$180	\$161	\$178	\$176	\$170	\$173

¹ Table excludes the Elimination column.

SUMMARY OF POWER SYSTEM COMPLETED PLANT

Summary of Power System Completed Utility Plant

As of Sept. 30, 2019 (in thousands)

Power system	Generating facilities			WAPA transmission facilities				Total completed plant
	Reclamation	Corps	IBWC	Transmission	Substation	Other	Converter station	
Boulder Canyon	\$396,829	\$0	\$0	\$11,488	\$21,230	\$0	\$0	\$429,547
Central Valley	702,950	0	0	230,812	208,756	70,615	0	1,213,133
Collbran	16,116	0	0	135	863	0	0	17,114
Colorado River Storage	606,193	0	0	212,836	379,018	124,715	0	1,322,762
Dolores	29,755	0	0	0	7,261	2,464	0	39,480
Electrical District 5-to-Palo Verde Hub ¹	0	0	0	5,165	65,459	173	0	70,797
Falcon-Amistad	0	0	50,126	0	0	0	0	50,126
Fryingpan-Arkansas	150,253	0	0	2,041	4,769	546	0	157,609
Olmsted	5,815	0	0	0	0	0	0	5,815
Other	0	0	0	0	0	24	0	24
Pacific NW-SW Intertie	0	0	0	177,388	95,275	219	0	272,882
Parker-Davis	127,914	0	0	239,636	242,240	92,525	0	702,315
Pick-Sloan Missouri Basin Program	533,467	1,225,572	0	850,855	1,073,509	291,041	65,339	4,039,783
Provo River	2,490	0	0	0	0	179	0	2,669
Rio Grande	22,936	0	0	0	12	1	0	22,949
Seedskaadee	10,600	0	0	0	1,366	14	0	11,980
Washoe	8,459	0	0	0	216	0	0	8,675
Total	\$2,613,777	\$1,225,572	\$50,126	\$1,730,356	\$2,099,974	\$582,516	\$65,339	\$8,367,660

¹ Electrical District 5-to-Palo Verde Hub is classified as Transmission Infrastructure Program in WAPA's FY 2019 Annual Report.

CONSTRUCTION WORK-IN-PROGRESS

Construction Work-In-Progress

As of Sept. 30, 2019 (in thousands)

Power system	Generating facilities			WAPA transmission facilities				Total CWIP
	Redamation	Corps	IBWC	Transmission	Substation	Other	Converter station	
Boulder Canyon	\$1,746	\$0	\$0	\$0	\$0	\$0	\$0	\$1,746
Central Valley	48,333	0	0	809	3,845	3,948	0	56,935
Collbran	203	0	0	0	0	0	0	203
Colorado River Storage Project	33,324	0	0	157	13,984	3,198	17	50,680
Dolores	102	0	0	0	32	0	0	134
Fryingpan-Arkansas	6,910	0	0	0	0	1	0	6,911
Other	0	0	0	0	0	186	0	186
Pacific NW-SW Intertie	0	0	0	95	8,030	0	0	8,125
Parker-Davis	256	0	0	17,039	19,170	6,467	0	42,932
Pick-Sloan Missouri Basin Program	19,563	31,368	0	13,734	39,341	9,221	23	113,250
Provo River	93	0	0	0	0	0	0	93
Rio Grande	449	0	0	0	0	0	0	449
Seedskaadee	74	0	0	0	8	39	0	121
Total	\$111,053	\$31,368	\$0	\$31,834	\$84,410	\$23,060	\$40	\$281,765

BOULDER CANYON PROJECT

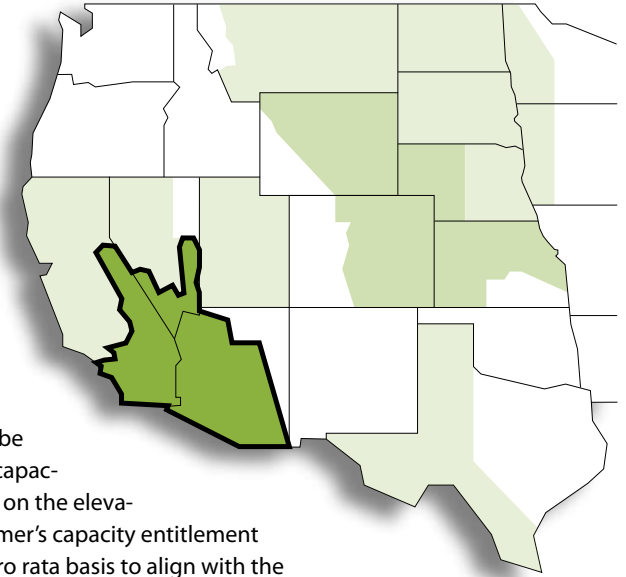
Hoover Dam, the highest and third-largest concrete dam in the United States, sits on the Colorado River along the Arizona-Nevada border. Lake Mead, the reservoir behind Hoover Dam, is still the nation's largest man-made reservoir. It can hold a two-year supply of the average flow of the Colorado River with its live storage capacity of 27.62 million acre-feet.

This enormous project began with 1928 legislation approving construction of the Boulder Canyon Project. Hoover Powerplant has 19 generating units (two for plant use) and an installed capacity of 2,078,800 kilowatts (4,800 kW for plant use). High-voltage transmission lines and substations make it possible for people from southern Nevada, Arizona and Southern California to receive power from the project.

Since the start of commercial power generation in 1936, Hoover, with yearly average generation of 4.2 billion kilowatt-hours, has served the annual electrical needs of nearly 1.3 million people. The Hoover Power Plant Act of 1984 set forth the amount of Hoover power sold to customers from June 1, 1987, to Sept. 30, 2017. On Dec. 20, 2011, the Hoover Power Allocation Act of 2011 was enacted by Congress, providing direction and guidance in the allocation of BCP power from Oct. 1, 2017, to Sept. 30, 2067.

In December 2014, WAPA's Desert Southwest region established the Boulder Canyon Project Post-2017 power allocations that took effect on Oct. 1, 2017. DSW's remarketing efforts consisted of a series of public processes that remarketed the power consistent with governing law, regulations and the public's best interest.

Power from BCP is marketed as long-term contingent capacity with associated firm energy. This means that WAPA is obligated to deliver the energy that can be generated from the available capacity, which is highly dependent on the elevation of Lake Mead. Each customer's capacity entitlement is reduced or increased on a pro rata basis to align with the available capacity at any given time. Customers are entitled to receive 4.527 billion kWh of firm energy (associated with contingent capacity) each year. If generation capacity at Hoover Powerplant is insufficient, WAPA can purchase energy to make up the shortfall at the request of individual customers on a pass-through cost basis.



BOULDER CANYON PROJECT

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	2	2
Buildings and communication sites		
Number of communication sites	2	2

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ^{1,2} FY 2019 (MW)	Actual operating capability (MW) ³		Net generation (GWh) ⁴	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Arizona-Nevada									
Hoover	Reclamation	Colorado	Sep 1936	19	2,074	1,505	1,563	3,480	3,600
Boulder Canyon total				19	2,074	1,505	1,563	3,480	3,600

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Excludes 4.8 MW reserved for plant use but included in number of units.

³ Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

⁴ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

Operating agency:

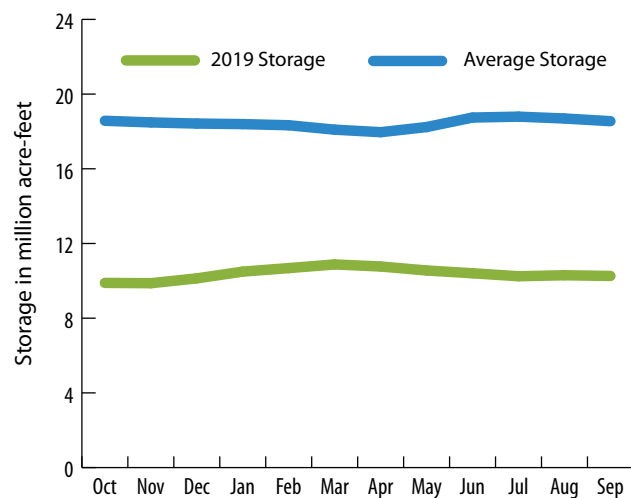
Reclamation - Bureau of Reclamation, Department of the Interior

Transmission Lines

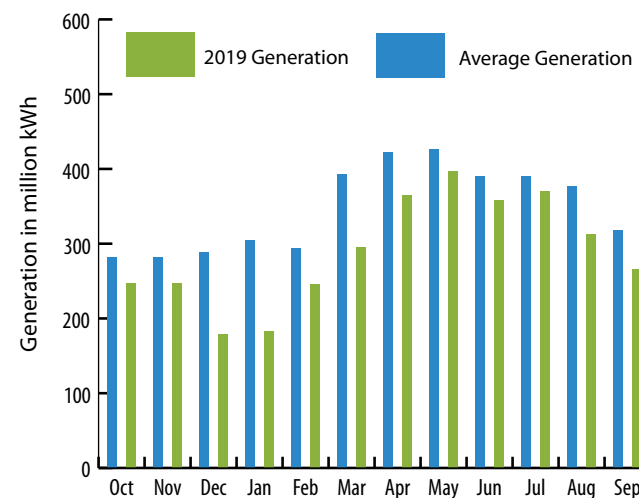
Voltage rating	Arizona		Nevada		Totals	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
230-kV						
Circuit miles	0.10	0.10	53.20	53.20	53.30	53.30
Circuit kilometers	0.16	0.16	85.60	85.60	85.76	85.76
Acres	0.00	0.00	1,135.88	1,135.88	1,135.88	1,135.88
Hectares	0.00	0.00	459.87	459.87	459.87	459.87
69-kV and below						
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	32.17	32.17	32.17	32.17
Hectares	0.00	0.00	13.02	13.02	13.02	13.02
Totals						
Circuit miles	0.10	0.10	53.20	53.20	53.30	53.30
Circuit kilometers	0.16	0.16	85.60	85.60	85.76	85.76
Acres	0.00	0.00	1,168.05	1,168.05	1,168.05	1,168.05
Hectares	0.00	0.00	472.89	472.89	472.89	472.89

BOULDER CANYON PROJECT

Storage



Generation



Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	BCP-F10	1.88	9.46 mills/kWh	10/1/2018	18.92 mills/kWh

Active Marketing Plan

Project	Expiration date
Boulder Canyon	9/30/2067

BOULDER CANYON PROJECT

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ¹
	Revenue (\$)	Revenue (\$)
Transmission service		
Wheeling and transmission service	0	0
Transmission services subtotal	0	0
Ancillary service		
Reactive supply and voltage control service	1,241,453	1,605,356
Operating reserves - spinning	0	1,104
Ancillary services subtotal	1,241,453	1,606,460
Other operating revenues ²	77,968	108,420
Transmission and other operating revenues total	1,319,421	1,714,880

¹ Transmission and other operating revenues as presented in this table are \$26,000 and \$5,000 less than the FY 2019 and FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between ancillary services revenue accrual estimates and actual ancillary services revenue.

² Other operating revenues during FY 2019 is comprised of \$51,000 in late charges and \$27,000 in other miscellaneous minor transactions.

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	806,087	0	806,087	19,619,756	0	19,619,756	793,308	21,647,458
Cooperatives	2,734	0	2,734	53,781	0	53,781	2,779	59,387
State agencies	1,514,054	0	1,514,054	28,638,758	0	28,638,758	1,523,962	31,553,833
Irrigation districts	963,815	0	963,815	13,812,502	0	13,812,502	985,585	15,249,881
Native American tribes	54,436	0	54,436	1,070,492	0	1,070,492	53,968	1,177,003
Investor-owned utilities	180,919	0	180,919	6,546,371	0	6,546,371	130,218	7,222,630
Boulder Canyon total	3,522,045	0	3,522,045	69,741,660	0	69,741,660	3,489,820	76,910,192

¹ Power revenues as presented in this table are \$41,000 greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$26,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Arizona								
State agencies	682,804	0	682,804	13,653,812	0	13,653,812	687,088	15,067,366
Native American tribes	22,517	0	22,517	446,359	0	446,359	23,067	492,886
Arizona subtotal	705,321	0	705,321	14,100,171	0	14,100,171	710,155	15,560,252
California								
Municipalities	746,300	0	746,300	18,694,738	0	18,694,738	732,904	20,627,360
Cooperatives	2,734	0	2,734	53,781	0	53,781	2,779	59,387
State agencies	5,134	0	5,134	100,899	0	100,899	5,213	111,417
Irrigation districts	963,815	0	963,815	13,812,502	0	13,812,502	985,585	15,249,881
Native American tribes	30,748	0	30,748	600,903	0	600,903	29,700	658,468
Investor-owned utilities	180,919	0	180,919	6,546,371	0	6,546,371	130,218	7,222,630
California subtotal	1,929,650	0	1,929,650	39,809,194	0	39,809,194	1,886,399	43,929,143
Nevada								
Municipalities	59,787	0	59,787	925,018	0	925,018	60,404	1,020,098
State agencies	826,116	0	826,116	14,884,047	0	14,884,047	831,661	16,375,050
Native American tribes	1,171	0	1,171	23,230	0	23,230	1,201	25,649
Nevada subtotal	887,074	0	887,074	15,832,295	0	15,832,295	893,266	17,420,797
Boulder Canyon total	3,522,045	0	3,522,045	69,741,660	0	69,741,660	3,489,820	76,910,192

¹ Power revenues as presented in this table are \$41,000 greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$26,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

BOULDER CANYON PROJECT

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arizona						
State agencies	1	0	1	1	0	1
Native American tribes	9	0	9	9	0	9
Arizona subtotal	10	0	10	10	0	10
California						
Municipalities	14	0	14	14	0	14
Cooperatives	1	0	1	1	0	1
State agencies	1	0	1	1	0	1
Irrigation districts	3	0	3	3	0	3
Native American tribes	13	0	13	12	0	12
Investor-owned utilities	1	0	1	1	0	1
California subtotal	33	0	33	32	0	32
Nevada						
Municipalities	1	0	1	1	0	1
State agencies	1	0	1	1	0	1
Native American tribes	1	0	1	1	0	1
Nevada subtotal	3	0	3	3	0	3
Boulder Canyon total	46	0	46	45	0	45

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	15	0	15	15	0	15
Cooperatives	1	0	1	1	0	1
State agencies	3	0	3	3	0	3
Irrigation districts	3	0	3	3	0	3
Native American tribes	23	0	23	22	0	22
Investor-owned utilities	1	0	1	1	0	1
Boulder Canyon total	46	0	46	45	0	45

Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Colorado River Commission of Nevada	14,884,047	21.3
2	Metropolitan Water District of Southern California	13,656,776	19.6
3	Arizona Power Authority	13,653,812	19.6
4	Los Angeles	13,444,064	19.3
5	Southern California Edison Company	6,546,371	9.4
Total		62,185,070	89.2

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Metropolitan Water District of Southern California	955,897	27.1
2	Colorado River Commission of Nevada	826,116	23.5
3	Arizona Power Authority	682,804	19.4
4	Los Angeles	511,195	14.5
5	Southern California Edison Company	180,919	5.1
Total		3,156,931	89.6

¹ Excludes energy sales and power revenues from interproject and project-use customers.

BOULDER CANYON PROJECT

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
California				
Anaheim	37,964	1,059,690	39,231	1,168,612
Azusa	3,722	104,472	3,778	115,211
Banning	1,496	48,612	1,506	53,606
Burbank	19,817	536,381	20,123	591,801
Cerritos	5,147	101,143	5,225	111,687
Colton	2,978	80,204	3,028	88,447
Corona	5,136	100,725	5,187	111,225
Glendale	53,593	865,458	54,266	954,417
Los Angeles	511,195	13,444,064	493,533	14,835,346
Pasadena	45,728	791,079	46,673	873,175
Rancho Cucamonga	5,152	101,143	5,220	111,687
Riverside	29,085	794,776	29,434	876,469
Vernon	20,774	578,473	21,142	637,932
Victorville	4,513	88,518	4,558	97,745
California subtotal	746,300	18,694,738	732,904	20,627,360
Nevada				
Boulder City	59,787	925,018	60,404	1,020,098
Nevada subtotal	59,787	925,018	60,404	1,020,098
Municipalities subtotal	806,087	19,619,756	793,308	21,647,458
COOPERATIVES				
California				
Anza Electric Cooperative	2,734	53,781	2,779	59,387
California subtotal	2,734	53,781	2,779	59,387
Cooperatives subtotal	2,734	53,781	2,779	59,387
STATE AGENCIES				
Arizona				
Arizona Power Authority	682,804	13,653,812	687,088	15,067,366
Arizona subtotal	682,804	13,653,812	687,088	15,067,366
California				
California Department of Water Resources	5,134	100,899	5,213	111,417
California subtotal	5,134	100,899	5,213	111,417
Nevada				
Colorado River Commission of Nevada	826,116	14,884,047	831,661	16,375,050
Nevada subtotal	826,116	14,884,047	831,661	16,375,050
State agencies subtotal	1,514,054	28,638,758	1,523,962	31,553,833
IRRIGATION DISTRICTS				
California				
Imperial Irrigation District	5,145	101,144	5,231	111,687
Metropolitan Water District of Southern California	955,897	13,656,776	977,532	15,077,922
San Diego County Water Authority	2,773	54,582	2,822	60,272
California subtotal	963,815	13,812,502	985,585	15,249,881
Irrigation districts subtotal	963,815	13,812,502	985,585	15,249,881

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
NATIVE AMERICAN TRIBES				
Arizona				
Fort McDowell Yavapai Nation	565	11,370	592	12,555
Gila River Indian Community Utility Authority	5,215	101,144	5,183	111,687
Hualapai Indian Tribe	648	12,835	672	14,173
Kaibab Band of Paiute Indians	219	4,187	215	4,622
Navajo Tribal Utility Authority	5,045	101,144	5,226	111,687
Pascua Yaqui Indian Tribe	749	14,717	762	16,252
Salt River Pima-Maricopa Indian Community	5,041	101,144	5,229	111,687
Tohono O'odham Utility Authority	4,640	91,379	4,723	100,903
Tonto Apache Tribe	395	8,439	465	9,320
Arizona subtotal	22,517	446,359	23,067	492,886
California				
Agua Caliente Band of Cahuilla Indians	2,483	48,897	2,527	53,995
Augustine Band of Cahuilla Indians	819	16,146	780	16,463
Bishop Paiute Tribe	631	12,834	603	14,173
Cabazon Band Mission Indians	2,195	33,831	1,750	37,357
Chemehuevi Indian Tribe	2,338	47,084	2,202	51,992
Morongo Band of Mission Indians	1,843	37,039	1,727	40,900
Pechanga Band of Luiseño Mission Indians of The Pechanga Reservation	3,435	67,453	3,482	74,483
San Luis Rey River Indian Water Authority	5,138	100,899	5,209	111,417
San Manuel Band of Mission Indians	4,286	86,112	4,014	95,088
Timbisha Shoshone Tribe	166	3,358	0	0
Torres-Martinez Desert Cahuilla Indians	2,843	55,942	2,894	61,774
Twenty-Nine Palms Band of Mission Indians	2,205	44,502	2,081	49,142
Viejas Band of Kumeyaay Indians	2,366	46,806	2,431	51,684
California subtotal	30,748	600,903	29,700	658,468
Nevada				
Las Vegas Paiute Tribe	1,171	23,230	1,201	25,649
Nevada subtotal	1,171	23,230	1,201	25,649
Native American tribes subtotal	54,436	1,070,492	53,968	1,177,003
INVESTOR-OWNED UTILITIES				
California				
Southern California Edison Company	180,919	6,546,371	130,218	7,222,630
California subtotal	180,919	6,546,371	130,218	7,222,630
Investor-owned utilities subtotal	180,919	6,546,371	130,218	7,222,630
Boulder Canyon total	3,522,045	69,741,660	3,489,820	76,910,192

¹ Power revenues as presented in this table are \$41,000 greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$26,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

BOULDER CANYON PROJECT

Status of Repayment (dollars in thousands)¹

	Cumulative 2018 ² (\$)	Adjustments ³ (\$)	Annual 2019 ⁴ (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	2,792,157	(1,110)	86,584	2,877,631
Income transfers (net)	8,811	0	0	8,811
Total operating revenue	2,800,968	(1,110)	86,584	2,886,442
EXPENSES:				
O&M and other	1,486,365	(7,939)	87,413	1,565,839
Purchase power and other	11,472	0	0	11,472
Interest				
Federally financed	376,210	0	440	376,650
Non-federally financed	217,224	0	0	217,224
Total interest	593,434	0	440	593,874
Total expense	2,091,271	(7,939)	87,853	2,171,185
(Deficit)/Surplus revenue ¹				
INVESTMENT:				
Federally financed power	494,241	11,812	0	506,053
Non-federally financed power	169,047	0	0	169,047
Nonpower	25,000	0	0	25,000
Total investment	688,288	11,812	0	700,100
INVESTMENT REPAID:				
Federally financed power	494,153	11,812	0	505,965
Non-federally financed power	163,129	0	0	163,129
Nonpower	10,385	0	557	10,942
Total investment repaid	667,667	11,812	557	680,036
INVESTMENT UNPAID:				
Federally financed power	88	0	0	88
Non-federally financed power	5,918	0	0	5,918
Nonpower	14,615	0	(557)	14,058
Total investment unpaid	20,621	0	(557)	20,064
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	99.98%			99.98%
Non-federal	96.50%			96.50%
Nonpower	41.54%			43.77%

¹ Prepared by WAPA for informational purposes. The Bureau of Reclamation is responsible for repayment of the project and the administration of the Colorado River Dam Fund.

² This column ties to the cumulative numbers on Page 47 of the FY 2018 Statistical Appendix.

³ Adjustments include variances in revenues and expenses between the financial statements and the PRS. Replacements are expensed in the Power Repayment Study but capitalized as investments in the SOR table.

⁴ Based on FY 2019 final audited financial statements..

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$32,718	\$396,829	\$429,547	\$32,718	\$392,501	\$425,219
Accumulated depreciation	(29,285)	(198,524)	(227,809)	(28,607)	(194,405)	(223,012)
Net completed plant	3,433	198,305	201,738	4,111	198,096	202,207
Construction work-in-progress	0	1,746	1,746	0	651	651
Net utility plant	3,433	200,051	203,484	4,111	198,747	202,858
Cash	0	72,079	72,079	0	79,559	79,559
Accounts receivable, net	6,568	10,015	16,583	8,305	10,735	19,040
Regulatory assets	538	9,893	10,431	419	10,044	10,463
Other assets	4,950	1,087	6,037	3,949	1,381	5,330
Total assets	15,489	293,125	308,614	16,784	300,466	317,250
Liabilities:						
Customer advances and other liabilities	12,057	12,599	24,656	12,673	12,370	25,043
Deferred revenue	0	99,570	99,570	0	103,637	103,637
Accounts payable	0	2,393	2,393	0	2,725	2,725
Total liabilities	12,057	114,562	126,619	12,673	118,732	131,405
Capitalization:						
Payable to U.S. Treasury	0	57,156	57,156	1	55,285	55,286
Accumulated net revenues (deficit)	3,432	121,407	124,839	4,110	126,449	130,559
Total capitalization	3,432	178,563	181,995	4,111	181,734	185,845
Total liabilities and capitalization	\$15,489	\$293,125	\$308,614	\$16,784	\$300,466	\$317,250

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$69,701	\$0	\$69,701	\$76,936	\$0	\$76,936
Transmission and other operating revenues	1,345	15,538	16,883	1,720	6,728	8,448
Gross operating revenues	71,046	15,538	86,584	78,656	6,728	85,384
Income transfers, net	(71,014)	71,014	0	(78,625)	78,625	0
Total operating revenues	32	86,552	86,584	31	85,353	85,384
Operating expenses:						
Operation and maintenance	348	87,065	87,413	310	76,268	76,578
Depreciation	678	4,120	4,798	678	3,962	4,640
Total operating expenses	1,026	91,185	92,211	988	80,230	81,218
Net operating revenues (deficit)	(994)	(4,633)	(5,627)	(957)	5,123	4,166
Interest expenses:						
Interest on payable to U.S. Treasury	31	409	440	32	1,421	1,453
Net interest expenses	31	409	440	32	1,421	1,453
Net revenues (deficit)	(1,025)	(5,042)	(6,067)	(989)	3,702	2,713
Accumulated net revenues (deficit):						
Balance, beginning of year	4,110	126,449	130,559	4,788	122,747	127,535
Change in capitalization	347	0	347	311	0	311
Balance, end of year	\$3,432	\$121,407	\$124,839	\$4,110	\$126,449	\$130,559

CENTRAL VALLEY PROJECT

The Central Valley Project in California's Central Valley was authorized in 1937. WAPA's Sierra Nevada region markets generation from 11 powerplants, consisting of 38 hydroelectric generating units. The generating units have an installed capacity of 2,139 megawatts. Under WAPA's SN 2004 Power Marketing Plan, SN markets the CVP, the northern portion of the Pacific Northwest-Pacific Southwest Intertie and Washoe Project through Dec. 31, 2024. The CVP includes 1,363 circuit miles of high-voltage transmission lines and transmission lines from the northern portion of the Pacific Northwest-Pacific Southwest Intertie.

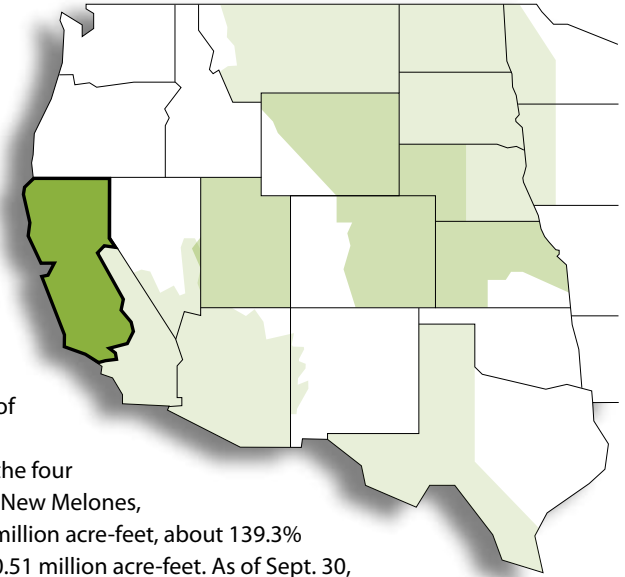
Allocations made through power marketing plans of the CVP govern power sales. Each customer receives a percentage of the output of the CVP generation, referred to as a base resource allocation. The CVP generation will vary hourly, daily, monthly and annually because it is subject to hydrological conditions and other constraints that may govern CVP operations. In addition, certain customers also receive additional power products to complement their base resource allocations. These additional power products supplement the base resource allocation and are provided through custom power contracts.

Formula-rate methodologies were approved by the Federal Energy Regulatory Commission in Rate Order No. WAPA-156, effective Oct. 1, 2011, through Sept. 30, 2016. On July 14, 2016, FERC confirmed Rate Order No. WAPA-173, which extended these rates for a three-year period from Oct. 1, 2016, to Sept. 30, 2019. Schedule CV-F13 contains a Power Revenue Requirement that is allocated to all preference customers. For the period Oct. 1, 2018, through

Sept. 30, 2019, the Power Revenue Requirement was \$74.7 million, an increase of 6.6% from the fiscal year 2018 Power Revenue Requirement of \$70.1 million.

In FY 2019, the inflow to the four major CVP reservoirs (Folsom, New Melones, Shasta and Trinity) was 14.64 million acre-feet, about 139.3% of the long-term average of 10.51 million acre-feet. As of Sept. 30, 2019, the combined storage of these four facilities was 8.23 million acre-feet or about 141% of average. Net generation totaled 4.95 million megawatt-hours.

WAPA's requirements to support generation through power purchases decreased from 3,383,143 MWh in FY 2018 to 2,625,411 MWh in FY 2019. In FY 2019, long-term power sales totaled 5.7 million MWh and \$186 million, not including project use. These revenues were derived from municipalities (15.4%), public utility districts (52.3%), federal agencies (15.2%) and others (17.1%). About 75% of CVP's firm power in FY 2019 was sold to five customers: Sacramento Municipal Utility District, City of Redding, Northern California Power Agency, Department of Energy-Bay Area Site Office and the University of California, Davis.



CENTRAL VALLEY PROJECT

Facilities, Substations

Facility	FY 2019 ¹	FY 2018 ²
Substations		
Number of substations	25	25
Number of transformers	21	21
Transformer capacity (kVA)	2,528,660	2,496,980
Land (fee)		
Acres	546.30	546.30
Hectares	221.17	221.17
Land (easement)		
Acres	85.41	85.41
Hectares	34.58	34.58
Land (permit)		
Acres	4.76	4.76
Hectares	1.93	1.93
Buildings and communication sites		
Number of buildings	69	69
Number of communication sites	22	22

¹ Four transformers were retired and replaced with four new transformers.

² FY 2018 data was restated to include Pacific NW-SW Intertie (northern portion) that was previously reported with the Pacific NW-SW Intertie (southern portion) in the "Other Projects" section.

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
California									
Folsom	Reclamation	American	May 1955	3	207	190	180	723	641
J.F. Carr	Reclamation	Clear Creek Tunnel	May 1963	2	154	70	140	228	213
Keswick	Reclamation	Sacramento	Oct 1949	3	117	55	72	352	331
Lewiston	Reclamation	Trinity	Feb 1964	1	1	0	0	3	2
New Melones	Reclamation	Stanislaus	Jun 1979	2	384	300	315	688	527
Nimbus	Reclamation	American	May 1955	2	15	10	10	35	66
O'Neill ⁴	Reclamation	San Luis Creek	Dec 1967	6	25	0	1	2	2
Shasta ^{5,6}	Reclamation	Sacramento	Jun 1944	7	714	522	560	2,227	1,834
Spring Creek	Reclamation	Spring Creek Tunnel	Jan 1964	2	180	160	160	339	127
Trinity ³	Reclamation	Trinity	Feb 1964	2	140	50	120	239	288
W.R. Gianelli ^{4,7}	CDWR	San Luis Creek	Mar 1968	8	202	0	64	89	140
Central Valley total				38	2,139	1,357	1,622	4,925	4,171

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy. Trinity generation includes generation from Lewiston.

⁴ Pump/generating plant.

⁵ Total number of units includes two station service units.

⁶ Station service units' capacity is not included.

⁷ Federal share (47.67%) of plant capability.

Operating agencies:

Reclamation - Bureau of Reclamation, Department of the Interior

CDWR - California Department of Water Resources

Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation ¹	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	CV-F13	N/A	N/A	10/1/2018	\$74,707,824

¹ There are no provisions for energy and capacity rates under CV-F13, which provides for a Power Revenue Requirement allocation to all preference customers. Annual per-unit rates are not applicable under the formula rates above.

Custom Product Power

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	CPP-2	N/A	N/A	10/1/2018	Pass-through

Active Marketing Plan

Project	Expiration date
Central Valley-Washoe	12/31/2024

CENTRAL VALLEY PROJECT

Transmission Lines

Voltage rating	California		Total	
	FY 2019	FY 2018 ¹	FY 2019	FY 2018 ¹
500-kV				
Circuit miles ²	372.40	372.40	372.40	372.40
Circuit kilometers ²	599.19	599.19	599.19	599.19
Acres	7,095.36	7,095.36	7,095.36	7,095.36
Hectares	2,872.63	2,872.63	2,872.63	2,872.63
230-kV				
Circuit miles	902.42	902.42	902.42	902.42
Circuit kilometers	1,451.99	1,451.99	1,451.99	1,451.99
Acres	10,148.79	10,148.79	10,148.79	10,148.79
Hectares	4,108.83	4,108.83	4,108.83	4,108.83
115-kV				
Circuit miles	13.55	13.55	13.55	13.55
Circuit kilometers	21.80	21.80	21.80	21.80
Acres	125.55	125.55	125.55	125.55
Hectares	50.83	50.83	50.83	50.83
69-kV and below				
Circuit miles	74.14	74.14	74.14	74.14
Circuit kilometers	119.29	119.29	119.29	119.29
Acres	553.03	553.03	553.03	553.03
Hectares	223.90	223.90	223.90	223.90
Totals				
Circuit miles	1,362.51	1,362.51	1,362.51	1,362.51
Circuit kilometers	2,192.27	2,192.27	2,192.27	2,192.27
Acres	17,922.73	17,922.73	17,922.73	17,922.73
Hectares	7,256.19	7,256.19	7,256.19	7,256.19

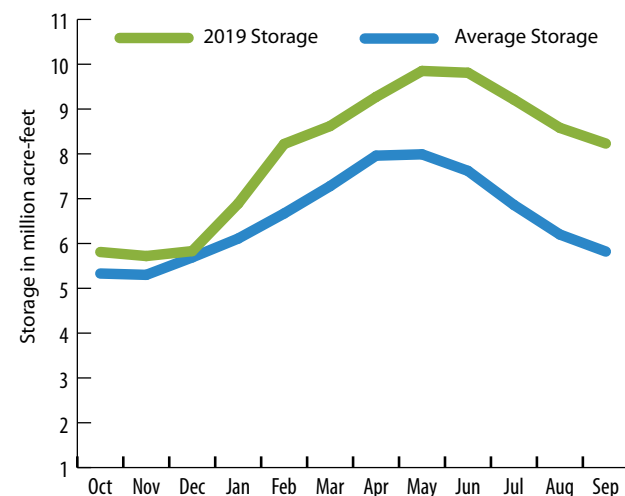
¹ FY 2018 data was restated to include Pacific NW-SW Intertie (northern portion) that was previously reported with the Pacific NW-SW Intertie (southern portion) in the "Other Projects" section.

² Includes .49 miles, or .79 kilometers, of the MLN-RDM-1 500-kV T-line located in Oregon.

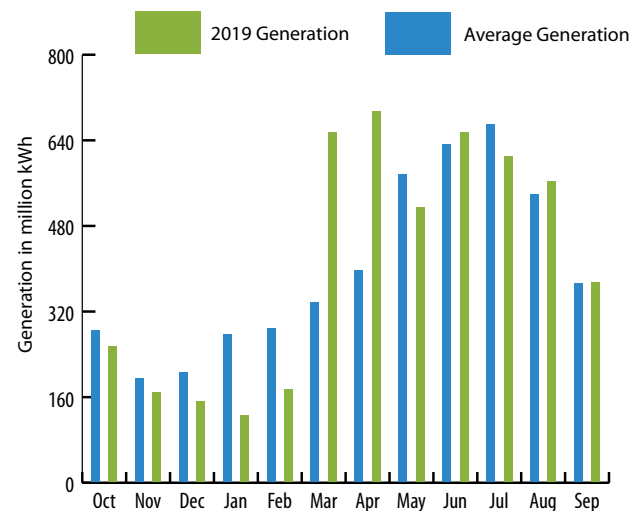
Active Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	CV-T3, CVP firm and nonfirm point-to-point transmission service	Formula rate
2019	CV-NWT5, Network transmission service	Formula rate
2019	COTP-T3, COTP firm and non-firm point-to-point transmission service	Formula rate
2019	PACI-T3, PACI firm and non-firm point-to-point transmission service	Formula rate
2019	CV-TPT7, Transmission of WAPA power by others	Pass-through
2019	CV-SPR4, Spinning reserve service	Formula rate
2019	CV-SUR4, Supplemental reserve service	Formula rate
2019	CV-RFS4, Regulation and frequency response service	Formula rate
2019	CV-EID4, Energy imbalance service	Formula rate
2019	CV-GID1, Generator imbalance service	Formula rate
2019	CV-UUP1, Unreserved-use penalties	Formula rate

Storage



Generation



CENTRAL VALLEY PROJECT

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
California								
Municipalities	1,120,035	29,341	1,149,376	28,694,483	1,314,846	30,009,329	864,130	26,772,629
Public utility districts	2,425,507	18,739	2,444,246	97,242,888	1,010,296	98,253,184	3,128,362	137,513,742
Federal agencies	856,305	125	856,430	28,308,344	1,000	28,309,344	719,971	23,086,413
State agencies	294,229	0	294,229	10,257,522	0	10,257,522	281,544	9,297,452
Irrigation districts	71,528	16,240	87,768	1,601,554	733,501	2,335,055	55,963	1,585,314
Native American tribes	11,376	0	11,376	266,026	0	266,026	9,076	262,391
Investor-owned utilities	0	5,195	5,195	0	1,199,071	1,199,071	0	0
Power marketers	0	3,399	3,399	0	200,728	200,728	0	0
Joint power authorities	877,133	0	877,133	18,919,882	0	18,919,882	708,445	18,965,943
Independent system operator corporations	0	210,084	210,084	0	10,230,194	10,230,194	170,156	9,505,264
Transportation districts	28,941	0	28,941	519,461	0	519,461	15,269	388,674
Project use	1,160,735	0	1,160,735	31,800,000	0	31,800,000	1,028,247	27,800,004
California subtotal	6,845,789	283,123	7,128,912	217,610,160	14,689,636	232,299,796	6,981,163	255,177,826
Oregon								
Federal agencies ³	0	0	0	0	0	0	220	4,756
Oregon subtotal	0	0	0	0	0	0	220	4,756
Texas								
Power marketers ³	0	0	0	0	0	0	4,774	236,257
Texas subtotal	0	0	0	0	0	0	4,774	236,257
Virginia								
Federal agencies ³	0	0	0	0	0	0	12,850	430,721
Virginia subtotal	0	0	0	0	0	0	12,850	430,721
Central Valley total	6,845,789	283,123	7,128,912	217,610,160	14,689,636	232,299,796	6,999,007	255,849,560

¹ Power revenues as presented in this table are \$63.4 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty; \$4.4 million in project-use revenues that were adjusted for FY 2018; \$10.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor corrections and transactions.

² Power revenues as presented in this table are \$121.9 million greater than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$115.9 million in netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty; \$0.6 million in project-use revenues that were adjusted for FY 2017; -\$6.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor corrections and transactions.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

CENTRAL VALLEY PROJECT

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	1,120,035	29,341	1,149,376	28,694,483	1,314,846	30,009,329	864,130	26,772,629
Public utility districts	2,425,507	18,739	2,444,246	97,242,888	1,010,296	98,253,184	3,128,362	137,513,742
Federal agencies	856,305	125	856,430	28,308,344	1,000	28,309,344	733,041	23,521,890
State agencies	294,229	0	294,229	10,257,522	0	10,257,522	281,544	9,297,452
Irrigation districts	71,528	16,240	87,768	1,601,554	733,501	2,335,055	55,963	1,585,314
Native American tribes	11,376	0	11,376	266,026	0	266,026	9,076	262,391
Investor-owned utilities	0	5,195	5,195	0	1,199,071	1,199,071	0	0
Power marketers	0	3,399	3,399	0	200,728	200,728	4,774	236,257
Joint power authorities	877,133	0	877,133	18,919,882	0	18,919,882	708,445	18,965,943
Independent system operator corporations	0	210,084	210,084	0	10,230,194	10,230,194	170,156	9,505,264
Transportation districts	28,941	0	28,941	519,461	0	519,461	15,269	388,674
Project use	1,160,735	0	1,160,735	31,800,000	0	31,800,000	1,028,247	27,800,004
Central Valley total	6,845,789	283,123	7,128,912	217,610,160	14,689,636	232,299,796	6,999,007	255,849,560

¹ Power revenues as presented in this table are \$63.4 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty; \$4.4 million in project-use revenues that were adjusted for FY 2018, \$10.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor corrections and transactions.

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Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	SMUD	86,971,338	46.8
2	Department of Energy - Bay Area Site Office ²	13,916,017	7.5
3	Redding	13,794,665	7.4
4	Northern California Power Agency	13,215,625	7.1
5	University of California, Davis	7,225,857	3.9
Total		135,123,502	72.7

¹ Excludes energy sales and power revenues from interproject and project-use customers.

² Name changed from Department of Energy - Berkeley Site Office to Department of Energy - Bay Area Site Office in April 2019.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	SMUD	2,075,816	36.5
2	Northern California Power Agency	625,352	11.0
3	Redding	502,605	8.8
4	Department of Energy - Bay Area Site Office ²	403,368	7.1
5	Santa Clara d.b.a. Silicon Valley Power	331,482	5.8
Total		3,938,623	69.2

¹ Excludes energy sales and power revenues from interproject and project-use customers.

² Name changed from Department of Energy - Berkeley Site Office to Department of Energy - Bay Area Site Office in April 2019.

Top 5 Customers in Other Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	California Independent System Operator Corporation	10,230,194	69.6
2	Roseville	1,295,396	8.8
3	Avangrid Renewables	1,143,071	7.8
4	Turlock Irrigation District	733,501	5.0
5	SMUD	671,962	4.6
Total		14,074,124	95.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	California Independent System Operator Corporation	210,084	74.2
2	Roseville	28,786	10.2
3	Turlock Irrigation District	16,240	5.7
4	SMUD	12,117	4.3
5	Modesto Irrigation District	6,622	2.3
Total		273,849	96.7

¹ Excludes energy sales and power revenues from interproject and project-use customers.

CENTRAL VALLEY PROJECT

Purchased Power

Supplier	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Cost (\$ in thousands)	Energy (MWh)	Cost (\$ in thousands)
Non-WAPA suppliers				
Avangrid Renewables	201,270	5,461	127,953	3,529
California Independent System Operator Corporation	425,456	17,593	394,193	12,542
Calpine Energy Services	2,400	1,428	2,916	84
Central Valley Project Corporation	0	156	0	48
Citigroup Energy	237,451	10,074	2,000	137
Department of Energy - Bonneville Power Administration	252,188	8,787	415,598	11,580
EDF Trading	0	965	0	0
Exelon Generation Company	3,400	159	33,730	1,690
Modesto Irrigation District	210	4	460	34
Morgan Stanley Capital Group	30,800	1,609	78,295	3,499
Orion Renewable Energy Trading Group	0	18	0	65
PacifiCorp	4,075	100	2,676	49
Portland General Electric	997	34	0	0
Powerex	0	0	22,840	816
Redding	179,813	7,792	149,157	5,525
Roseville	14,365	1,091	6,670	357
Seattle	3,600	132	1,200	26
Shell Energy North America	6,464	1,986	9,760	1,772
SMUD	1,234,497	60,336	2,122,425	105,029
Tacoma Power	4,612	84	3,679	81
Turlock Irrigation District	23,813	1,248	9,591	393
Vilot	0	0	0	382
Non-WAPA suppliers subtotal	2,625,411	119,057	3,383,143	147,638
WAPA suppliers	0	0	0	0
Purchased power total	2,625,411	119,057	3,383,143	147,638

¹ Purchased power as presented in this table is \$78.4 million greater than the FY 2019 purchased power presented on the statement of revenues and expenses and accumulated net revenues due to netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty.

² Purchased power as presented in this table is \$115.9 million greater than the FY 2018 purchased power presented on the statement of revenues and expenses and accumulated net revenues due to netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty.

Purchased Transmission Services

Supplier	FY 2019	FY 2018
	Cost (\$ in thousands)	Cost (\$ in thousands)
Non-WAPA suppliers		
3Degrees Group	0	48
California Department of Water Resources	(2,088)	3,430
California Independent System Operator Corporation	54,322	66,290
Hetch Hetchy Water and Power	2,209	0
Modesto Irrigation District	1	0
Pacific Gas and Electric Company	10,896	11,425
SMUD	2,790	2,719
Transmission Agency of Northern California	1,872	1,831
Non-WAPA suppliers subtotal	70,002	85,743
WAPA suppliers	0	0
Purchased transmission services total¹	70,002	85,743

¹ Purchased transmission services as presented in this table are \$2.2 million and \$277,000 greater than the FY 2019 and FY 2018 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues, respectively, due to other miscellaneous minor transactions.

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
California						
Municipalities	7	0	7	7	0	7
Public utility districts	8	0	8	8	0	8
Federal agencies	10	1	11	9	0	9
State agencies	10	0	10	10	0	10
Irrigation districts	8	0	8	8	0	8
Native American tribes	3	0	3	3	0	3
Investor-owned utilities	0	2	2	0	0	0
Power marketers	0	3	3	0	0	0
Joint power authorities	4	0	4	4	0	4
Independent system operator corporations	0	1	1	0	1	1
Transportation districts	2	0	2	2	0	2
California subtotal	52	7	59	51	1	52
Oregon						
Federal agencies ¹	0	0	0	0	1	1
Oregon subtotal	0	0	0	0	1	1
Texas						
Power marketers ¹	0	0	0	0	1	1
Texas subtotal	0	0	0	0	1	1
Virginia						
Federal agencies ¹	0	0	0	1	0	1
Virginia subtotal	0	0	0	1	0	1
Central Valley subtotal	52	7	59	52	3	55
Project use	40	0	40	40	0	40
Central Valley total	92	7	99	92	3	95

¹ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	7	0	7	7	0	7
Public utility districts	8	0	8	8	0	8
Federal agencies	10	1	11	10	1	11
State agencies	10	0	10	10	0	10
Irrigation districts	8	0	8	8	0	8
Native American tribes	3	0	3	3	0	3
Investor-owned utilities	0	2	2	0	0	0
Power marketers	0	3	3	0	1	1
Joint power authorities	4	0	4	4	0	4
Independent system operator corporations	0	1	1	0	1	1
Transportation districts	2	0	2	2	0	2
Central Valley subtotal	52	7	59	52	3	55
Project use	40	0	40	40	0	40
Central Valley total	92	7	99	92	3	95

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Wheeling and transmission service	7,217,895	8,926,520
Firm network transmission service	3,373,286	2,674,216
Firm point-to-point transmission service	15,497,820	17,002,393
Transmission losses	547,643	548,765
Nonfirm point-to-point transmission service	12,372	115,618
Short term point-to-point transmission service	4,567,250	2,014,478
Transmission services subtotal	31,216,266	31,281,988
Ancillary service		
Operating reserves - spinning	3,519,793	3,017,896
Operating reserves - supplemental	130,348	941,914
Regulation and frequency response	1,370,659	1,515,906
Energy imbalance service	195,560	66,605
Ancillary services subtotal	5,216,360	5,542,321
Other operating revenues ³	52,420,540	62,723,636
Transmission and other operating revenues total	88,853,166	99,547,945

¹ Transmission and other operating revenues as presented in this table are \$3.6 million less than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$0.8 million for cost of ownership changes; \$2.1 million in variances between transmission and ancillary revenue accrual estimates and actual transmission and ancillary revenues; and \$0.8 million in other miscellaneous transactions.

² Transmission and other operating revenues as presented in this table are \$1.7 million greater than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$0.7 million for cost of ownership changes; -\$2.3 million in variances between transmission and ancillary revenue accrual estimates and actual transmission and ancillary revenues; -\$0.1 million in other miscellaneous minor corrections and transactions.

³ Other operating revenues during FY 2019 is comprised of \$41.2 million in California Independent System Operator surcharges and resource adequacy fees, \$2.6 million in facility use charges, \$0.1 million in late charges, \$1.8 million in scheduling services, \$0.8 million in portfolio management and \$5.9 million in other miscellaneous transactions.

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
California				
Avenal	1,913	64,802	2,174	68,233
City and County of San Francisco	17,979	619,598	17,494	519,389
Pittsburg Power Company	24,546	871,966	24,962	804,408
Redding ^{3,4}	503,160	13,814,115	373,143	12,461,629
Roseville	233,096	6,948,726	172,423	5,709,656
Sacramento County	37,200	796,866	28,473	749,032
Santa Clara d.b.a. Silicon Valley Power	331,482	6,893,256	245,461	6,460,282
California subtotal	1,149,376	30,009,329	864,130	26,772,629
Municipalities subtotal	1,149,376	30,009,329	864,130	26,772,629
PUBLIC UTILITY DISTRICTS				
California				
Calaveras Public Power Agency	32,102	627,192	33,651	289,700
East Bay Municipal Utility District	27,405	1,124,247	20,549	688,915
Lassen Municipal Utility District ⁵	123,078	4,817,218	137,243	4,798,432
Modesto Irrigation District	36,029	855,617	17,219	534,930
Shelter Cove Resort Improvement District No. 1	5,114	177,630	5,125	163,514
SMUD ³	2,087,933	87,643,300	2,770,900	129,408,762
Trinity Public Utilities District	106,011	2,832,492	118,413	1,411,668
Tuolumne Public Power Agency	26,574	175,488	25,262	217,821
California subtotal	2,444,246	98,253,184	3,128,362	137,513,742
Public utility districts subtotal	2,444,246	98,253,184	3,128,362	137,513,742
FEDERAL AGENCIES				
California				
Beale Air Force Base	88,182	3,035,859	85,662	2,720,310
Department of Defense - Defense Logistics Agency	16,061	547,940	16,186	497,937
Department of Energy - Bay Area Site Office ⁶	403,368	13,916,017	299,733	10,141,380
Department of Energy - Bonneville Power Administration ⁷	125	1,000	0	0
National Aeronautics and Space Administration - Ames Research Center	132,614	3,138,656	118,938	3,265,478
National Aeronautics and Space Administration - Ames Research Center, Eastside Airfield	14,671	494,064	14,413	443,598
Naval Air Station Lemoore	78,563	2,780,362	74,315	2,334,051
Naval Radio Station Dixon	1,161	42,377	1,132	35,508
Naval Support Activity Monterey ⁷	12,301	467,733	0	0
The Presidio Trust	13,813	500,682	12,444	416,548
Travis Air Force Base	95,571	3,384,654	97,148	3,231,603
California subtotal	856,430	28,309,344	719,971	23,086,413

CENTRAL VALLEY PROJECT

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Oregon				
Department of Energy - Bonneville Power Administration ⁷	0	0	220	4,756
Oregon subtotal	0	0	220	4,756
Virginia				
Naval Support Activity Monterey ⁷	0	0	12,850	430,721
Virginia subtotal	0	0	12,850	430,721
Federal agencies subtotal	856,430	28,309,344	733,041	23,521,890
STATE AGENCIES				
California				
California Department of Corrections and Rehabilitation - California Medical Facility, Vacaville	14,323	494,605	13,572	446,842
California Department of Corrections and Rehabilitation - California State Prison, Sacramento	5,274	113,073	4,025	105,596
California Department of Corrections and Rehabilitation - Deuel Vocational Institution	20,016	698,608	14,963	513,358
California Department of Corrections and Rehabilitation - Northern California Youth Correctional Center	35,673	1,305,369	35,857	1,263,074
California Department of Corrections and Rehabilitation - Sierra Conservation Center	11,555	135,936	11,668	100,919
California Department of Parks and Recreation	155	4,974	115	4,676
California State University, Sacramento	4,951	105,307	3,787	99,426
California State University, Sacramento - Aquatic and Boat Safety Center	396	9,972	301	9,365
University of California, Davis ⁸	194,232	7,225,857	191,432	6,601,217
University of California, San Francisco	7,654	163,821	5,824	152,979
California subtotal	294,229	10,257,522	281,544	9,297,452
State agencies subtotal	294,229	10,257,522	281,544	9,297,452
IRRIGATION DISTRICTS				
California				
Byron Bethany Irrigation District	2,917	72,474	2,630	68,710
East Contra Costa Irrigation District	4,499	105,962	4,557	112,408
Merced Irrigation District	25,364	506,137	15,181	389,361
Placer County Water Agency	1,002	26,844	930	25,211
Reclamation District 2035	6,862	224,059	6,878	211,732
San Juan Water District	3,442	74,838	2,618	70,406
South San Joaquin Irrigation District	3,635	116,109	3,511	108,834
Turlock Irrigation District ⁹	40,047	1,208,632	19,658	598,652
California subtotal	87,768	2,335,055	55,963	1,585,314
Irrigation districts subtotal	87,768	2,335,055	55,963	1,585,314

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
NATIVE AMERICAN TRIBES				
California				
Coyote Valley Band of Pomo Indians	898	9,915	1,047	10,862
Hoop Valley Tribe	3,012	104,370	2,875	88,787
Table Mountain Rancheria	7,466	151,741	5,154	162,742
California subtotal	11,376	266,026	9,076	262,391
Native American tribes subtotal	11,376	266,026	9,076	262,391
INVESTOR-OWNED UTILITIES				
California				
Avangrid Renewables	4,395	1,143,071	0	0
Avista Corporation	800	56,000	0	0
California subtotal	5,195	1,199,071	0	0
Investor-owned utilities subtotal	5,195	1,199,071	0	0
POWER MARKETERS				
California				
Constellation	2,175	112,040	0	0
Seattle City Light	720	63,360	0	0
Shell Energy North America ⁷	504	25,328	0	0
California subtotal	3,399	200,728	0	0
Texas				
Shell Energy North America ⁷	0	0	4,774	236,257
Texas subtotal	0	0	4,774	236,257
Power marketers subtotal	3,399	200,728	4,774	236,257
JOINT POWER AUTHORITIES				
California				
Eastside Power Authority ¹⁰	18,014	415,093	18,196	467,757
Marin Clean Energy	37,808	612,649	26,134	1,004,324
Northern California Power Agency ¹¹	625,352	13,215,625	477,792	12,598,547
Power and Water Resources Pooling Authority ¹²	195,959	4,676,515	186,323	4,895,315
California subtotal	877,133	18,919,882	708,445	18,965,943
Joint power authorities subtotal	877,133	18,919,882	708,445	18,965,943
INDEPENDENT SYSTEM OPERATOR CORPORATIONS				
California				
California Independent System Operator Corporation	210,084	10,230,194	170,156	9,505,264
California subtotal	210,084	10,230,194	170,156	9,505,264

CENTRAL VALLEY PROJECT

Independent system operator corporations subtotal	210,084	10,230,194	170,156	9,505,264
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Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
TRANSPORTATION DISTRICTS				
California				
Bay Area Rapid Transit District	28,203	503,876	14,722	374,633
Port of Stockton	738	15,585	547	14,041
California subtotal	28,941	519,461	15,269	388,674
Transportation districts subtotal	28,941	519,461	15,269	388,674
PROJECT USE				
California				
Project use (40 customers)	1,160,735	31,800,000	1,028,247	27,800,004
California subtotal	1,160,735	31,800,000	1,028,247	27,800,004
Project-use subtotal	1,160,735	31,800,000	1,028,247	27,800,004
Central Valley total	7,128,912	232,299,796	6,999,007	255,849,560

¹ Power revenues as presented in this table are \$63.4 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$78.4 million in netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty; \$4.4 million in project-use revenues that were adjusted for FY 2018, \$10.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor corrections and transactions.

² Power revenues as presented in this table are \$121.9 million greater than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$115.9 million in netted transactions where WAPA simultaneously purchases and sells electric power to the same counterparty; \$0.6 million in project-use revenues that were adjusted for FY 2017, -\$6.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor corrections and transactions.

³ The pass-through revenues and expenses for the supplemental power sales for the City of Redding and SMUD are included in the statistical appendix, but they are netted in the combined financial statements.

⁴ The City of Redding includes allocations to the City of Shasta Lake and the Redding Rancheria.

⁵ The Lassen Municipal Utility District includes an allocation to the Susanville Indian Rancheria.

⁶ Name was changed from Department of Energy - Berkeley Site Office to Department of Energy - Bay Area Site Office in April 2019.

⁷ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

⁸ The University of California-Davis includes an allocation to the University of California-Berkeley.

⁹ The Turlock Irrigation District includes an allocation to the Patterson Water District.

¹⁰ The Eastside Power Authority includes an allocation to the San Luis Water District.

¹¹ The Northern California Power Agency includes allocations to the cities of Alameda, Biggs, Fallon, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto and Ukiah, as well as the Plumas-Sierra Rural Electric Cooperative, the Port of Oakland and the Truckee Donner Public Utility District.

¹² The Power and Water Resources Pooling Authority includes allocations to Arvin-Edison Water Storage District; Banta-Carbona, Byron-Bethany, Glenn-Colusa, James, Lower Tule River, Provident and Princeton, West Side, and West Stanislaus Irrigation Districts; Cawelo and Westlands Water Districts; and Reclamation District #108.

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	10,021,030	81,807	261,581	10,364,418
Income transfers (net)	10,163	0	0	10,163
Total operating revenue	10,031,193	81,807	261,581	10,374,581
EXPENSES:				
O&M and other	2,258,961	2,921	110,367	2,372,249
Purchase power and other	6,671,505	78,413	108,437	6,858,355
Interest				
Federally financed	496,780	(288)	14,810	511,302
Non-federally financed	0	0	0	0
Total interest	496,780	(288)	14,810	511,302
Total expense	9,427,246	81,046	233,614	9,741,906
(Deficit)/surplus revenue	(119)	761	(642)	0
INVESTMENT:				
Federally financed power	875,451	0	66,237	941,688
Non-federally financed power	0	0	0	0
Nonpower	59,670	0	3,434	63,104
Total investment	935,121	0	69,671	1,004,792
INVESTMENT REPAID:				
Federally financed power	604,066	0	28,609	632,675
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	604,066	0	28,609	632,675
INVESTMENT UNPAID:				
Federally financed power	271,343	0	37,628	308,971
Non-federally financed power	0	0	0	0
Nonpower	59,670	0	3,434	63,104
Total investment unpaid	331,013	0	41,062	372,075
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	69.00%			67.19%
Non-federal	N/A			N/A
Nonpower	0.00%			0.00%

¹ This column ties to the cumulative numbers on Page 57 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

CENTRAL VALLEY PROJECT

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$510,183	\$702,950	\$1,213,133	\$494,575	\$689,400	\$1,183,975
Accumulated depreciation	(238,547)	(413,745)	(652,292)	(227,385)	(405,845)	(633,230)
Net completed plant	271,636	289,205	560,841	267,190	283,555	550,745
Construction work-in-progress	8,602	48,333	56,935	12,181	8,290	20,471
Net utility plant	280,238	337,538	617,776	279,371	291,845	571,216
Cash	187,043	57,006	244,049	165,879	54,323	220,202
Accounts receivable, net	33,969	2	33,971	31,257	2	31,259
Regulatory assets	8,414	3,828	12,242	7,510	2,760	10,270
Other assets	13,210	0	13,210	13,595	0	13,595
Total assets	522,874	398,374	921,248	497,612	348,930	846,542
Liabilities:						
Customer advances and other liabilities	20,140	4,817	24,957	19,436	4,573	24,009
Accounts payable	12,691	1,625	14,316	13,381	1,082	14,463
Environmental cleanup liabilities	1,765	445	2,210	1,739	415	2,154
Total liabilities	34,596	6,887	41,483	34,556	6,070	40,626
Capitalization:						
Payable to U.S. Treasury	487,197	144,467	631,664	411,989	174,835	586,824
Accumulated net revenues (deficit)	1,081	247,020	248,101	51,067	168,025	219,092
Total capitalization	488,278	391,487	879,765	463,056	342,860	805,916
Total liabilities and capitalization	\$522,874	\$398,374	\$921,248	\$497,612	\$348,930	\$846,542

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$168,946	\$0	\$168,946	\$133,904	\$0	\$133,904
Transmission and other operating revenues	92,500	135	92,635	97,827	150	97,977
Gross operating revenues	261,446	135	261,581	231,731	150	231,881
Income transfers, net	(116,346)	116,346	0	(32,098)	32,098	0
Total operating revenues	145,100	116,481	261,581	199,633	32,248	231,881
Operating expenses:						
Operation and maintenance	56,112	40,013	96,125	42,482	50,386	92,868
Purchased power	40,645	0	40,645	31,721	0	31,721
Purchased transmission services	67,792	0	67,792	85,466	0	85,466
Depreciation	11,833	7,900	19,733	10,650	1,057	11,707
Administration and general	14,242	0	14,242	16,286	0	16,286
Total operating expenses	190,624	47,913	238,537	186,605	51,443	238,048
Net operating revenues (deficit)	(45,524)	68,568	23,044	13,028	(19,195)	(6,167)
Interest expenses:						
Interest on payable to U.S. Treasury	9,184	6,621	15,805	8,487	3,888	12,375
Allowance for funds used during construction	(851)	(144)	(995)	(665)	(120)	(785)
Net interest on payable to U.S. Treasury	8,333	6,477	14,810	7,822	3,768	11,590
Net interest expenses	8,333	6,477	14,810	7,822	3,768	11,590
Net revenues (deficit)	(53,857)	62,091	8,234	5,206	(22,963)	(17,757)
Accumulated net revenues (deficit):						
Balance, beginning of year	51,067	168,025	219,092	41,958	181,285	223,243
Change in capitalization	3,871	16,904	20,775	3,903	9,703	13,606
Balance, end of year	\$1,081	\$247,020	\$248,101	\$51,067	\$168,025	\$219,092

LOVELAND AREA PROJECTS

WAPA's Post-1989 Power Marketing Plan, administered by the Rocky Mountain region, operationally and contractually integrates the Fryingpan-Arkansas Project, commonly referred to as Fry-Ark, and the Pick-Sloan Missouri Basin Program—Western Division as the Loveland Area Projects for marketing and rate-setting purposes. In fiscal year 2019, RM delivered LAP power to customers under 49 firm electric service, or FES, power contracts and 12 Bureau of Reclamation project-use contracts in Colorado, Kansas, Nebraska and Wyoming.

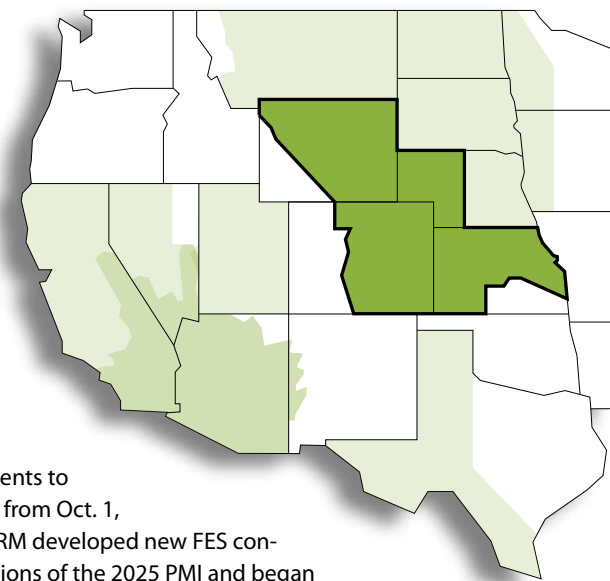
RM uses a single LAP rate design for FES, based upon the combined Fry-Ark and Western Division revenue requirements. The FES rate, effective Jan. 1, 2018, is made up of a base rate of 31.44 mills per kilowatt-hour and a drought-adder component of 0.00 mills/kWh. RM completed its annual review of the drought adder component in October 2019 and determined the drought adder component charge, effective January 2020, will remain at 0.00 mills/kWh.

Fry-Ark and Western Division financial and repayment responsibilities remain separate. The Pick-Sloan Missouri Basin Program financial statements contain information that reflects costs from both the Eastern and Western divisions, as well as the generating agencies—Reclamation and the Army Corps of Engineers. The Western Division is allocated a portion of those costs. Fry-Ark financial statements reflect Western and Reclamation Fry-Ark information.

The LAP firm power contracts, which are in effect through Sept. 30, 2024, provide a fixed amount of capacity and energy each month. LAP firm energy is determined on long-term average generation; capacity is allocated based on the amount determined to be available 90% of the time.

RM published the Final Notice for the LAP 2025 Power Marketing Initiative, which was developed through a public process and extends the current Post-1989 Marketing Plan, with amendments to key marketing plan principles, from Oct. 1, 2024, through Sept. 30, 2054. RM developed new FES contracts to implement the provisions of the 2025 PMI and began executing the contracts in FY 2015 to ensure the delivery of LAP power through Sept. 30, 2054. RM has executed contracts with all but two of the LAP allocation holders and will continue to work with customers to execute the remaining 2025 LAP PMI contracts.

LAP reservoir storage was 106% of average at the beginning of FY 2019. The reservoir inflows were 115% of average for the Colorado-Big Thompson Project, 125% in the North Platte Basin and 124% in the Bighorn Basin. The resulting LAP reservoir storage at the end of FY 2019 was 125% of average. LAP generation was 103% of the marketed firm energy in FY 2019.



Fryingpan-Arkansas

This multipurpose transmountain diversion project is located in south-central Colorado. It diverts water from the Fryingpan River on the western slope of the Rocky Mountains to the Arkansas River on the eastern slope to support irrigation, municipal water supplies and electric power generation. The Bureau of Reclamation owns all Fry-Ark facilities constructed to date.

The project has six dams and five reservoirs with a total storage capacity of 741,000 acre-feet of water, 70 miles of tunnels and canals and the Mount Elbert pumped-storage powerplant on the shore of Twin Lakes Reservoir. The two Mount Elbert pump generating units have a combined installed capacity of 200 megawatts. Although the majority of project capacity depends on water pumped during off-peak hours and water releases for power production when needed during on-peak hours, some generation is attributed to flow-through water.

The Mount Elbert pumped-storage plant has proven to be particularly valuable to WAPA and its customers. The plant provides WAPA with system regulation and reserves while firm power customers have the ability to maximize their use of the pumped-storage capability under their contracts by taking delivery during the day (on peak) and returning energy at night (off peak) to pump water back into the Mount Elbert forebay from Twin Lakes Reservoir.

Pick-Sloan Missouri Basin Program - Western Division

Both the Eastern and Western divisions have common electrical facilities at Yellowtail Dam in Montana and at a point near Gering, Nebraska. The divisions, however, operate as separate and distinct systems. Both divisions contribute revenue to repay Pick-Sloan expenses and investments using different generating resources, firm power allocation methodologies and rate structures.

The installed capacity of the Western Division's 19 powerplants is 630 MW. These generating resources include six powerplants built as part of five units of the Pick-Sloan: Boysen, Glendo, Kortes, Riverton and Yellowtail. The remaining 13 powerplants were constructed as part of four other Reclamation projects authorized before Pick-Sloan. These projects, which are now integrated with Pick-Sloan, are the Colorado-Big Thompson, Kendrick, North Platte and Shoshone projects and are referred to as the Integrated Projects. Reclamation owns, operates and maintains all Western Division powerplants.

LOVELAND AREA PROJECTS

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations ¹	84	82
Number of transformers	72	72
Transformer capacity (kVA)	3,676,880	3,676,880
Land (fee)		
Acres	530.35	530.35
Hectares	214.72	214.72
Land (easement)		
Acres	163.24	163.24
Hectares	66.09	66.09

Facilities, Substations, continued

Facility	FY 2019	FY 2018
Buildings and communication sites		
Number of buildings	198	198
Number of communication sites ²	120	118
Land (fee)		
Acres	59.87	59.87
Hectares	24.24	24.24
Land (easement)		
Acres	45.77	45.77
Hectares	18.53	18.53

¹ One new substation (Goshen), one data correction

² One new communication site (Goshen), one data correction

Transmission Lines

Voltage rating	Colorado		Nebraska		Wyoming		Total	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
230-kV								
Circuit miles	91.93	91.93	125.79	125.79	471.91	471.91	689.63	689.63
Circuit kilometers	147.92	147.92	202.40	202.40	759.30	759.30	1,109.62	1,109.62
Acres	1,196.78	1,196.78	1,949.64	1,949.64	6,372.03	6,372.03	9,518.45	9,518.45
Hectares	484.53	484.53	789.33	789.33	2,579.77	2,579.77	3,853.63	3,853.63
138-kV								
Circuit miles	23.50	23.50	0.00	0.00	0.00	0.00	23.50	23.50
Circuit kilometers	37.81	37.81	0.00	0.00	0.00	0.00	37.81	37.81
Acres	285.99	285.99	0.00	0.00	0.00	0.00	285.99	285.99
Hectares	115.79	115.79	0.00	0.00	0.00	0.00	115.79	115.79
115-kV								
Circuit miles	662.40	662.40	345.48	345.48	1,139.26	1,139.26	2,147.14	2,147.14
Circuit kilometers	1,065.80	1,065.80	555.88	555.88	1,833.07	1,833.07	3,454.75	3,454.75
Acres	5,500.89	5,500.89	3,499.92	3,499.92	10,424.69	10,424.69	19,425.50	19,425.50
Hectares	2,227.09	2,227.09	1,416.97	1,416.97	4,220.53	4,220.53	7,864.59	7,864.59
69-kV and below								
Circuit miles	44.37	44.37	69.44	69.44	392.21	392.21	506.02	506.02
Circuit kilometers	71.39	71.39	111.73	111.73	631.07	631.07	814.19	814.19
Acres	859.30	859.30	331.16	331.16	3,500.90	3,500.90	4,691.36	4,691.36
Hectares	347.90	347.90	134.07	134.07	1,417.37	1,417.37	1,899.34	1,899.34
Totals								
Circuit miles	822.20	822.20	540.71	540.71	2,003.38	2,003.38	3,366.29	3,366.29
Circuit kilometers	1,322.92	1,322.92	870.01	870.01	3,223.44	3,223.44	5,416.37	5,416.37
Acres	7,842.96	7,842.96	5,780.72	5,780.72	20,297.62	20,297.62	33,921.30	33,921.30
Hectares	3,175.31	3,175.31	2,340.37	2,340.37	8,217.67	8,217.67	13,733.35	13,733.35

LOVELAND AREA PROJECTS

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Colorado									
Big Thompson	Reclamation	Trans-Mtn. Div.	Apr 1959	1	5	5	5	8	1
Estes	Reclamation	Trans-Mtn. Div.	Sep 1950	3	45	45	45	135	110
Flatiron ^{4,5}	Reclamation	Trans-Mtn. Div.	Jan 1954	3	95	98	96	276	210
Green Mountain	Reclamation	Blue	May 1943	2	26	26	26	59	38
Marys Lake	Reclamation	Trans-Mtn. Div.	May 1951	1	8	8	8	48	38
Mount Elbert ⁴	Reclamation	Arkansas	Oct 1981	2	200	206	200	233	273
Pole Hill	Reclamation	Trans-Mtn. Div.	Jan 1954	1	38	32	38	220	142
Montana									
Yellowtail ^{6,7}	Reclamation	Big Horn	Aug 1966	2	125	103	63	447	582
Wyoming									
Alcova	Reclamation	North Platte	Jul 1955	2	41	41	41	94	108
Boysen	Reclamation	Big Horn	Aug 1952	2	15	15	15	69	78
Buffalo Bill	Reclamation	Shoshone	May 1995	3	18	18	18	88	122
Fremont Canyon	Reclamation	North Platte	Dec 1960	2	67	67	67	185	238
Glendo	Reclamation	North Platte	Dec 1958	2	38	38	38	85	77
Guernsey	Reclamation	North Platte	Jul 1928	2	6	6	6	20	16
Heart Mountain	Reclamation	Shoshone	Dec 1948	1	5	5	5	22	22
Kortes	Reclamation	North Platte	Jun 1950	3	36	36	36	151	114
Pilot Butte ⁸	Reclamation	Wind	Jan 1999	2	2	0	0	0	0
Seminole	Reclamation	North Platte	Aug 1939	3	52	51	52	141	105
Shoshone	Reclamation	Shoshone	May 1995	1	3	3	3	18	20
Spirit Mountain	Reclamation	Shoshone	May 1995	1	5	5	5	17	15
Loveland Area Projects Total				39	830	808	767	2,316	2,309

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

⁴ Pump/generating plant.

⁵ Only Unit 3 has pump/generation capability.

⁶ RM and UGP each market half of the plant capability and energy.

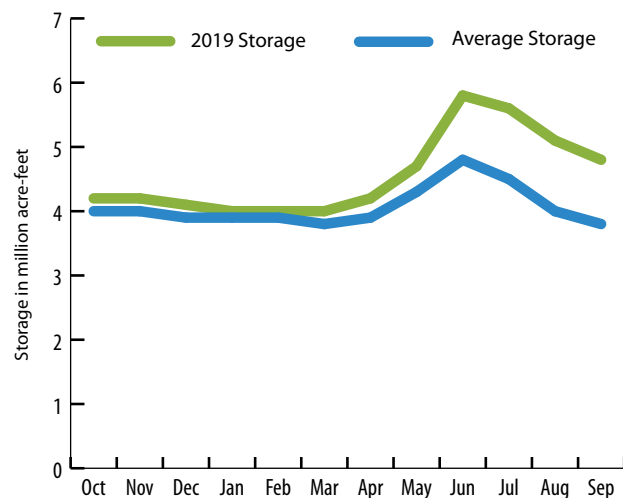
⁷ Normal sustained maximum capacity of each unit is 62.5 MW, but units may be evaluated for higher output on a case-by-case basis.

⁸ Plant mothballed due to repair cost but not decommissioned.

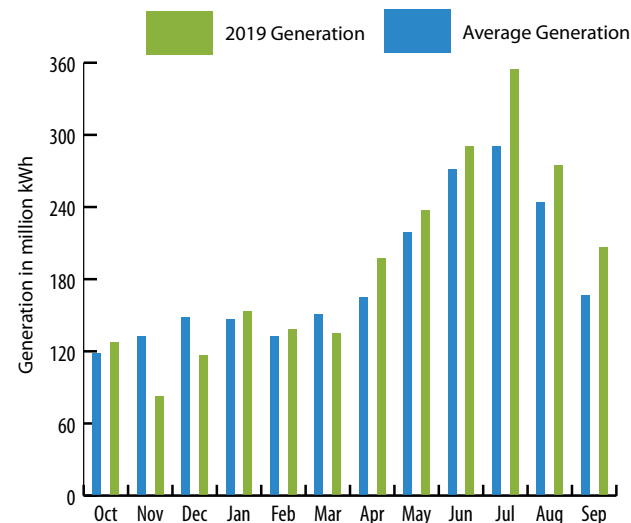
Operating Agencies:

Reclamation - Bureau of Reclamation, Department of the Interior

Storage



Generation



LOVELAND AREA PROJECTS

Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	L-F11, LAP Firm Electric Service	4.12	15.72 mills/kWh	1/1/2018	31.44 mills/kWh

Active Marketing Rate Provisions

Fiscal year	Rate schedule designation	Rate	Effective date
2019	L-M2, Sales of surplus products	Determined at time of sale based on Market Rates, plus administrative costs	1/1/2018

Active Transmission and Ancillary Service Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	L-NT1, Annual transmission revenue requirement for network integration transmission service	Load ratio share of 1/12 of the revenue requirement of \$72,430,672
2019	L-FPT1, Long-term firm and short-term firm point-to-point transmission service	\$4.09/kW-month
2019	L-NFPT1, Nonfirm point-to-point transmission service	5.60 mills/kWh (maximum)
2019	L-AS1, Scheduling, system control and dispatch service	\$22.55 schedule/day
2019	L-AS2, Reactive supply and voltage control from generation sources service	\$0.078/kW-month
2019	L-AS3, Regulation and frequency response service	\$0.230/kW-month; wind multiplier 170%, solar multiplier 100%
2019	L-AS4, Energy imbalance service	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty
2019	L-AS5, Operating reserve - spinning reserve service	Pass-through cost
2019	L-AS6, Operating reserve - supplemental reserve service	Pass-through cost
2019	L-AS7, Transmission losses service	4.5% - weighted average real-time hourly WACM purchase price
2019	L-AS9, Generator imbalance service	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty; variable generators pay up to a 10% penalty
2019	L-UU1, Unreserved-use penalties	200% of LAP's firm point-to-point rate
2019	WC-8, WestConnect regional nonfirm point-to-point transmission service	LAP's nonfirm point-to-point rate converted to on- and off-peak rates

Active Marketing Plan

Project	Expiration date
Loveland Area Projects	9/30/2054

LOVELAND AREA PROJECTS

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Arizona								
Cooperatives	0	1,732	1,732	0	26,974	26,974	256	8,817
Federal agencies	0	187	187	0	2,987	2,987	5	90
State agencies	0	48,962	48,962	0	567,439	567,439	27,075	390,282
Investor-owned utilities ³	0	37,680	37,680	0	472,801	472,801	9,429	161,720
Power marketers	0	95	95	0	760	760	0	0
Interproject	0	22,991	22,991	0	412,461	412,461	3,794	131,371
Arizona subtotal	0	111,647	111,647	0	1,483,422	1,483,422	40,559	692,280
Arkansas								
Independent system operator corporations	0	35	35	0	3,537	3,537	105	5,788
Arkansas subtotal	0	35	35	0	3,537	3,537	105	5,788
Colorado								
Municipalities	455,713	50,189	505,902	14,137,946	270,141	14,408,087	503,368	15,285,340
Cooperatives	980,649	104,329	1,084,978	32,128,355	918,568	33,046,923	1,029,455	33,823,415
Federal agencies	44,126	0	44,126	1,078,626	0	1,078,626	46,126	1,155,503
Investor-owned utilities	0	4,562	4,562	0	74,145	74,145	2,643	35,588
Power marketers ³	0	2,115	2,115	0	20,916	20,916	0	0
Project use ³	212	0	212	2,697	0	2,697	113	791
Colorado subtotal	1,480,700	161,195	1,641,895	47,347,624	1,283,770	48,631,394	1,581,705	50,300,637
Idaho								
Project use ³	0	0	0	0	0	0	15	102
Idaho subtotal	0	0	0	0	0	0	15	102
Kansas								
Municipalities	110,671	0	110,671	3,391,738	0	3,391,738	111,100	3,531,611
Cooperatives	108,893	0	108,893	2,710,687	0	2,710,687	108,466	2,805,681
Native American tribes	23,579	0	23,579	749,354	0	749,354	23,579	778,423
Joint power authorities	14,718	0	14,718	468,079	0	468,079	14,789	488,244
Project use	708	0	708	1,770	0	1,770	0	0
Kansas subtotal	258,569	0	258,569	7,321,628	0	7,321,628	257,934	7,603,959
Montana								
Interproject	0	15	15	0	546	546	0	0
Montana subtotal	0	15	15	0	546	546	0	0
Nebraska								
Municipalities	127,108	683	127,791	4,271,030	14,439	4,285,469	136,052	4,582,441
Public utility districts	13,628	0	13,628	363,032	0	363,032	13,628	374,920
Nebraska subtotal	140,736	683	141,419	4,634,062	14,439	4,648,501	149,680	4,957,361
Nevada								
Joint power authorities	0	855	855	0	13,987	13,987	168	5,040
Nevada subtotal	0	855	855	0	13,987	13,987	168	5,040
New Mexico								
Investor-owned utilities	0	2,562	2,562	0	48,754	48,754	1,260	28,280
New Mexico subtotal	0	2,562	2,562	0	48,754	48,754	1,260	28,280
New York								
Power marketers ³	0	0	0	0	0	0	14	134
New York subtotal	0	0	0	0	0	0	14	134

LOVELAND AREA PROJECTS

Power Sales by State and Customer Category, continued

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
North Dakota								
Cooperatives	82,020	17,335	99,355	2,478,426	113,458	2,591,884	87,054	2,633,532
North Dakota subtotal	82,020	17,335	99,355	2,478,426	113,458	2,591,884	87,054	2,633,532
Oregon								
Investor-owned utilities ³	0	0	0	0	0	0	1,414	9,318
Oregon subtotal	0	0	0	0	0	0	1,414	9,318
South Dakota								
Investor-owned utilities	0	134,320	134,320	0	984,821	984,821	85,548	721,545
South Dakota subtotal	0	134,320	134,320	0	984,821	984,821	85,548	721,545
Utah								
Interproject	0	467,861	467,861	0	7,474,207	7,474,207	249,717	3,671,767
Utah subtotal	0	467,861	467,861	0	7,474,207	7,474,207	249,717	3,671,767
Wyoming								
Municipalities	57,418	17	57,435	1,746,649	762	1,747,411	59,129	1,847,182
Cooperatives	450	0	450	12,013	0	12,013	450	12,574
Federal agencies	16,214	0	16,214	411,128	0	411,128	17,080	441,965
Irrigation districts	133	0	133	3,643	0	3,643	119	4,327
Native American tribes	4,178	0	4,178	132,901	0	132,901	4,178	138,206
Project use	8,973	0	8,973	22,433	0	22,433	9,633	24,083
Wyoming subtotal	87,366	17	87,383	2,328,767	762	2,329,529	90,589	2,468,337
Loveland Area Projects total	2,049,391	896,525	2,945,916	64,110,507	11,421,703	75,532,210	2,545,762	73,098,080

¹ Power revenues as presented in this table are \$61.9 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; -\$0.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$79.1 million greater than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$80 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$0.9 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	750,910	50,889	801,799	23,547,363	285,342	23,832,705	809,649	25,246,574
Cooperatives	1,172,012	123,396	1,295,408	37,329,481	1,059,000	38,388,481	1,225,681	39,284,019
Public utility districts	13,628	0	13,628	363,032	0	363,032	13,628	374,920
Federal agencies	60,340	187	60,527	1,489,754	2,987	1,492,741	63,211	1,597,558
State agencies	0	48,962	48,962	0	567,439	567,439	27,075	390,282
Irrigation districts	133	0	133	3,643	0	3,643	119	4,327
Native American tribes	27,757	0	27,757	882,255	0	882,255	27,757	916,629
Investor-owned utilities	0	179,124	179,124	0	1,580,521	1,580,521	100,294	956,451
Power marketers	0	2,210	2,210	0	21,676	21,676	14	134
Joint power authorities	14,718	855	15,573	468,079	13,987	482,066	14,957	493,284
Independent system operator corporations	0	35	35	0	3,537	3,537	105	5,788
Interproject	0	490,867	490,867	0	7,887,214	7,887,214	253,511	3,803,138
Project use	9,893	0	9,893	26,900	0	26,900	9,761	24,976
Loveland Area Projects total	2,049,391	896,525	2,945,916	64,110,507	11,421,703	75,532,210	2,545,762	73,098,080

¹ Power revenues as presented in this table are \$61.9 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; -\$0.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

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LOVELAND AREA PROJECTS

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arizona						
Cooperatives	0	2	2	0	2	2
Federal agencies	0	1	1	0	1	1
State agencies	0	1	1	0	1	1
Investor-owned utilities ¹	0	3	3	0	2	2
Power marketers	0	1	1	0	0	0
Arizona subtotal	0	8	8	0	6	6
Arkansas						
Independent system operator corporations	0	1	1	0	1	1
Arkansas subtotal	0	1	1	0	1	1
Colorado						
Municipalities	11	0	11	11	0	11
Cooperatives	2	0	2	2	0	2
Federal agencies	6	0	6	6	0	6
Investor-owned utilities	0	2	2	0	1	1
Power marketers ¹	0	2	2	0	0	0
Colorado subtotal	19	4	23	19	1	20
Kansas						
Municipalities	7	0	7	6	0	6
Cooperatives	4	0	4	4	0	4
Native American tribes	4	0	4	4	0	4
Joint power authorities	1	0	1	1	0	1
Kansas subtotal	16	0	16	15	0	15
Nebraska						
Municipalities	5	0	5	5	0	5
Public utility districts	1	0	1	1	0	1
Nebraska subtotal	6	0	6	6	0	6
Nevada						
Joint power authorities	0	1	1	0	1	1
Nevada subtotal	0	1	1	0	1	1
New Mexico						
Investor-owned utilities	0	1	1	0	1	1
New Mexico subtotal	0	1	1	0	1	1
New York						
Power marketers ¹	0	0	0	0	1	1
New York subtotal	0	0	0	0	1	1
North Dakota						
Cooperatives	1	0	1	1	0	1
North Dakota subtotal	1	0	1	1	0	1
Oregon						
Investor-owned utilities ¹	0	0	0	0	1	1
Oregon subtotal	0	0	0	0	1	1
South Dakota						
Investor-owned utilities	0	2	2	0	2	2
South Dakota subtotal	0	2	2	0	2	2

Customers by State and Customer Category, continued

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Wyoming						
Municipalities	2	0	2	2	0	2
Cooperatives	1	0	1	1	0	1
Federal agencies	1	0	1	1	0	1
Irrigation districts	2	0	2	2	0	2
Native American tribes	1	0	1	1	0	1
Wyoming subtotal	7	0	7	7	0	7
Loveland Area Projects subtotal	49	17	66	48	14	62
Interproject	0	3	3	0	2	2
Project use	12	0	12	8	0	8
Loveland Area Projects total	61	20	81	56	16	72

¹ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	25	0	25	24	0	24
Cooperatives	8	2	10	8	2	10
Public utility districts	1	0	1	1	0	1
Federal agencies	7	1	8	7	1	8
State agencies	0	1	1	0	1	1
Irrigation districts	2	0	2	2	0	2
Native American tribes	5	0	5	5	0	5
Investor-owned utilities	0	8	8	0	7	7
Power marketers	0	3	3	0	1	1
Joint power authorities	1	1	2	1	1	2
Independent system operator corporations	0	1	1	0	1	1
Loveland Area Projects subtotal	49	17	66	48	14	62
Interproject	0	3	3	0	2	2
Project use	12	0	12	8	0	8
Loveland Area Projects total	61	20	81	56	16	72

LOVELAND AREA PROJECTS

Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Tri-State Generation and Transmission Association	29,899,155	46.7
2	Colorado Springs Utilities	6,204,176	9.7
3	Municipal Energy Agency of Nebraska	3,947,932	6.2
4	Platte River Power Authority	3,257,048	5.1
5	Kansas Municipal Energy Agency	3,123,806	4.9
Total		46,432,117	72.6

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Tri-State Generation and Transmission Association	899,729	44.1
2	Colorado Springs Utilities	209,412	10.3
3	Municipal Energy Agency of Nebraska	118,161	5.8
4	Platte River Power Authority	109,535	5.4
5	Kansas Municipal Energy Agency	101,806	5.0
Total		1,438,643	70.6

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Black Hills Energy	978,678	27.7
2	Tri-State Generation and Transmission Association	918,549	26.0
3	Salt River Project	567,439	16.1
4	Tucson Electric Power Company	379,398	10.7
5	Colorado Springs Utilities	237,224	6.7
Total		3,081,288	87.2

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Black Hills Energy	134,207	33.1
2	Tri-State Generation and Transmission Association	104,328	25.7
3	Salt River Project	48,962	12.1
4	Colorado Springs Utilities	44,939	11.1
5	Tucson Electric Power Company	25,185	6.2
Total		357,621	88.2

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Purchased Power

Supplier	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Cost (\$ in thousands)	Energy (MWh)	Cost (\$ in thousands)
Non-WAPA suppliers				
Basin Electric Power Cooperative	77,997	2,053	279,801	6,687
Black Hills Energy	3,300	151	4,556	210
Colorado Springs Utilities	13,967	485	13,429	495
Macquire Energy	30,800	816	0	0
Morgan Stanley	97	6	373	14
Mountain Parks Electric	211	27	321	38
Municipal Energy Agency of Nebraska	279	9	4,322	137
PacifiCorp	41,584	1,236	12,753	397
Platte River Power Authority	23,087	632	47,639	1,044
PowerEx Corp.	608	62	574	34
Public Service Company of Colorado	116,846	3,469	77,183	2,196
Public Service Company of New Mexico	588	19	3,634	89
Rolling Hills Electric Cooperative	264	78	158	82
Salt River Project	12,263	524	43,832	1,813
Southwest Power Pool	1,691	100	4,552	53
Tri-State Generation and Transmission Association	38,543	1,138	22,828	595
Tucson Electric Power Company	175	8	4,297	154
UNS Electric	0	0	25	1
Non-WAPA suppliers subtotal	362,300	10,813	520,276	14,038
WAPA suppliers				
Desert Southwest region	20	0	85	1
Salt Lake City Area/Integrated Projects	5,372	162	16,292	619
Upper Great Plains region	2,085	56	1,964	28
WAPA suppliers subtotal	7,477	218	18,341	648
Purchased power total	369,777	11,031	538,617	14,686

¹ Purchased power as presented in this table is \$10.5 million greater than the FY 2019 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$14.4 million in expenses related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$2.4 million in merchant services; \$0.4 million in interchange energy expense; \$1.1 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

² Purchased power as presented in this table is \$14.3 million greater than the FY 2018 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$15.4 million in expenses related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$2.3 million in merchant services; -\$1.2 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

LOVELAND AREA PROJECTS

Purchased Transmission Services

Supplier	FY 2019 ¹	FY 2018 ²
	Cost (\$ in thousands)	Cost (\$ in thousands)
PURCHASED TRANSMISSION		
Non-WAPA suppliers		
High Plains Power	0	20
Nebraska Public Power District	758	715
PacifiCorp	114	103
Public Service Company of Colorado	2,704	4,093
Rolling Hills Electric Corporation	30	30
Southwest Power Pool	38	46
Sunflower Electric Power Corporation	2,503	2,527
Tri-State Generation and Transmission Association	200	171
Non-WAPA suppliers subtotal	6,347	7,705
WAPA suppliers		
Salt Lake City Area/Integrated Projects	8	0
WAPA suppliers subtotal	8	0
Purchased transmission subtotal	6,355	7,705
PURCHASED ANCILLARY SERVICES		
Non-WAPA suppliers		
Aztec	73	177
Basin Electric Power Cooperative	146	249
Black Hills Energy	354	856
Black Hills State University	21	14
Cheyenne Light, Fuel and Power Company	26	28
Colorado Springs Utilities	44	61
Deseret Generation and Transmission Cooperative	57	104
Farmington	41	155
Holy Cross Electric Association	8	3
Kimball Wind	47	2
Los Alamos County	2	20
Municipal Energy Agency of Nebraska	224	128
Navajo Tribal Utility Authority	285	433
PacifiCorp	762	677
Page Electric Utility	22	37
Public Service Company of Colorado ³	128	(145)
Salt River Project	1	0
Tri-State Generation and Transmission Association	3,179	2
Warren Air Force Base	135	60
Wyoming Municipal Power Agency	1	12
Non-WAPA suppliers subtotal	5,556	2,873

Purchased Transmission Services, continued

Supplier	FY 2019 ¹	FY 2018 ²
	Cost (\$ in thousands)	Cost (\$ in thousands)
WAPA suppliers		
Desert Southwest region	39	0
Salt Lake City Area/Integrated Projects	462	767
WAPA suppliers subtotal	501	767
Purchased ancillary services subtotal	6,057	3,640
Purchased Transmission Services total	12,412	11,345

¹ Purchased transmission services as presented in this table are \$10 million greater than the FY 2019 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$9.5 million in expenses related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; -\$0.5 million in variances between purchase transmission and ancillary services accrual estimates and actual purchased services along with other miscellaneous minor transactions.

² Purchased transmission services as presented in this table are \$6.7 million greater than the FY 2018 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$6.9 million in expenses related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$0.2 million in variances between purchase transmission and ancillary services accrual estimates and actual purchased services along with other miscellaneous minor transactions.

³ Prior year credit balance is due to prior year adjustments to Reactive Supply and Voltage Control support charges.

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm network transmission service	42,754,590	41,134,054
Firm point-to-point transmission service	4,805,940	5,206,877
Transmission losses	4,947,617	4,819,647
Nonfirm point-to-point transmission service	4,521,620	3,565,212
Short term point-to-point transmission service	3,822,540	335,270
Transmission services subtotal	60,852,307	55,061,060
Ancillary service		
Generator imbalance service	2,932,259	2,099,866
Reactive supply and voltage control service	1,536,972	1,057,406
Scheduling and dispatch service	983,014	998,042
Operating reserves - spinning	396,352	329,376
Operating reserves - supplemental	1,572	0
Regulation and frequency response	7,033,927	6,594,170
Energy imbalance service	3,468,888	7,669,749
Ancillary services subtotal	16,352,984	18,748,609
Other operating revenues ³	1,198,848	1,025,046
Transmission and other operating revenues total	78,404,139	74,834,715

¹ Transmission and other operating revenues as presented in this table are \$72.9 million greater than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$73.4 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$0.1 million in variances between transmission revenue accrual estimates and actual transmission revenues; \$0.4 million in variances between ancillary services revenue accrual estimates and actual ancillary services revenue along with other miscellaneous minor transactions.

² Transmission and other operating revenues as presented in this table are \$69.1 million greater than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$68.9 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$0.5 million in variances between transmission revenue accrual estimates and actual transmission revenues; -\$0.7 million in variances between ancillary services revenue accrual estimates and actual ancillary services revenue along with other miscellaneous minor transactions.

³ Other operating revenues during FY 2019 is comprised of \$0.5 million in rental income and \$0.7 million in other miscellaneous minor transactions.

LOVELAND AREA PROJECTS

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Colorado				
Arkansas River Power Authority	74,397	2,422,908	79,394	2,587,838
Burlington	4,053	126,920	4,053	131,177
Center	1,072	28,535	1,160	31,320
Colorado Springs Utilities	254,351	6,441,400	241,468	6,802,390
Denver	6,803	226,635	6,803	234,704
Fort Morgan	29,907	1,214,700	31,816	1,292,590
Fountain	6,522	207,026	6,948	221,359
Frederick	304	7,436	927	23,470
Holyoke	5,542	173,558	5,931	185,553
Platte River Power Authority	114,781	3,289,960	116,115	3,489,441
Wray	8,170	269,009	8,753	285,498
Colorado subtotal	505,902	14,408,087	503,368	15,285,340
Kansas				
Clay Center	5,218	155,316	5,218	161,138
Glasco	492	15,532	492	16,086
Kansas Municipal Energy Agency	101,806	3,123,806	102,619	3,266,370
Lucas	384	12,169	0	0
Minneapolis	871	27,544	871	28,461
St. Marys	1,453	43,292	1,453	44,964
Waterville	447	14,079	447	14,592
Kansas subtotal	110,671	3,391,738	111,100	3,531,611
Nebraska				
Lodgepole	248	7,862	248	8,194
Mullen	613	15,367	613	16,055
Municipal Energy Agency of Nebraska	118,844	3,962,371	126,765	4,241,627
Sidney	5,048	204,301	5,388	217,196
Wauneta	3,038	95,568	3,038	99,369
Nebraska subtotal	127,791	4,285,469	136,052	4,582,441
Wyoming				
Gillette	26,053	618,362	27,751	669,671
Wyoming Municipal Power Agency	31,382	1,129,049	31,378	1,177,511
Wyoming subtotal	57,435	1,747,411	59,129	1,847,182
Municipalities subtotal	801,799	23,832,705	809,649	25,246,574
COOPERATIVES				
Arizona				
Arizona Electric Power Cooperative	160	980	90	2,250
Resource Management Services	1,572	25,994	166	6,567
Arizona subtotal	1,732	26,974	256	8,817

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Colorado				
Intermountain Rural Electric Association	80,921	2,229,219	84,515	2,383,133
Tri-State Generation and Transmission Association	1,004,057	30,817,704	944,940	31,440,282
Colorado subtotal	1,084,978	33,046,923	1,029,455	33,823,415
Kansas				
Kansas Electric Power Cooperative	86,752	2,010,196	86,752	2,091,329
Midwest Energy	8,887	282,145	8,887	292,779
Nemaha-Marshall Electric Cooperative Association	4,172	131,228	4,172	136,462
Sunflower Electric Power Corporation	9,082	287,118	8,655	285,111
Kansas subtotal	108,893	2,710,687	108,466	2,805,681
North Dakota				
Basin Electric Power Cooperative	99,355	2,591,884	87,054	2,633,532
North Dakota subtotal	99,355	2,591,884	87,054	2,633,532
Wyoming				
Willwood Light and Power Company	450	12,013	450	12,574
Wyoming subtotal	450	12,013	450	12,574
Cooperatives subtotal	1,295,408	38,388,481	1,225,681	39,284,019
PUBLIC UTILITY DISTRICTS				
Nebraska				
Nebraska Public Power District	13,628	363,032	13,628	374,920
Nebraska subtotal	13,628	363,032	13,628	374,920
Public utility districts subtotal	13,628	363,032	13,628	374,920
FEDERAL AGENCIES				
Arizona				
Bureau of Indian Affairs - Colorado River Agency	187	2,987	5	90
Arizona subtotal	187	2,987	5	90
Colorado				
Air Force Academy	10,940	256,596	11,521	276,772
Cheyenne Mountain Air Force Base	5,488	127,885	5,796	138,179
Department of Agriculture - Arapahoe and Roosevelt National Forests	1	9	1	11
Fort Carson	5,748	182,679	5,748	189,811
Peterson Air Force Base	10,977	255,771	11,552	275,707
Schriever Air Force Base	10,972	255,686	11,508	275,023
Colorado subtotal	44,126	1,078,626	46,126	1,155,503

LOVELAND AREA PROJECTS

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Wyoming				
Warren Air Force Base	16,214	411,128	17,080	441,965
Wyoming subtotal	16,214	411,128	17,080	441,965
Federal agencies subtotal	60,527	1,492,741	63,211	1,597,558
STATE AGENCIES				
Arizona				
Salt River Project	48,962	567,439	27,075	390,282
Arizona subtotal	48,962	567,439	27,075	390,282
State agencies subtotal	48,962	567,439	27,075	390,282
IRRIGATION DISTRICTS				
Wyoming				
Goshen Irrigation District	1	218	1	26
Midvale Irrigation District	132	3,425	118	4,301
Wyoming subtotal	133	3,643	119	4,327
Irrigation districts subtotal	133	3,643	119	4,327
NATIVE AMERICAN TRIBES				
Kansas				
Iowa Tribe of Kansas and Nebraska	3,680	116,958	3,680	121,596
Kickapoo Tribe in Kansas	5,042	160,308	5,042	166,563
Prairie Band Potawatomi Nation	9,916	315,024	9,916	327,034
Sac and Fox	4,941	157,064	4,941	163,230
Kansas subtotal	23,579	749,354	23,579	778,423
Wyoming				
Wind River Reservation	4,178	132,901	4,178	138,206
Wyoming subtotal	4,178	132,901	4,178	138,206
Native American tribes subtotal	27,757	882,255	27,757	916,629
INVESTOR-OWNED UTILITIES				
Arizona				
PacifiCorp ³	7,934	27,808	0	0
Tucson Electric Power Company	25,185	379,398	8,430	145,851
UNS Electric	4,561	65,595	999	15,869
Arizona subtotal	37,680	472,801	9,429	161,720
Colorado				
Idaho Power Company	0	74	0	0
Public Service Company of Colorado	4,562	74,071	2,643	35,588
Colorado subtotal	4,562	74,145	2,643	35,588
New Mexico				
Public Service Company of New Mexico	2,562	48,754	1,260	28,280
New Mexico subtotal	2,562	48,754	1,260	28,280

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Oregon				
PacifiCorp ³	0	0	1,414	9,318
Oregon subtotal	0	0	1,414	9,318
South Dakota				
Black Hills Colorado Electric Utilities	113	6,143	21	1,848
Black Hills Energy	134,207	978,678	85,527	719,697
South Dakota subtotal	134,320	984,821	85,548	721,545
Investor-owned utilities subtotal	179,124	1,580,521	100,294	956,451
POWER MARKETERS				
Arizona				
Powerex	95	760	0	0
Arizona subtotal	95	760	0	0
Colorado				
Morgan Stanley Capital Group ³	2,065	20,196	0	0
The Energy Authority	50	720	0	0
Colorado subtotal	2,115	20,916	0	0
New York				
Morgan Stanley Capital Group ³	0	0	14	134
New York subtotal	0	0	14	134
Power marketers subtotal	2,210	21,676	14	134
JOINT POWER AUTHORITIES				
Kansas				
Kansas City Board of Public Utilities	14,718	468,079	14,789	488,244
Kansas subtotal	14,718	468,079	14,789	488,244
Nevada				
Silver State Energy Association	855	13,987	168	5,040
Nevada subtotal	855	13,987	168	5,040
Joint power authorities subtotal	15,573	482,066	14,957	493,284
INDEPENDENT SYSTEM OPERATOR CORPORATIONS				
Arkansas				
Southwest Power Pool	35	3,537	105	5,788
Arkansas subtotal	35	3,537	105	5,788
Independent system operator corporations subtotal	35	3,537	105	5,788
INTERPROJECT				
Arizona				
Desert Southwest region	22,991	412,461	3,794	131,371
Arizona subtotal	22,991	412,461	3,794	131,371

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Montana				
Upper Great Plains region	15	546	0	0
Montana subtotal	15	546	0	0
Utah				
Colorado River Storage Project Management Center	467,861	7,474,207	249,717	3,671,767
Utah subtotal	467,861	7,474,207	249,717	3,671,767
Interproject subtotal	490,867	7,887,214	253,511	3,803,138
PROJECT USE				
Colorado				
Colorado (6 customers) ³	212	2,697	113	791
Colorado subtotal	212	2,697	113	791
Idaho				
Idaho ³	0	0	15	102
Idaho subtotal	0	0	15	102
Kansas				
Kansas (3 customers)	708	1,770	0	0
Kansas subtotal	708	1,770	0	0
Wyoming				
Wyoming (3 customers)	8,973	22,433	9,633	24,083
Wyoming subtotal	8,973	22,433	9,633	24,083
Project-use subtotal	9,893	26,900	9,761	24,976
Loveland Area Projects total	2,945,916	75,532,210	2,545,762	73,098,080

¹ Power revenues as presented in this table are \$61.9 million greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; -\$0.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$79.1 million greater than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$80 million in revenue related to Pick-Sloan's Western Division, which is included separately in Pick-Sloan Missouri Basin Program's statements of revenues and expenses and accumulated net revenues; \$0.9 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	500,065	0	19,154	519,219
Income transfers (net)	0	0	0	0
Total operating revenue	500,065	0	19,154	519,219
EXPENSES:				
O&M and other	147,871	0	7,273	155,144
Purchase power and other	124,859	0	2,974	127,833
Interest				
Federally financed	158,117	0	2,838	160,955
Non-federally financed	0	0	0	0
Total interest	158,117	0	2,838	160,955
Total expense	430,847	0	13,085	443,932
(Deficit)/surplus revenue	0	0	0	0
INVESTMENT:				
Federally financed power	166,999	0	10	167,009
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	166,999	0	10	167,009
INVESTMENT REPAID:				
Federally financed power	69,218	0	6,069	75,287
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	69,218	0	6,069	75,287
INVESTMENT UNPAID:				
Federally financed power	97,781	0	(6,059)	91,722
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	97,781	0	(6,059)	91,722
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	41.45%			45.08%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 71 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$7,356	\$150,253	\$157,609	\$7,356	\$150,346	\$157,702
Accumulated depreciation	(6,620)	(80,745)	(87,365)	(6,545)	(78,761)	(85,306)
Net completed plant	736	69,508	70,244	811	71,585	72,396
Construction work-in-progress	1	6,910	6,911	14	5,366	5,380
Net utility plant	737	76,418	77,155	825	76,951	77,776
Cash	4,063	40,872	44,935	3,322	73,163	76,485
Accounts receivable, net	3,151	2	3,153	3,369	3	3,372
Regulatory assets	61	865	926	49	1,024	1,073
Total assets	8,012	118,157	126,169	7,565	151,141	158,706
Liabilities:						
Customer advances and other liabilities	80	1,031	1,111	66	1,169	1,235
Accounts payable	389	134	523	821	225	1,046
Environmental cleanup liabilities	4	18	22	4	17	21
Total liabilities	473	1,183	1,656	891	1,411	2,302
Capitalization:						
Payable to U.S. Treasury	2,912	124,706	127,618	2,773	160,746	163,519
Accumulated net revenues (deficit)	4,627	(7,732)	(3,105)	3,901	(11,016)	(7,115)
Total capitalization	7,539	116,974	124,513	6,674	149,730	156,404
Total liabilities and capitalization	\$8,012	\$118,157	\$126,169	\$7,565	\$151,141	\$158,706

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$13,656	\$0	\$13,656	(\$6,009)	\$0	(\$6,009)
Transmission and other operating revenues	5,498	0	5,498	5,774	0	5,774
Gross operating revenues	19,154	0	19,154	(235)	0	(235)
Income transfers, net	(14,154)	14,154	0	(1,503)	1,503	0
Total operating revenues	5,000	14,154	19,154	(1,738)	1,503	(235)
Operating expenses:						
Operation and maintenance	844	6,194	7,038	833	7,059	7,892
Purchased power	566	0	566	410	0	410
Purchased transmission services	2,408	0	2,408	4,620	0	4,620
Depreciation	75	1,984	2,059	96	2,286	2,382
Administration and general	235	0	235	230	0	230
Total operating expenses	4,128	8,178	12,306	6,189	9,345	15,534
Net operating revenues (deficit)	872	5,976	6,848	(7,927)	(7,842)	(15,769)
Interest expenses:						
Interest on payable to U.S. Treasury	146	2,712	2,858	142	1,530	1,672
Allowance for funds used during construction	0	(20)	(20)	0	1,213	1,213
Net interest on payable to U.S. Treasury	146	2,692	2,838	142	2,743	2,885
Net interest expenses	146	2,692	2,838	142	2,743	2,885
Net revenues (deficit)	726	3,284	4,010	(8,069)	(10,585)	(18,654)
Accumulated net revenues (deficit):						
Balance, beginning of year	3,901	(11,016)	(7,115)	11,970	(431)	11,539
Balance, end of year	\$4,627	(\$7,732)	(\$3,105)	\$3,901	(\$11,016)	(\$7,115)

PARKER-DAVIS PROJECT

The Parker-Davis Project was formed by consolidating two projects, Parker Dam and Davis Dam, under terms of the Consolidate Parker Dam Power Project and Davis Dam Project Act on May 28, 1954.

Davis Dam, on the Colorado River 67 miles below Hoover Dam, created Lake Mohave. The project was authorized under the Reclamation Project Act of 1939. Construction began in 1941, but due to delays caused by World War II, it was not completed until 1953. Davis Dam has a storage capacity of 1.8 million acre-feet. The five generation units' operating capacity is 255,000 kilowatts.

Parker Dam, which created Lake Havasu 155 miles below Hoover Dam on the Colorado River, was authorized by the Rivers and Harbors Act of Aug. 30, 1935. Reclamation constructed the project partly with funds advanced by the Metropolitan Water District of Southern California, which now diverts nearly 1.2 million acre-feet each year by pumping it from Lake Havasu. The Cooperative Contract for Construction and Operation of Parker Dam was agreed to in 1933. MWD receives half of the capacity and energy from four generating units. The 50% federal share of Parker Powerplant capacity, as determined by Reclamation, is 60,000 kW.

The Parker-Davis Project is currently marketed to 35 customers in southern Nevada, Arizona and Southern California, and it supplies the electrical needs of more than 300,000 people. The project includes more than 1,500 circuit-miles of high-voltage transmission lines in Arizona, southern Nevada and along the Colorado River in Southern California.

In December 2006, WAPA announced the final Post-2008 Resource Pool Allocation Procedures for existing and new preference customers. As a result, all firm power contracts entered into under the Post-2008 Procedures became effective from Oct. 1, 2008, to Sept. 30, 2028.

Currently, the marketed Parker-Davis Project resource, excluding project-use power, provides for 221,705 kW of capacity in the winter season and 283,676 kW capacity in the summer season. Customers receive 1,703 kilowatt-hours (winter season) and 3,441 kWh

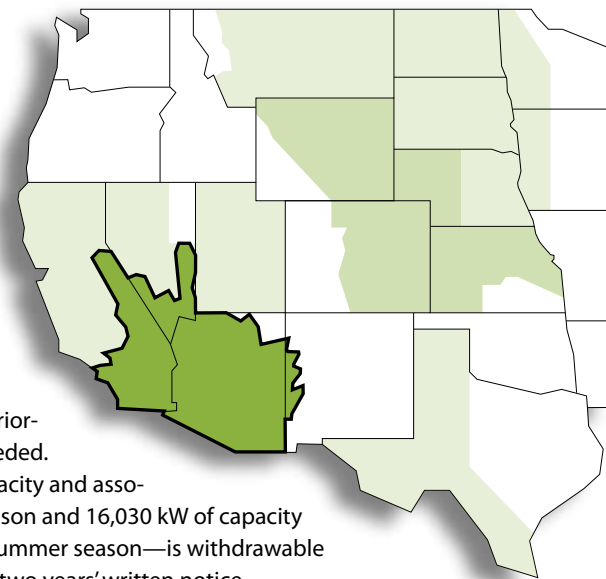
(summer season) of energy with each kW of capacity. Excluding project use, total marketable energy is 393 million kWh (winter season) and 1,032 million kWh (summer season).

A portion of the resource marketed is reserved for U.S. priority use, but is not presently needed. This portion—9,460 kW of capacity and associated energy in the winter season and 16,030 kW of capacity and associated energy in the summer season—is withdrawable from existing customers upon two years' written notice.

Water demands in the Lower Colorado River Basin and releases from Hoover Dam determine the operation of the Parker-Davis Project. Parker Dam released 6.2 million acre-feet and Davis Dam released 8.5 million acre-feet during fiscal year 2019. Storage in Lake Mohave was 1.6 million acre-feet and storage in Lake Havasu was 0.6 million acre-feet at the end of the fiscal year.

The net generation for the Parker-Davis Project decreased from 1,349 gigawatt-hours in FY 2018 to 1,293 GWh in FY 2019. During FY 2019, there were about 271 GWh of power purchases required to meet statutory obligations.

FY 2019 energy sales were made according to the marketable energy outlined in Parker-Davis firm electric service contracts.



PARKER-DAVIS PROJECT

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	48	48
Number of transformers	29	29
Transformer capacity (kVA)	2,208,000	2,208,000
Land (fee)		
Acres	362.88	362.88
Hectares	146.92	146.92
Land (easement)		
Acres	87.44	87.44
Hectares	35.40	35.40

Facilities, Substations, continued

Facility	FY 2019	FY 2018
Land (withdrawal)		
Acres	115.00	115.00
Hectares	46.56	46.56
Buildings and communication sites		
Number of buildings	77	77
Number of communication sites	59	59
Land (easement)		
Acres	8.32	8.32
Hectares	3.37	3.37

Transmission Lines

Voltage rating	Arizona		California		Nevada		Total	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
230-kV								
Circuit miles	777.78	777.78	3.22	3.22	98.19	98.19	879.19	879.19
Circuit kilometers	1,251.45	1,251.45	5.18	5.18	157.99	157.99	1,414.62	1,414.62
Acres	7,449.45	7,449.45	31.92	31.92	2,051.54	2,051.54	9,532.91	9,532.91
Hectares	3,015.98	3,015.98	12.92	12.92	830.58	830.58	3,859.48	3,859.48
161-kV								
Circuit miles	154.90	154.90	203.46	203.46	0.00	0.00	358.36	358.36
Circuit kilometers	249.23	249.23	327.37	327.37	0.00	0.00	576.60	576.60
Acres	4,232.02	4,232.02	2,754.24	2,754.24	0.00	0.00	6,986.26	6,986.26
Hectares	1,713.37	1,713.37	1,115.08	1,115.08	0.00	0.00	2,828.45	2,828.45
115-kV								
Circuit miles	306.81	306.81	0.00	0.00	0.00	0.00	306.81	306.81
Circuit kilometers	493.66	493.66	0.00	0.00	0.00	0.00	493.66	493.66
Acres	3,852.37	3,852.37	0.00	0.00	0.00	0.00	3,852.37	3,852.37
Hectares	1,559.67	1,559.67	0.00	0.00	0.00	0.00	1,559.67	1,559.67
69-kV and below								
Circuit miles	112.95	112.95	1.60	1.60	3.40	3.40	117.95	117.95
Circuit kilometers	181.74	181.74	2.57	2.57	5.47	5.47	189.78	189.78
Acres	973.53	973.53	54.17	54.17	28.40	28.40	1,056.10	1,056.10
Hectares	394.14	394.14	21.93	21.93	11.50	11.50	427.57	427.57
Totals								
Circuit miles	1,352.44	1,352.44	208.28	208.28	101.59	101.59	1,662.31	1,662.31
Circuit kilometers	2,176.08	2,176.08	335.12	335.12	163.46	163.46	2,674.66	2,674.66
Acres	16,507.37	16,507.37	2,840.33	2,840.33	2,079.94	2,079.94	21,427.64	21,427.64
Hectares	6,683.16	6,683.16	1,149.93	1,149.93	842.08	842.08	8,675.17	8,675.17

PARKER-DAVIS PROJECT

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Arizona									
Davis	Reclamation	Colorado	Jan 1951	5	255	255	255	1,077	1,124
California									
Parker ⁴	Reclamation	Colorado	Dec 1942	4	60	60	60	216	225
Parker-Davis total				9	315	315	315	1,293	1,349

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

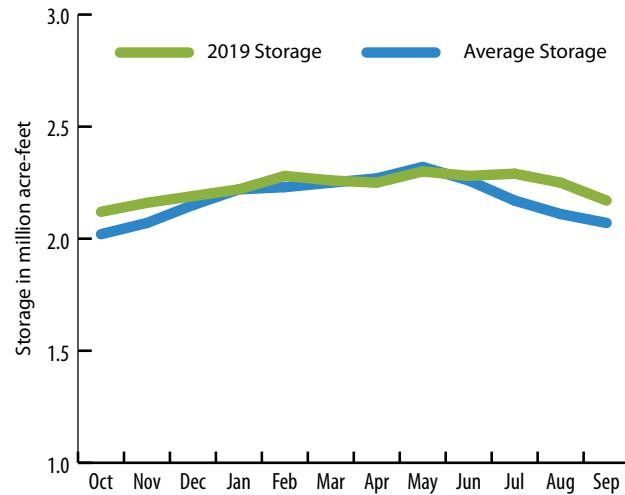
³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

⁴ Federal share (50%) of plant capability.

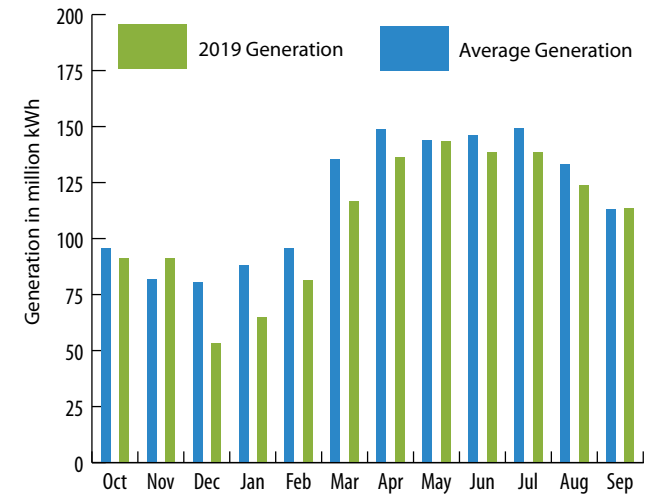
Operating agency:

Reclamation - Bureau of Reclamation, Department of the Interior

Storage



Generation



Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	PD-F7	2.74 - generation 1.56 - transmission	6.25 mills/kWh	2/1/2019	12.50 mills/kWh

Active Transmission Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	PD-FT7, Long-term firm point-to-point transmission service	\$1.56/kW-month
2019	PD-NFT7, Nonfirm point-to-point transmission service	2.14 mills/kWh
2019	PD-NTS4, Network integration transmission service	Load ratio share of 1/12 of annual revenue requirements of \$48,241,440

Active Marketing Plan

Project	Expiration date
Parker-Davis	9/30/2028

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm network transmission service	9,224,722	6,844,627
Firm point-to-point transmission service	36,052,146	34,147,098
Nonfirm point-to-point transmission service	954,497	493,809
Short term point-to-point transmission service	1,046,366	1,777,166
Transmission services subtotal	47,277,731	43,262,700
Ancillary service		
Reactive supply and voltage control service	373,778	440,047
Regulation and frequency response	110,145	169,591
Ancillary services subtotal	483,923	609,638
Other operating revenues ³	2,847,578	3,907,789
Transmission and other operating revenues total	50,609,232	47,780,127

¹ Transmission and other operating revenues as presented in this table are \$2.2 million greater than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$0.2 million in reliability sales excluded from the transmission revenue table; \$4.4 million in transmission losses excluded from the transmission revenue table; \$1.5 million in variances between transmission revenue accrual estimates and actual transmission revenues; -\$8.3 million in reserved revenue reversal excluded from the transmission revenue table.

² Transmission and other operating revenues as presented in this table are \$9.3 million less than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$0.2 million in reliability sales excluded from the transmission revenue table; \$4.8 million in transmission losses excluded from the transmission revenue table; -\$0.6 million in variances between transmission revenue accrual estimates and actual transmission revenues; \$5 million in reserved revenue excluded from the transmission revenue table; -\$0.1 million in other miscellaneous minor transactions.

³ Other operating revenues during FY 2019 is comprised of \$2.6 million in rental income, -\$0.5 million in late charges, \$0.2 million in scheduling services and \$0.6 million in other miscellaneous minor transactions.

Summary Services by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	10	0	10	10	0	10
Cooperatives	1	0	1	1	0	1
Federal agencies	10	0	10	10	0	10
State agencies	2	0	2	2	0	2
Irrigation districts	5	0	5	6	0	6
Native American tribes	6	0	6	6	0	6
Parker-Davis subtotal	34	0	34	35	0	35
Project use	2	0	2	2	0	2
Eliminations ¹	(1)	0	(1)	(1)	0	(1)
Parker-Davis total	35	0	35	36	0	36

¹ Double counting occurs when a customer appears in more than one category. The eliminations row removes the duplicates.

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arizona						
Municipalities	8	0	8	8	0	8
Cooperatives	1	0	1	1	0	1
Federal agencies	5	0	5	5	0	5
State agencies	1	0	1	1	0	1
Irrigation districts	4	0	4	5	0	5
Native American tribes ²	2	0	2	1	0	1
Arizona subtotal	21	0	21	21	0	21
California						
Municipalities	2	0	2	2	0	2
Federal agencies	3	0	3	3	0	3
Irrigation districts	1	0	1	1	0	1
Native American tribes ²	4	0	4	5	0	5
California subtotal	10	0	10	11	0	11
Nevada						
Federal agencies	2	0	2	2	0	2
State agencies	1	0	1	1	0	1
Nevada subtotal	3	0	3	3	0	3
Parker-Davis subtotal	34	0	34	35	0	35
Project use	2	0	2	2	0	2
Eliminations ¹	(1)	0	(1)	(1)	0	(1)
Parker-Davis total	35	0	35	36	0	36

¹ Double counting occurs when a customer appears in more than one category. The eliminations row removes the duplicates.

² Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Colorado River Commission of Nevada	3,232,469	21.2
2	Imperial Irrigation District	1,912,492	12.6
3	Salt River Project	1,791,948	11.8
4	Arizona Electric Power Cooperative	1,379,521	9.1
5	Edwards Air Force Base	1,071,083	7.0
Total		9,387,513	61.7

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Colorado River Commission of Nevada	264,024	21.3
2	Imperial Irrigation District	155,745	12.6
3	Salt River Project	146,409	11.8
4	Arizona Electric Power Cooperative	112,473	9.1
5	Edwards Air Force Base	87,247	7.0
Total		765,898	61.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

PARKER-DAVIS PROJECT

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Arizona								
Municipalities	93,598	0	93,598	1,149,659	0	1,149,659	93,596	1,084,114
Cooperatives	112,473	0	112,473	1,379,521	0	1,379,521	112,473	1,299,995
Federal agencies	170,026	0	170,026	2,084,833	0	2,084,833	170,142	1,964,935
State agencies	146,409	0	146,409	1,791,948	0	1,791,948	146,409	1,686,635
Irrigation districts	65,021	0	65,021	827,282	0	827,282	67,964	794,312
Native American tribes ³	29,641	0	29,641	360,061	0	360,061	13,847	160,386
Project use	182,452	0	182,452	2,230,881	0	2,230,881	179,641	2,090,344
Arizona subtotal	799,620	0	799,620	9,824,185	0	9,824,185	784,072	9,080,721
California								
Municipalities	32,972	0	32,972	402,926	0	402,926	32,973	379,433
Federal agencies	120,114	0	120,114	1,476,235	0	1,476,235	120,114	1,392,583
Irrigation districts	155,745	0	155,745	1,912,492	0	1,912,492	155,745	1,803,326
Native American tribes ³	24,017	0	24,017	294,847	0	294,847	39,811	455,175
California subtotal	332,848	0	332,848	4,086,500	0	4,086,500	348,643	4,030,517
Nevada								
Federal agencies	25,670	0	25,670	316,500	0	316,500	25,670	299,055
State agencies	264,024	0	264,024	3,232,469	0	3,232,469	264,024	3,043,247
Nevada subtotal	289,694	0	289,694	3,548,969	0	3,548,969	289,694	3,342,302
Parker-Davis total	1,422,162	0	1,422,162	17,459,654	0	17,459,654	1,422,409	16,453,540

¹ Power revenues as presented in this table agree with the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues.

² Power revenues as presented in this table are \$3,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	126,570	0	126,570	1,552,585	0	1,552,585	126,569	1,463,547
Cooperatives	112,473	0	112,473	1,379,521	0	1,379,521	112,473	1,299,995
Federal agencies	315,810	0	315,810	3,877,568	0	3,877,568	315,926	3,656,573
State agencies	410,433	0	410,433	5,024,417	0	5,024,417	410,433	4,729,882
Irrigation districts	220,766	0	220,766	2,739,774	0	2,739,774	223,709	2,597,638
Native American tribes	53,658	0	53,658	654,908	0	654,908	53,658	615,561
Project use	182,452	0	182,452	2,230,881	0	2,230,881	179,641	2,090,344
Parker-Davis total	1,422,162	0	1,422,162	17,459,654	0	17,459,654	1,422,409	16,453,540

¹ Power revenues as presented in this table agree with the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues.

² Power revenues as presented in this table are \$3,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue.

PARKER-DAVIS PROJECT

Purchased Power

Supplier	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Cost (\$ in thousands)	Energy (MWh)	Cost (\$ in thousands)
Non-WAPA suppliers				
Aggregated Energy Services	323	11	207	6
Arizona Electric Power Cooperative	690	41	4,874	213
BP Energy Company	75	6	187	5
Burbank	655	20	1,747	79
Bureau of Indian Affairs - Colorado River Agency	8,296	277	4,256	123
Central Arizona Project	664	34	13,883	517
Central Arizona Water Conservation District	0	0	187	20
Citigroup Energy	0	0	6,722	398
EDF Trading North America	3,000	77	6,228	390
Exelon Generation Company	42,400	2,942	0	0
Glendale	65	3	266	11
Los Angeles Department of Water and Power	2,174	139	2,546	210
Macquarie Energy	0	0	109	2
Morgan Stanley Capital Group	5,018	351	5,594	849
NV Energy	43,702	2,306	24,812	1,215
PacifiCorp	480	19	11,369	384
Powerex	270	22	591	75
Public Service Company of Colorado	0	0	249	8
Public Service Company of New Mexico	880	25	940	39
Resource Management Services	7,636	240	5,772	203
Salt River Project	104,336	5,282	36,534	2,125
Silver State Energy Association	19,060	577	5,959	196
Tenaska	10	1	0	0
TransAlta Energy Marketing	1,345	41	0	0
Tucson Electric Power	250	8	2,202	133
Non-WAPA suppliers subtotal	241,329	12,420	135,234	7,201
WAPA suppliers				
Salt Lake City Area/Integrated Projects	6,517	291	8,255	574
Western Area Colorado Missouri Balancing Authority	22,991	413	2,362	82
WAPA suppliers subtotal	29,508	704	10,617	656
Purchased power total	270,837	13,124	145,851	7,857

¹ Purchased power as presented in this table is \$2.6 million greater than the FY 2019 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following exclusions from the purchase power table: \$0.6 million in interchange energy expense; -\$1.6 million in spinning reserves; -\$1.6 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

² Purchased power as presented in this table is \$5.2 million less than the FY 2018 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following exclusions from the purchase power table: \$0.2 million in BA share of reliability expense; \$2.1 million in spinning reserves; \$2.9 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Arizona				
Fredonia	9,154	111,862	9,154	105,204
Gilbert	5,144	63,540	5,144	60,092
Marana	5,144	63,540	5,144	60,092
Mesa	49,253	603,963	49,253	569,062
Thatcher	5,144	63,545	5,143	60,092
Wickenburg	9,470	116,123	9,471	109,388
Williams	5,145	63,546	5,143	60,092
Yuma	5,144	63,540	5,144	60,092
Arizona subtotal	93,598	1,149,659	93,596	1,084,114
California				
Corona	8,584	103,997	8,585	97,691
Needles	24,388	298,929	24,388	281,742
California subtotal	32,972	402,926	32,973	379,433
Municipalities subtotal	126,570	1,552,585	126,569	1,463,547
COOPERATIVES				
Arizona				
Arizona Electric Power Cooperative	112,473	1,379,521	112,473	1,299,995
Arizona subtotal	112,473	1,379,521	112,473	1,299,995
Cooperatives subtotal	112,473	1,379,521	112,473	1,299,995
FEDERAL AGENCIES				
Arizona				
Bureau of Indian Affairs - Colorado River Agency	40,468	494,522	40,468	465,116
Bureau of Indian Affairs - San Carlos Irrigation Project	80,948	992,606	80,948	935,172
Department of Defense - Yuma Proving Ground	24,794	304,171	24,910	287,337
Luke Air Force Base	13,407	165,619	13,407	156,645
Marine Corps Air Station Yuma	10,409	127,915	10,409	120,665
Arizona subtotal	170,026	2,084,833	170,142	1,964,935
California				
Edwards Air Force Base	87,247	1,071,083	87,247	1,009,806
March Air Reserve Base	22,579	278,071	22,579	262,592
Naval Facilities Engineering Command Southwest	10,288	127,081	10,288	120,185
California subtotal	120,114	1,476,235	120,114	1,392,583

PARKER-DAVIS PROJECT

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Nevada				
Department of Energy - Nevada Operations Office	11,355	140,141	11,355	132,484
Nellis Air Force Base	14,315	176,359	14,315	166,571
Nevada subtotal	25,670	316,500	25,670	299,055
Federal agencies subtotal	315,810	3,877,568	315,926	3,656,573
STATE AGENCIES				
Arizona				
Salt River Project	146,409	1,791,948	146,409	1,686,635
Arizona subtotal	146,409	1,791,948	146,409	1,686,635
Nevada				
Colorado River Commission of Nevada	264,024	3,232,469	264,024	3,043,247
Nevada subtotal	264,024	3,232,469	264,024	3,043,247
State agencies subtotal	410,433	5,024,417	410,433	4,729,882
IRRIGATION DISTRICTS				
Arizona				
Eastern Arizona Preference Pooling Association	0	0	2,684	33,224
Electrical District No. 3, Pinal County	24,927	306,176	24,927	288,701
Hohokam Irrigation and Drainage District	5,144	63,540	5,144	60,092
Wellton-Mohawk Irrigation and Drainage District	32,691	411,617	32,819	368,121
Yuma Irrigation District	2,259	45,949	2,390	44,174
Arizona subtotal	65,021	827,282	67,964	794,312
California				
Imperial Irrigation District	155,745	1,912,492	155,745	1,803,326
California subtotal	155,745	1,912,492	155,745	1,803,326
Irrigation districts subtotal	220,766	2,739,774	223,709	2,597,638
NATIVE AMERICAN TRIBES				
Arizona				
Fort Mojave Indian Tribe ³	15,794	189,987	0	0
Tohono O'odham Utility Authority	13,847	170,074	13,847	160,386
Arizona subtotal	29,641	360,061	13,847	160,386

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
California				
Agua Caliente Band of Cahuilla Indians	4,806	59,056	5,144	60,092
Fort Mojave Indian Tribe ³	0	0	15,794	177,208
Pechanga Band of Luiseño Mission Indians of the Pechanga Reservation	5,144	63,540	5,144	60,092
San Luis Rey River Indian Water Authority	8,923	108,711	8,585	97,691
Viejas Band of Kumeyaay Indians	5,144	63,540	5,144	60,092
California subtotal	24,017	294,847	39,811	455,175
Native American tribes subtotal	53,658	654,908	53,658	615,561
PROJECT USE				
Arizona				
Project use (2 customers)	182,452	2,230,881	179,641	2,090,344
Arizona subtotal	182,452	2,230,881	179,641	2,090,344
Project-use subtotal	182,452	2,230,881	179,641	2,090,344
Parker-Davis total	1,422,162	17,459,654	1,422,409	16,453,540

¹ Power revenues as presented in this table agree with the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues.

² Power revenues as presented in this table are \$3,000 less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

PARKER-DAVIS PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	1,817,696	14,606	65,869	1,898,171
Income transfers (net)	37,412	0	(19)	37,393
Total operating revenue	1,855,108	14,606	65,850	1,935,564
EXPENSES:				
O&M and other	1,046,898	13,750	34,882	1,095,530
Purchase power and other	91,213	1,179	10,683	103,075
Interest				
Federally financed	432,315	0	23,675	455,990
Non-federally financed	3,450	0	0	3,450
Total interest	435,765	0	23,675	459,440
Total expense	1,573,876	14,929	69,240	1,658,045
(Deficit)/surplus revenue	(14,332)	(323)	(3,390)	(18,045)
INVESTMENT:				
Federally financed power	640,413	(1)	14,005	654,417
Non-federally financed power	43,623	0	5,909	49,532
Federally financed nonpower	49,717	0	1,202	50,919
Non-federally financed nonpower	4,362	0	841	5,203
Total investment	738,115	(1)	21,957	760,071
INVESTMENT REPAID:				
Federally financed power	223,149	0	0	223,149
Non-federally financed power	39,806	0	0	39,806
Federally financed nonpower	28,247	0	0	28,247
Non-federally financed nonpower	4,362	0	0	4,362
Total investment repaid	295,564	0	0	295,564
INVESTMENT UNPAID:				
Federally financed power	417,264	(1)	14,005	431,268
Non-federally financed power	3,817	0	5,909	9,726
Federally financed nonpower	21,470	0	1,202	22,672
Non-federally financed nonpower	0	0	841	841
Total investment unpaid	442,551	(1)	21,957	464,507
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	34.84%			34.10%
Non-federal	91.25%			80.36%
Federally financed nonpower	56.82%			55.47%
Non-federally financed nonpower	100.00%			83.84%

¹ This column ties to the cumulative numbers on Page 80 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$574,401	\$127,914	\$702,315	\$561,804	\$121,164	\$682,968
Accumulated depreciation	(273,354)	(92,735)	(366,089)	(261,497)	(91,613)	(353,110)
Net completed plant	301,047	35,179	336,226	300,307	29,551	329,858
Construction work-in-progress	42,676	256	42,932	29,895	1,707	31,602
Net utility plant	343,723	35,435	379,158	330,202	31,258	361,460
Cash	91,031	9,485	100,516	84,387	13,078	97,465
Accounts receivable, net	3,210	0	3,210	12,615	1	12,616
Regulatory assets	8,827	854	9,681	8,034	1,652	9,686
Other assets	20,173	32	20,205	20,013	34	20,047
Total assets	466,964	45,806	512,770	455,251	46,023	501,274
Liabilities:						
Long-term liabilities	7,601	0	7,601	7,601	0	7,601
Customer advances and other liabilities	16,979	2,663	19,642	15,267	3,366	18,633
Accounts payable	2,780	257	3,037	7,043	327	7,370
Environmental cleanup liabilities	2,191	483	2,674	2,159	453	2,612
Total liabilities	29,551	3,403	32,954	32,070	4,146	36,216
Capitalization:						
Payable to U.S. Treasury	623,825	290	624,115	597,891	(7,046)	590,845
Accumulated net revenues (deficit)	(186,412)	42,113	(144,299)	(174,710)	48,923	(125,787)
Total capitalization	437,413	42,403	479,816	423,181	41,877	465,058
Total liabilities and capitalization	\$466,964	\$45,806	\$512,770	\$455,251	\$46,023	\$501,274

PARKER-DAVIS PROJECT

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$17,460	\$0	\$17,460	\$16,457	\$0	\$16,457
Transmission and other operating revenues	48,409	0	48,409	57,105	0	57,105
Gross operating revenues	65,869	0	65,869	73,562	0	73,562
Income transfers, net	(3,354)	3,335	(19)	(12,898)	12,769	(129)
Total operating revenues	62,515	3,335	65,850	60,664	12,769	73,433
Operating expenses:						
Operation and maintenance	15,486	8,939	24,425	36,721	9,700	46,421
Purchased power	10,514	0	10,514	13,017	0	13,017
Purchased transmission services	169	0	169	276	0	276
Depreciation	14,000	1,122	15,122	13,625	1,259	14,884
Administration and general	10,457	0	10,457	11,767	0	11,767
Total operating expenses	50,626	10,061	60,687	75,406	10,959	86,365
Net operating revenues (deficit)	11,889	(6,726)	5,163	(14,742)	1,810	(12,932)
Interest expenses:						
Interest on payable to U.S. Treasury	24,963	84	25,047	23,765	85	23,850
Allowance for funds used during construction	(1,372)	0	(1,372)	(785)	0	(785)
Net interest on payable to U.S. Treasury	23,591	84	23,675	22,980	85	23,065
Interest on long-term liabilities	0	0	0	11	0	11
Net interest expenses	23,591	84	23,675	22,991	85	23,076
Net revenues (deficit)	(11,702)	(6,810)	(18,512)	(37,733)	1,725	(36,008)
Accumulated net revenues (deficit):						
Balance, beginning of year	(174,710)	48,923	(125,787)	(136,977)	47,198	(89,779)
Balance, end of year	(\$186,412)	\$42,113	(\$144,299)	(\$174,710)	\$48,923	(\$125,787)

PICK-SLOAN MISSOURI BASIN PROGRAM

The Pick-Sloan Missouri Basin Program, originally the Missouri River Basin Project, was authorized by Congress in the Flood Control Act of 1944. The multipurpose program provides authorization for construction of certain public works and improvements on rivers and harbors for flood control, navigation, generation of hydropower, resources for water supply and irrigation, preservation of water quality, creation of recreation opportunities and enhancement of fish and wildlife. Pick-Sloan power is marketed by two WAPA regions: The Upper Great Plains region markets the Eastern Division and the Rocky Mountain region markets the Western Division through the Loveland Area Projects.

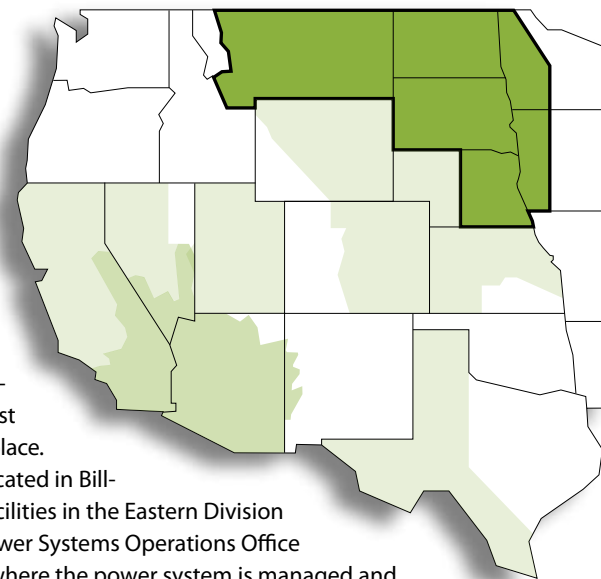
Eastern Division

Seven mainstem dams and powerplants on the Missouri River produce hydroelectric power for the Eastern Division of Pick-Sloan. They are Canyon Ferry Dam in western Montana; Fort Peck Dam at Fort Peck, Montana; Garrison Dam at Riverdale, North Dakota; Oahe Dam at Pierre, South Dakota; Big Bend Dam at Fort Thompson, South Dakota; and the Fort Randall and Gavins Point Dams in southern South Dakota. The Yellowtail Dam on the Big-horn River in south-central Montana produces power for both the Eastern and the Western divisions of Pick-Sloan. Including one-half of Yellowtail Dam, Eastern Division powerplants generate more than 10 billion kilowatt-hours in an average year.

UGP serves customers across more than 378,000 square miles in the northern Rocky Mountain and western plains states. Power is delivered through 129 substations and across 7,923 miles of federal transmission lines, which connect with other regional transmission

systems. UGP's 342 customers include rural electric cooperatives, municipalities, public utilities, public power districts, Native American tribes, irrigation districts and federal and state agencies. Energy available after WAPA meets its firm preference power customer obligations is sold in the Southwest Power Pool Integrated Marketplace.

UGP's regional office is located in Billings, Montana. Other major facilities in the Eastern Division marketing area include the Power Systems Operations Office in Watertown, South Dakota, where the power system is managed and operated to ensure system reliability. Three maintenance offices oversee 12 line crews and eight substation crews in the maintenance of the Eastern Division's extensive transmission system. They are located in Bismarck, North Dakota; Huron, South Dakota; and Fort Peck, Montana. Miles City, Montana, is home to UGP's back-to-back DC converter station. The station can receive AC from either the eastern or western electrical system interconnections, convert it into DC and deliver AC into the opposing system. UGP's Operations



Office performs the scheduling across the Miles City DC interconnection and the Fort Peck office manages maintenance of the Miles City Converter Station.

UGP's transmission system has been jointly developed and planned with our neighbors and partners for several decades and was previously known as the Joint Transmission System, or JTS. In 1998, UGP, Basin Electric Power Cooperative and Heartland Rural Electric Cooperative partnered to establish the Integrated System, or IS, originating from the JTS, which includes 9,848 miles of transmission lines owned by Basin, Heartland and UGP. Historically, transmission service over the IS was provided under WAPA's Open Access Transmission Tariff, with UGP serving as tariff administrator for the IS.

On Oct. 1, 2015, UGP joined Southwest Power Pool, or SPP, and transferred functional control of UGP's Eastern Interconnection transmission facilities to SPP through membership in SPP. This not only provided for transmission service over these facilities under the terms of the SPP Tariff, but placed the load and generation connected to these facilities in the SPP Integrated Marketplace. UGP also transferred functional control of UGP's Western Interconnection transmission facilities through a negotiated agreement. This allows SPP to sell transmission service over UGP's Western Interconnection transmission facilities, while not including the generation and load connected to these facilities in the SPP Integrated Marketplace. With UGP's and the other former IS owners' membership, SPP spans a footprint of almost 575,000 square miles in parts of 14 central states that includes nearly 5,000 substations and about 56,000 miles of high-voltage transmission lines. UGP's Eastern Interconnection Balancing Authority Area has been consolidated within the SPP Balancing Authority Area. UGP's Western Interconnection Balancing Authority Area remains unchanged.

UGP developed specific transmission and ancillary service rates to be effective when UGP transferred functional control of UGP's transmission facilities to SPP. These rates replaced the IS rates and allow UGP to recover its revenue requirements through the SPP Tariff.

Runoff into the Missouri River basin was one of the highest on record during 2019. UGP experienced above-normal generation of 13.3 billion kilowatt-hours in FY 2019. The region purchased 760 million kWh at a cost of \$26.3 million to support its firm power obligations.

The Pick-Sloan Eastern Division firm power rate, effective Jan. 1, 2018, was 24.00 mills/kWh for 2019.

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	129	129
Number of transformers	118	118
Transformer capacity (kVA)	11,161,820	11,161,820
Land (fee)		
Acres ¹	2,063.66	2,056.69
Hectares ¹	835.50	832.67
Land (easement)		
Acres	10.07	10.07
Hectares	4.08	4.08
Land (withdrawal)		
Acres	22.93	22.93
Hectares	9.28	9.28

Facilities, Substations, continued

Facility	FY 2019	FY 2018
Buildings and communication sites		
Number of buildings	225	225
Number of communication sites	219	219
Land (fee)		
Acres	185.51	185.51
Hectares	75.11	75.11
Land (easement)		
Acres	168.63	168.63
Hectares	68.27	68.27

¹ North Cody Substation purchased 1.62 acres, or .66 kilometers. Kimbald Substation purchased 5.35 acres, or 2.17 kilometers.

Transmission Lines

Voltage rating	Iowa		Minnesota		Missouri		Montana		Nebraska		North Dakota		South Dakota		Total	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
345-kV																
Circuit miles	20.33	20.33	0.00	0.00	0.00	0.00	0.00	0.00	136.76	136.76	40.74	40.74	270.51	270.51	468.34	468.34
Circuit kilometers	32.71	32.71	0.00	0.00	0.00	0.00	0.00	0.00	220.05	220.05	65.55	65.55	435.25	435.25	753.56	753.56
Acres	372.50	372.50	0.00	0.00	0.00	0.00	0.00	0.00	2,508.12	2,508.12	0.00	0.00	5,081.59	5,081.59	7,962.21	7,962.21
Hectares	150.81	150.81	0.00	0.00	0.00	0.00	0.00	0.00	1,015.44	1,015.44	0.00	0.00	2,057.33	2,057.33	3,223.58	3,223.58
230-kV																
Circuit miles	164.52	164.52	247.31	247.31	0.00	0.00	561.21	561.21	0.00	0.00	1,145.29	1,145.29	1,765.92	1,765.92	3,884.25	3,884.25
Circuit kilometers	264.71	264.71	397.92	397.92	0.00	0.00	902.99	902.99	0.00	0.00	1,842.77	1,842.77	2,841.37	2,841.37	6,249.76	6,249.76
Acres	2,053.62	2,053.62	3,092.45	3,092.45	0.00	0.00	8,407.46	8,407.46	0.00	0.00	13,044.83	13,044.83	17,366.30	17,366.30	43,964.66	43,964.66
Hectares	831.43	831.43	1,252.01	1,252.01	0.00	0.00	3,403.84	3,403.84	0.00	0.00	5,281.32	5,281.32	7,030.91	7,030.91	17,799.51	17,799.51
161-kV																
Circuit miles	193.35	193.35	0.00	0.00	17.95	17.95	283.05	283.05	0.00	0.00	0.00	0.00	0.00	0.00	494.35	494.35
Circuit kilometers	311.10	311.10	0.00	0.00	28.88	28.88	455.43	455.43	0.00	0.00	0.00	0.00	0.00	0.00	795.41	795.41
Acres	2,331.62	2,331.62	0.00	0.00	219.74	219.74	5,057.62	5,057.62	0.00	0.00	0.00	0.00	0.00	0.00	7,608.98	7,608.98
Hectares	943.98	943.98	0.00	0.00	88.96	88.96	2,047.62	2,047.62	0.00	0.00	0.00	0.00	0.00	0.00	3,080.56	3,080.56
115-kV																
Circuit miles ¹	0.00	0.00	14.99	14.99	0.00	0.00	597.86	597.86	71.74	71.74	829.29	829.29	1,350.63	1,350.65	2,864.51	2,864.53
Circuit kilometers ¹	0.00	0.00	24.12	24.12	0.00	0.00	961.96	961.96	115.43	115.43	1,334.33	1,334.33	2,173.16	2,173.20	4,609.00	4,609.04
Acres	0.00	0.00	146.86	146.86	0.00	0.00	6,362.29	6,362.29	564.12	564.12	10,584.54	10,584.54	12,284.34	12,284.34	29,942.15	29,942.15
Hectares	0.00	0.00	59.46	59.46	0.00	0.00	2,575.83	2,575.83	228.39	228.39	4,285.25	4,285.25	4,973.43	4,973.43	12,122.36	12,122.36

Transmission Lines, continued

Voltage rating	Iowa		Minnesota		Missouri		Montana		Nebraska		North Dakota		South Dakota		Total	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
100-kV																
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	0.00	0.00	0.00	0.00	125.14	125.14	0.00	0.00	0.00	0.00	0.00	0.00	125.14	125.14
Hectares	0.00	0.00	0.00	0.00	0.00	0.00	50.66	50.66	0.00	0.00	0.00	0.00	0.00	0.00	50.66	50.66
69-kV and below																
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00	73.86	73.86	0.00	0.00	130.43	130.43	7.06	7.06	211.35	211.35
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00	118.84	118.84	0.00	0.00	209.86	209.86	11.36	11.36	340.06	340.06
Acres	0.00	0.00	1.73	1.73	0.00	0.00	560.74	560.74	1.60	1.60	1,396.93	1,396.93	4.90	4.90	1,965.90	1,965.90
Hectares	0.00	0.00	0.70	0.70	0.00	0.00	227.02	227.02	0.65	0.65	565.56	565.56	1.98	1.98	795.91	795.91
Totals																
Circuit miles	378.20	378.20	262.30	262.30	17.95	17.95	1,515.98	1,515.98	208.50	208.50	2,145.75	2,145.75	3,394.12	3,394.14	7,922.80	7,922.82
Circuit kilometers	608.52	608.52	422.04	422.04	28.88	28.88	2,439.22	2,439.22	335.48	335.48	3,452.51	3,452.51	5,461.14	5,461.18	12,747.79	12,747.83
Acres	4,757.74	4,757.74	3,241.04	3,241.04	219.74	219.74	20,513.25	20,513.25	3,073.84	3,073.84	25,026.30	25,026.30	34,737.13	34,737.13	91,569.04	91,569.04
Hectares	1,926.22	1,926.22	1,312.17	1,312.17	88.96	88.96	8,304.97	8,304.97	1,244.48	1,244.48	10,132.13	10,132.13	14,063.65	14,063.65	37,072.58	37,072.58

¹ Rerouted 115-kV line in South Dakota to new substation, six structures added in FY 2019.

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Montana									
Canyon Ferry	Reclamation	Missouri	Dec 1953	3	50	52	53	367	361
Fort Peck	Corps	Missouri	Jul 1943	5	185	195	218	1,218	1,126
Yellowtail ^{4,5}	Reclamation	Big Horn	Aug 1966	2	125	142	142	446	582
North Dakota									
Garrison	Corps	Missouri	Jan 1956	5	583	465	582	3,061	3,171
South Dakota									
Big Bend	Corps	Missouri	Oct 1964	8	517	323	344	1,411	1,168
Fort Randall	Corps	Missouri	Mar 1954	8	320	320	280	2,121	1,730
Gavins Point	Corps	Missouri	Sep 1956	3	132	80	120	672	754
Oahe	Corps	Missouri	Apr 1962	7	786	754	742	4,025	3,381
Pick-Sloan Missouri River Basin Program — Eastern Division total				41	2,698	2,331	2,481	13,321	12,273

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

⁴ Generation from Units 1 and 2 is marketed by the Rocky Mountain region. Generation from Units 3 and 4 is marketed by the Upper Great Plains region. For this table, one-half of the total capability and output is shown under this region.

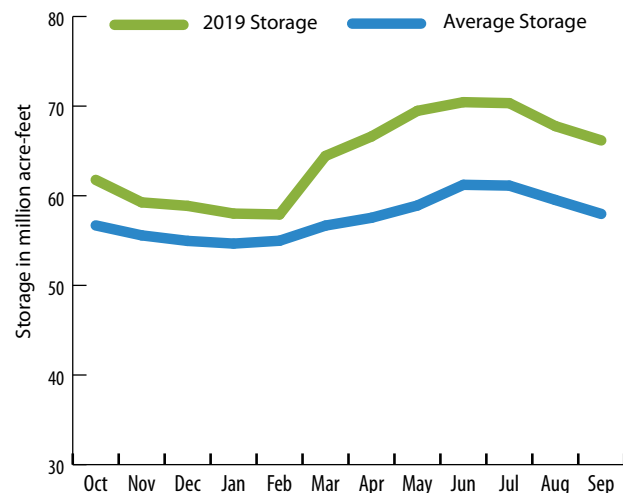
⁵ Normal sustained maximum capacity of each unit is 62.5 MW but units may be evaluated for higher output on a case-by-case basis.

Operating agencies:

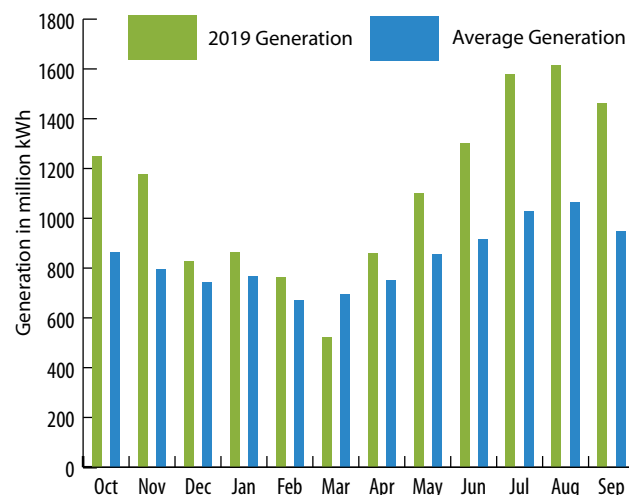
Reclamation - Bureau of Reclamation, Department of the Interior

Corps - U.S. Army Corps of Engineers

Storage



Generation



Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	P-SED-F13	5.25	13.27 mills/kWh for all energy	1/1/2018	24.00 mills/kWh

Active Marketing Plan

Project	Expiration date
Pick-Sloan Missouri Basin Program—Eastern Division	12/31/2020

Active Sale of Surplus Products

Fiscal Year	Rate schedule designation	Rate	Effective date
2019	P-SED-M1	The charge for each product is determined at the time of the sale based on market rates, plus administrative costs. The customer will be responsible for acquiring transmission services necessary to deliver the product for which a separate charge may be incurred.	1/1/2018

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Wheeling and transmission service	27,516	25,823
Extraordinary wheeling reimbursements	148,697	152,846
Firm network transmission service	134,797,030	138,219,066
Firm point-to-point transmission service	5,650,443	8,073,611
Nonfirm point-to-point transmission service	3,164,296	2,458,506
Transmission services subtotal	143,787,982	148,929,852
Ancillary service		
Scheduling and dispatch service	10,113,426	9,937,945
Operating reserves - spinning	111,026	101,146
Operating reserves - supplemental	111,026	101,146
Regulation and frequency response	235,290	226,535
SPP ancillary services marketing revenues	478,885	881,930
Ancillary services subtotal	11,049,653	11,248,702
Other operating revenues ³	695,801	1,618,623
Transmission and other operating revenues total	155,533,436	161,797,177

¹ Transmission and other operating revenues as presented in this table are \$73.1 million less than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$73.4 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; -\$0.4 million in variances between transmission revenue accrual estimates and actual transmission revenues; -\$0.1 million in variances between ancillary services revenue accrual estimates and actual ancillary services revenues; \$0.2 million network transmission service not included in the table for FY 2019.

² Transmission and other operating revenues as presented in this table are \$67 million less than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$68.9 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; -\$0.8 million in variances between transmission revenue accrual estimates and actual transmission revenues; -\$1.1 million network transmission service not included in the table for FY 2018.

³ Other operating revenues during FY 2019 is comprised of \$0.1 million in rental income and \$0.6 million in other miscellaneous minor transactions.

Active Transmission Rate Provisions

Year	Rate schedule designation	Rate
1/1/2019 - 12/31/2019	WAUGP-ATRR, Network integration transmission service ¹	Load ratio share of annual revenue requirement of \$135,555,574
	WAUW-AS3, Regulation and frequency response service ²	Load ratio share of annual revenue requirement of \$258,356
	WAUW-AS5 & WAUW-AS6, Operating reserve - spinning & reserve service ²	Load ratio share of annual revenue requirement of \$245,764
	WAUGP-AS1, Scheduling, system control and dispatch service ¹	Load ratio share of annual revenue requirement of \$10,099,229
	WAUW-AS4, Energy imbalance service ³	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of incremental cost when energy taken is greater than energy scheduled and 90% of incremental cost when energy taken is less than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy taken is greater than energy scheduled and 75% of incremental cost when energy taken is less than scheduled.
1/1/2018 - 12/31/2018	WAUW-AS7, Generator imbalance service ³	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of the average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of the incremental cost when energy delivered is less than generation scheduled and 90% of incremental cost when energy delivered is greater than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy delivered is less than energy scheduled and 75% of incremental cost when energy delivered is greater than scheduled. As an exception, an intermittent resource will be exempt from this deviation band and will pay the deviation band charges for all deviations greater than the larger of 1.5% or 2 MW.
	WAUGP-ATRR, Network integration transmission service ¹	Load ratio share of annual revenue requirement of \$133,279,878
	WAUW-AS3, Regulation and frequency response service ²	Load ratio share of annual revenue requirement of \$188,791
	WAUW-AS5 & WAUW-AS6, Operating reserve - spinning & reserve service ²	Load ratio share of annual revenue requirement of \$174,628
	WAUGP-AS1, Scheduling, System control and dispatch service ¹	Load ratio share of annual revenue requirement of \$8,911,338
	WAUW-AS4, Energy imbalance service ³	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of incremental cost when energy taken is greater than energy scheduled and 90% of incremental cost when energy taken is less than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy taken is greater than energy scheduled and 75% of incremental cost when energy taken is less than scheduled.
	WAUW-AS7, Generator imbalance service ³	i) For deviations within +/- 1.5% (minimum of 2 MW) of the scheduled transaction, 100% of the average incremental cost; ii) For deviations greater than +/- 1.5% up to 7.5% (or greater than 2 MW up to 10 MW) of the scheduled transaction, 110% of the incremental cost when energy delivered is less than generation scheduled and 90% of incremental cost when energy delivered is greater than scheduled; iii) For deviations greater than +/- 7.5% (or 10 MW) of the scheduled transaction, 125% of incremental cost when energy delivered is less than energy scheduled and 75% of incremental cost when energy delivered is greater than scheduled. As an exception, an intermittent resource will be exempt from this deviation band and will pay the deviation band charges for all deviations greater than the larger of 1.5% or 2 MW.

¹ Upper Great Plains is a transmission owner in the Southwest Power Pool. These rates are the region's portion of the total rates for the multi-owner Upper Missouri Zone of SPP. See SPP regional revenue requirement files for applicable timeframes for total UMG rates.

² Upper Great Plains revenue requirements for service in the UGP West Balancing Authority Area in the Western Interconnection. Dollar-per-kilowatt-month estimates calculated using actual average load during the specified time.

³ Upper Great Plains' incremental cost will be based upon a representative hourly energy index or combination of indexes. The index to be used will be posted on the applicable SPP website and/or SPP's Open Access Same-Time Information System at least 30 days before use for determining UGP's incremental cost and will not be changed more than once per year unless UGP determines that the existing index is no longer a reliable price index. Data used and the charges resulting from using this formula will be posted on the applicable SPP website and/or SPP OASIS.

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Arkansas								
Independent system operator corporations	0	4,523,088	4,523,088	0	76,245,238	76,245,238	3,328,739	66,560,465
Arkansas subtotal	0	4,523,088	4,523,088	0	76,245,238	76,245,238	3,328,739	66,560,465
California								
Power marketers	0	0	0	0	0	0	3	56
California subtotal	0	0	0	0	0	0	3	56
Colorado								
Interproject	0	2,085	2,085	0	55,979	55,979	1,964	28,370
Colorado subtotal	0	2,085	2,085	0	55,979	55,979	1,964	28,370
Florida								
Power marketers ³	0	0	0	0	0	0	11	369
Florida subtotal	0	0	0	0	0	0	11	369
Indiana								
Independent system operator corporations	0	441	441	0	14,132	14,132	474	12,015
Indiana subtotal	0	441	441	0	14,132	14,132	474	12,015
Iowa								
Municipalities	684,567	0	684,567	16,637,052	0	16,637,052	683,460	17,396,474
Cooperatives	497,327	0	497,327	11,629,482	0	11,629,482	497,333	12,300,936
Iowa subtotal	1,181,894	0	1,181,894	28,266,534	0	28,266,534	1,180,793	29,697,410
Minnesota								
Municipalities	1,418,723	0	1,418,723	32,364,285	8,221	32,372,506	1,427,733	34,097,754
Cooperatives	575,197	0	575,197	13,684,688	0	13,684,688	566,766	14,115,320
State agencies	35,371	0	35,371	790,998	0	790,998	35,595	825,557
Native American tribes	22,757	0	22,757	546,153	0	546,153	22,757	569,983
Investor-owned utilities	0	198	198	0	5,750	5,750	1	28
Minnesota subtotal	2,052,048	198	2,052,246	47,386,124	13,971	47,400,095	2,052,852	49,608,642
Montana								
Cooperatives	386,388	0	386,388	8,940,818	0	8,940,818	386,388	9,390,608
Federal agencies ³	0	17,751	17,751	0	531,227	531,227	0	0
State agencies	15,721	0	15,721	348,751	0	348,751	15,245	356,246
Irrigation districts	2,603	0	2,603	66,766	0	66,766	2,929	70,447
Native American tribes	81,268	0	81,268	1,950,382	0	1,950,382	81,091	2,031,746
Investor-owned utilities ³	0	12,104	12,104	0	260,676	260,676	25,440	1,613,471
Power marketers ³	0	62	62	0	777	777	0	0
Project use	21,830	0	21,830	58,151	0	58,151	23,393	62,872
Montana subtotal	507,810	29,917	537,727	11,364,868	792,680	12,157,548	534,486	13,525,390

Power Sales by State and Customer Category, continued

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Nebraska								
Municipalities	568,610	19	568,629	15,833,136	440	15,833,576	565,725	16,486,445
Public utility districts	1,090,747	6,864	1,097,611	34,038,067	(912,854)	33,125,213	1,097,508	36,596,884
State agencies	133,537	81	133,618	3,014,690	1,687	3,016,377	134,002	3,152,366
Irrigation districts	174	0	174	6,230	0	6,230	460	12,089
Native American tribes	24,810	0	24,810	595,328	0	595,328	24,806	621,624
Power marketers	0	30	30	0	750	750	0	0
Project use	1,251	0	1,251	3,792	0	3,792	1,557	4,291
Nebraska subtotal	1,819,129	6,994	1,826,123	53,491,243	(909,977)	52,581,266	1,824,058	56,873,699
North Dakota								
Municipalities	191,310	0	191,310	4,452,037	0	4,452,037	191,479	4,752,166
Cooperatives	1,096,967	43,471	1,140,438	32,237,581	821,952	33,059,533	1,142,608	35,003,134
State agencies	105,866	0	105,866	2,581,167	0	2,581,167	108,177	2,739,694
Irrigation districts	953	0	953	18,814	0	18,814	964	19,126
Native American tribes	84,084	0	84,084	2,017,023	0	2,017,023	84,227	2,113,855
Public utility districts	0	1,252	1,252	0	35,136	35,136	2,434	53,774
Power marketers	0	19,456	19,456	0	1,331,498	1,331,498	28,922	1,596,467
Project use	3,916	0	3,916	48,685	0	48,685	4,521	54,814
North Dakota subtotal	1,483,096	64,179	1,547,275	41,355,307	2,188,586	43,543,893	1,563,332	46,333,030
Oregon								
Federal agencies ³	0	0	0	0	0	0	20,199	464,831
Investor-owned utilities ³	0	0	0	0	0	0	4	113
Power marketers	0	0	0	0	0	0	2	73
Oregon subtotal	0	0	0	0	0	0	20,205	465,017
South Dakota								
Municipalities	698,092	0	698,092	16,874,626	0	16,874,626	698,729	17,702,858
Cooperatives	953,850	0	953,850	22,518,794	0	22,518,794	954,093	23,834,438
Public utility districts	0	52,636	52,636	0	158,219	158,219	5,008	107,737
Federal agencies	49,520	0	49,520	1,117,102	0	1,117,102	50,113	1,189,543
State agencies	148,098	613	148,711	3,429,890	15,652	3,445,542	146,735	3,561,312
Native American tribes	132,588	4,440	137,028	3,273,555	130,618	3,404,173	137,630	3,531,138
Investor-owned utilities	0	19,823	19,823	0	389,740	389,740	15,035	275,102
Project use	1,222	0	1,222	30,767	0	30,767	3,217	43,158
South Dakota subtotal	1,983,370	77,512	2,060,882	47,244,734	694,229	47,938,963	2,010,560	50,245,286

Power Sales by State and Customer Category, continued

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Texas								
Power marketers	0	173,856	173,856	0	7,758,767	7,758,767	69,248	1,525,087
Texas subtotal	0	173,856	173,856	0	7,758,767	7,758,767	69,248	1,525,087
Washington								
Investor-owned utilities	0	0	0	0	0	0	3	66
Washington subtotal	0	0	0	0	0	0	3	66
INTERNATIONAL								
Canada								
Power marketers	0	0	0	0	0	0	1	16
Canada subtotal	0	0	0	0	0	0	1	16
Pick-Sloan Missouri River Basin Program— Eastern Division total	9,027,347	4,878,270	13,905,617	229,108,810	86,853,605	315,962,415	12,586,729	314,874,918

¹ Power revenues as presented in this table are \$73 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$11.1 million for the Basin Electric Power Cooperative cost sharing payment; \$0.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$85.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$80 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$5.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	3,561,302	19	3,561,321	86,161,136	8,661	86,169,797	3,567,126	90,435,697
Cooperatives	3,509,729	43,471	3,553,200	89,011,363	821,952	89,833,315	3,547,188	94,644,436
Public utility districts	1,090,747	60,752	1,151,499	34,038,067	(719,499)	33,318,568	1,104,950	36,758,395
Federal agencies	49,520	17,751	67,271	1,117,102	531,227	1,648,329	70,312	1,654,374
State agencies	438,593	694	439,287	10,165,496	17,339	10,182,835	439,754	10,635,175
Irrigation districts	3,730	0	3,730	91,810	0	91,810	4,353	101,662
Native American tribes	345,507	4,440	349,947	8,382,441	130,618	8,513,059	350,511	8,868,346
Investor-owned utilities	0	32,125	32,125	0	656,166	656,166	40,483	1,888,780
Power marketers	0	193,404	193,404	0	9,091,792	9,091,792	98,187	3,122,068
Independent system operator corporations	0	4,523,529	4,523,529	0	76,259,370	76,259,370	3,329,213	66,572,480
Interproject	0	2,085	2,085	0	55,979	55,979	1,964	28,370
Project use	28,219	0	28,219	141,395	0	141,395	32,688	165,135
Pick-Sloan Missouri River Basin Program— Eastern Division total	9,027,347	4,878,270	13,905,617	229,108,810	86,853,605	315,962,415	12,586,729	314,874,918

¹ Power revenues as presented in this table are \$73 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$11.1 million for the Basin Electric Power Cooperative cost sharing payment; \$0.8 million in variances between revenue accrual estimates and actual revenues along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$85.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$80 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$5.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Nebraska Public Power District	25,496,574	11.1
2	East River Electric Power Cooperative	16,595,848	7.2
3	Omaha Public Power District	8,270,531	3.6
4	Minnkota Power Cooperative	8,069,217	3.5
5	Upper Missouri Power Cooperative	7,692,068	3.4
Total		66,124,238	28.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Southwest Power Pool	76,245,238	87.8
2	Macquarie Energy	7,453,920	8.6
3	Rainbow Energy Marketing Corporation	1,331,498	1.5
4	Basin Electric Power Cooperative	771,754	0.9
5	Department of Energy - Bonneville Power Administration	531,227	0.6
Total		86,333,637	99.4

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	East River Electric Power Cooperative	708,679	7.9
2	Nebraska Public Power District	700,127	7.8
3	Omaha Public Power District	379,194	4.2
4	Minnkota Power Cooperative	358,303	4.0
5	Upper Missouri Power Cooperative	347,561	3.9
Total		2,493,864	27.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Southwest Power Pool	4,523,088	92.8
2	Macquarie Energy	161,816	3.3
3	Heartland Consumers Power District	50,190	1.0
4	Basin Electric Power Cooperative	42,481	0.9
5	Black Hills Power	19,823	0.4
Total		4,797,398	98.4

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Purchased Power

Supplier	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Costs (\$ in thousands)	Energy (MWh)	Costs (\$ in thousands)
Non-WAPA suppliers				
Avista Corporation	2	0	0	0
Basin Electric Power Cooperative	26,822	673	13,333	282
Beatrice State Developmental Center	148	3	0	0
Black Hills Power	25	1	235	13
Department of Energy - Bonneville Power Administration	10	1	0	0
East Grand Forks	906	54	3,556	7
EDF Trading North America	266	9	2,649	70
Grant Public Utility District	1	0	0	0
Gridforce Energy Management	1	0	0	0
Heartland Consumers Power District	74	2	77	2
Midcontinent Independent System Operator	0	1	35	1
Minnkota Power Cooperative	788	38	1,362	33
Montana-Dakota Utilities Company	6,650	131	2,100	44
Nebraska Public Power District	2,274	50	2,614	58
NorthWestern Corporation	200	6	0	0
NorthWestern Corporation d.b.a. NorthWestern Energy	2	227	0	155
Northwestern Public Service	0	1	0	5
Omaha Public Power District	1,096	22	770	18
Otter Tail Power Company	421	22	1,732	46
Pacificorp	3	0	0	0
Portland General Electric	3	0	0	0
Puget Sound Energy	3	0	0	0
Rainbow Energy Marketing Corporation	0	0	10	1
Seattle City Light	1	0	0	0
Southern Montana Cooperative	0	0	384	29
Southwest Power Pool	720,283	25,008	588,834	15,992
Tacoma Power	1	0	0	0
Non-WAPA suppliers subtotal	759,978	26,249	617,691	16,756
WAPA suppliers				
Rocky Mountain region	16	1	0	0
WAPA suppliers subtotal	16	1	0	0
Purchased power total	759,994	26,250	617,691	16,756

¹ Purchased power as presented in this table is \$14.3 million less than the FY 2019 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$14.4 million related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' table; -\$0.1 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

² Purchased power as presented in this table is \$15.6 million less than the FY 2018 purchased power presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$15.4 million related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' table; \$0.2 million in variances between purchased power accrual estimates and actual purchased power along with other miscellaneous minor transactions.

Purchased Transmission Services

Supplier	FY 2019 ¹	FY 2018 ²
	Costs (\$ in thousands)	Costs (\$ in thousands)
PURCHASED TRANSMISSION		
Non-WAPA suppliers		
Capital Electric Cooperative	5	4
Central Electric Cooperative	0	15
Central Power Electric Cooperative	14	10
East River Electric Power Cooperative	3	9
Loup Valley Rural Public Power District	15	21
McLean Electric Cooperative	28	31
Moreau-Grand Electric Cooperative	8	17
Mor-Gran-Sou Electric Cooperative	61	86
Nebraska Public Power District	20	26
NorthWestern Corporation d.b.a. NorthWestern Energy	1,893	1,613
Oahe Electric Cooperative	5	42
Otter Tail Power Company	2	2
Southern Power District	2	3
Southwest Power Pool	74,058	75,786
Twin Valleys Public Power District	7	0
Upper Missouri Generation and Transmission Electric Cooperative d.b.a. Upper Missouri Power Cooperative	311	309
West Central Electric Cooperative	32	48
Non-transmission credits ³	0	231
Non-WAPA suppliers subtotal	76,464	78,253
WAPA suppliers		
Rocky Mountain region	0	230
WAPA suppliers subtotal	0	230
Purchased transmission subtotal	76,464	78,483

Purchased Transmission Services, continued

Supplier	FY 2019 ¹	FY 2018 ²
	Costs (\$ in thousands)	Costs (\$ in thousands)
PURCHASED ANCILLARY SERVICES		
Non-WAPA suppliers		
NorthWestern Corporation d.b.a. NorthWestern Energy	16	3
Southwest Power Pool	9,536	8,837
Non-WAPA suppliers subtotal	9,552	8,840
WAPA suppliers		
Rocky Mountain region	2	0
WAPA suppliers subtotal	2	0
Purchased ancillary services subtotal	9,554	8,840
Purchased Transmission Services total	86,018	87,323

¹ Purchased transmission services as presented in this table are \$9.5 million less than the FY 2019 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues due to expenses related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables.

² Purchased transmission services as presented in this table are \$4.2 million less than the FY 2018 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$6.9 million in expenses related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; -\$2.6 million due to variances between purchased transmission accrual estimates and actual purchased transmission; -\$0.1 million in other minor miscellaneous transactions and corrections.

³ Discount in lieu of transmission.

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arkansas						
Independent system operator corporations	0	1	1	0	1	1
Arkansas subtotal	0	1	1	0	1	1
California						
Power marketers	0	0	0	0	1	1
California subtotal	0	0	0	0	1	1
Florida						
Power marketers ¹	0	0	0	0	1	1
Florida subtotal	0	0	0	0	1	1
Indiana						
Independent system operator corporations	0	1	1	0	1	1
Indiana subtotal	0	1	1	0	1	1
Iowa						
Municipalities	49	0	49	49	0	49
Cooperatives	4	0	4	4	0	4
Iowa subtotal	53	0	53	53	0	53
Minnesota						
Municipalities	48	0	48	48	0	48
Cooperatives	15	0	15	15	0	15
State agencies	1	0	1	1	0	1
Native American tribes	3	0	3	3	0	3
Investor-owned utilities	0	1	1	0	1	1
Minnesota subtotal	67	1	68	67	1	68
Montana						
Cooperatives	4	0	4	4	0	4
Federal agencies ¹	0	1	1	0	0	0
State agencies	1	0	1	1	0	1
Irrigation districts	3	0	3	3	0	3
Native American tribes	6	0	6	6	0	6
Investor-owned utilities ¹	0	2	2	0	1	1
Power marketers ¹	0	2	2	0	0	0
Montana subtotal	14	5	19	14	1	15
Nebraska						
Municipalities	56	1	57	55	1	56
Public utility districts	3	0	3	3	0	3
State agencies	8	0	8	8	0	8
Irrigation districts	1	0	1	1	0	1
Native American tribes	4	0	4	4	0	4
Power marketers	0	1	1	0	0	0
Nebraska subtotal	72	2	74	71	1	72

Customers by State and Customer Category, continued

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
North Dakota						
Municipalities	12	0	12	12	0	12
Cooperatives	6	0	6	6	0	6
Public utility districts	0	1	1	0	1	1
State agencies	10	0	10	10	0	10
Irrigation districts	1	0	1	1	0	1
Native American tribes	5	0	5	5	0	5
Power marketers	0	1	1	0	1	1
North Dakota subtotal	34	2	36	34	2	36
Oregon						
Federal agencies ¹	0	0	0	0	1	1
Investor-owned utilities ¹	0	0	0	0	1	1
Power marketers	0	0	0	0	2	2
Oregon subtotal	0	0	0	0	4	4
South Dakota						
Municipalities	33	0	33	33	0	33
Cooperatives	4	0	4	4	0	4
Public utility districts	0	2	2	0	2	2
Federal agencies	1	0	1	1	0	1
State agencies	10	0	10	10	0	10
Native American tribes	8	0	8	8	0	8
Investor-owned utilities	0	2	2	0	2	2
South Dakota subtotal	56	4	60	56	4	60
Texas						
Power marketers	0	2	2	0	2	2
Texas subtotal	0	2	2	0	2	2

Customers by State and Customer Category, continued

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Washington						
Investor-owned utilities	0	0	0	0	1	1
Washington subtotal	0	0	0	0	1	1
INTERNATIONAL						
Canada						
Power marketers	0	0	0	0	1	1
Canada subtotal	0	0	0	0	1	1
Pick-Sloan Missouri River Basin — Eastern Division subtotal	296	18	314	295	21	316
Interproject	0	1	1	0	1	1
Project use	28	0	28	28	0	28
Eliminations ²	(1)	0	(1)	(1)	0	(1)
Pick-Sloan Missouri River Basin — Eastern Division total	323	19	342	322	22	344

¹ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

² Double counting occurs when a customer appears in more than one category. The eliminations row removes the duplicates.

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	198	1	199	197	1	198
Cooperatives	33	0	33	33	0	33
Public utility districts	3	3	6	3	3	6
Federal agencies	1	1	2	1	1	2
State agencies	30	0	30	30	0	30
Irrigation districts	5	0	5	5	0	5
Native American tribes	26	0	26	26	0	26
Investor-owned utilities	0	5	5	0	6	6
Power marketers	0	6	6	0	8	8
Independent system operator corporations	0	2	2	0	2	2
Pick-Sloan Missouri River Basin — Eastern Division subtotal	296	18	314	295	21	316
Interproject	0	1	1	0	1	1
Project use	28	0	28	28	0	28
Eliminations ¹	(1)	0	(1)	(1)	0	(1)
Pick-Sloan Missouri River Basin — Eastern Division total	323	19	342	322	22	344

¹ Double counting occurs when a customer appears in more than one category. The eliminations row removes the duplicates.

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Iowa				
Akron	10,071	251,293	10,071	261,074
Alta	9,442	232,059	9,442	241,928
Alton	7,127	179,887	7,127	187,224
Anita	6,605	154,647	6,605	160,405
Anthon	1,110	28,761	1,133	31,095
Atlantic	32,312	784,364	32,312	815,632
Auburn	592	14,377	587	15,163
Aurelia	2,263	56,274	2,263	58,938
Breda	3,613	86,264	3,613	90,038
Coon Rapids	11,828	297,824	11,933	315,858
Corning	13,764	335,451	13,764	349,025
Denison	75,926	1,799,374	75,926	1,900,779
Estherville	14,824	353,831	14,824	368,660
Fonda	1,779	43,731	1,779	45,875
Fontanelle	5,060	122,907	5,071	128,688
Glidden	4,742	120,175	4,784	127,178
Graettinger	5,476	136,227	5,476	141,779
Harlan	43,941	1,040,152	43,941	1,095,188
Hartley	14,940	362,133	14,940	377,314
Hawarden	21,888	537,935	21,755	557,679
Hinton	2,962	76,470	2,933	82,415
Kimballton	2,204	55,739	2,209	58,252
Lake Park	7,823	188,189	7,823	195,969
Lake View	16,490	391,915	16,490	408,739
Laurens	14,171	346,983	14,171	361,053
Lenox	10,210	241,109	10,210	251,280
Manilla	6,380	158,380	6,398	166,571
Manning	13,924	315,072	12,476	291,442
Mapleton	9,994	249,798	10,340	269,679
Marathon	769	20,863	769	21,973
Milford	11,602	293,971	11,602	307,167
Neola	1,142	29,974	1,135	30,824
Onawa	24,781	614,738	24,781	638,471
Orange City	31,676	783,615	31,676	827,574
Paullina	7,319	184,183	7,319	191,973
Pocahontas	5,207	130,837	5,207	136,385
Primghar	5,818	147,313	5,818	153,516

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Remsen	10,470	260,926	10,470	272,882
Rock Rapids	20,873	494,693	20,873	514,594
Sanborn	11,157	264,986	11,157	275,591
Sergeant Bluff	7,792	179,692	7,792	187,096
Shelby	4,200	105,377	4,200	109,658
Sibley	16,592	389,539	16,592	407,577
Sioux Center	31,935	778,095	31,935	817,988
Spencer	90,367	2,233,970	90,367	2,351,448
Stanton	4,931	119,933	4,931	128,287
Villisca	9,526	224,613	9,528	234,446
Wall Lake	6,704	161,186	6,667	167,269
Woodbine	10,245	257,227	10,245	266,835
Iowa subtotal	684,567	16,637,052	683,460	17,396,474
Minnesota				
Ada	14,244	326,236	14,244	341,116
Adrian	8,839	206,508	8,839	215,228
Alexandria	96,279	2,154,299	96,279	2,249,446
Barnesville	11,797	268,249	11,797	280,316
Benson	26,869	626,160	26,869	651,759
Breckenridge	28,901	655,062	28,901	684,231
Detroit Lakes	69,655	1,574,304	69,655	1,642,195
East Grand Forks	73,051	1,705,868	73,051	1,772,607
Elbow Lake	9,595	231,619	9,595	242,167
Fairfax	8,890	210,453	8,890	219,565
Fairmont	3,418	85,362	3,418	89,429
Fosston	13,237	304,889	13,237	326,630
Granite Falls	7,863	194,452	7,863	203,279
Halstad	5,222	124,266	5,222	133,704
Hawley	8,499	200,311	8,499	214,309
Henning	4,838	115,720	4,838	121,028
Jackson	25,080	597,044	25,080	623,816
Kandiyohi	3,135	75,023	11,566	260,605
Lake Park	3,601	84,835	3,601	88,679
Lakefield	10,927	257,365	10,927	268,159
Litchfield	69,948	1,567,736	69,948	1,633,807
Luverne	47,790	1,081,406	47,790	1,130,515
Madison	14,262	336,361	14,428	361,103
Marshall	129,262	2,706,610	129,262	2,814,166
Melrose	34,968	760,254	34,968	794,827

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Moorhead	232,281	5,424,444	232,281	5,721,721
Mountain Lake	5,636	126,404	5,594	132,437
New Ulm	1,719	39,938	2,144	53,591
Newfolds	2,755	63,843	2,768	67,085
Nielsenville	602	15,233	612	16,563
Olivia	22,307	516,261	22,307	538,147
Ortonville	23,207	542,287	23,207	570,510
Redwood Falls	44,340	1,027,865	44,340	1,068,291
Sauk Centre	24,722	565,167	24,722	588,049
Shelly	1,863	43,926	1,861	45,197
Sleepy Eye	8,309	194,152	8,309	201,383
Springfield	5,284	128,765	5,284	134,429
St. James	35,851	806,737	35,851	840,766
Staples	6,567	146,686	6,567	153,453
Stephen	5,916	139,747	5,916	150,057
Thief River Falls	66,743	1,551,336	66,743	1,657,752
Tyler	8,553	205,304	8,553	214,109
Wadena	42,804	970,305	42,804	1,012,398
Warren	12,661	297,713	12,661	319,607
Westbrook	7,274	169,632	7,283	177,226
Willmar	34,286	784,720	34,286	818,655
Windom	36,494	849,228	36,494	882,000
Worthington	58,379	1,312,421	58,379	1,371,642
Minnesota subtotal	1,418,723	32,372,506	1,427,733	34,097,754
Nebraska				
Ansley	362	8,489	362	8,861
Arnold	5,838	137,725	5,838	144,215
Auburn	12,842	306,691	12,842	326,177
Beatrice	13,070	302,946	11,181	276,239
Beaver City	1,275	30,481	1,275	31,839
Blue Hill	4,844	116,174	4,844	120,655
Broken Bow	11,090	257,555	11,090	268,443
Burwell	2,535	60,111	2,535	62,807
Callaway	3,833	89,587	3,833	93,629
Cambridge	2,409	56,927	2,409	60,955
Crete	12,852	294,625	12,852	307,058
Curtis	1,664	39,536	1,664	41,249
David City	5,502	131,068	5,955	151,034
Deshler	2,138	51,437	2,138	53,398

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Dewitt	2,438	59,871	2,370	62,066
Emerson	1,816	43,609	1,816	45,441
Fairbury	12,816	299,443	12,816	310,752
Falls City	14,751	348,578	14,751	371,840
Franklin	2,542	59,560	2,437	61,347
Fremont	26,250	587,001	26,250	629,043
Grand Island	33,367	801,819	33,367	831,377
Hastings	47,150	1,088,782	47,150	1,130,429
Indianola	415	10,097	415	10,768
Laurel	2,423	56,978	2,423	59,283
Lincoln	137,828	5,861,507	139,567	6,131,272
Lyons	2,559	60,049	2,559	64,045
Madison	17,849	389,411	17,849	407,055
Municipal Energy Agency of Nebraska	19	440	190	3,940
Nebraska City	38,206	870,554	38,206	923,717
Neligh	1,377	32,640	1,377	33,921
Ord	5,851	137,082	5,851	147,464
Oxford	2,408	55,041	2,408	57,428
Pender	2,693	66,054	2,693	68,768
Pierce	1,134	27,543	1,134	28,780
Plainview	2,676	64,628	2,676	67,324
Randolph	2,266	53,692	2,267	56,854
Red Cloud	2,682	63,063	2,682	65,890
Sargent	1,867	46,917	1,867	49,119
Schuyler	22,436	502,476	22,093	518,430
Shickley	254	6,317	254	6,623
Snyder	480	10,919	480	11,374
South Sioux City	29,864	660,897	29,864	689,504
Spalding	4,320	106,222	4,320	113,772
Spencer	368	9,250	368	9,717
Stuart	1,245	29,419	1,245	30,813
Superior	2,773	62,571	2,048	46,875
Syracuse	1,214	28,692	1,214	30,718
Tecumseh	3,966	93,140	3,966	98,858
Valentine	2,304	54,582	0	0
Wahoo	10,478	242,083	10,478	251,528
Wakefield	8,387	178,481	8,387	186,351
Wayne	9,723	222,127	9,723	237,835
West Point	4,873	114,277	4,873	118,738

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Wilber	7,990	196,826	8,156	206,823
Winside	2,471	59,998	2,471	64,015
Wisner	11,135	269,876	11,135	281,526
Wood River	711	17,712	711	18,463
Nebraska subtotal	568,629	15,833,576	565,725	16,486,445
North Dakota				
Cavalier	16,953	391,880	17,122	426,912
Grafton	35,892	824,614	35,892	883,811
Hillsboro	14,671	336,753	14,671	353,718
Hope	2,561	61,202	2,561	65,910
Lakota	10,543	249,746	10,543	264,604
Maddock	2,478	61,774	2,478	64,601
Northwood	11,143	257,035	11,143	276,153
Park River	15,064	346,939	15,064	372,599
Riverdale	2,088	51,248	2,088	54,192
Sharon	1,223	29,385	1,223	31,737
Stanton	1,225	28,824	1,225	30,172
Valley City	77,469	1,812,637	77,469	1,927,757
North Dakota subtotal	191,310	4,452,037	191,479	4,752,166
South Dakota				
Aberdeen	2,974	72,484	3,399	84,910
Arlington	7,504	173,643	7,504	181,133
Aurora	1,754	44,796	1,754	47,414
Badger	1,503	37,037	1,490	38,613
Beresford	12,270	306,243	12,270	321,991
Big Stone City	9,830	214,053	9,830	222,389
Brookings	103,619	2,429,912	103,619	2,519,925
Bryant	2,679	62,921	2,679	65,716
Burke	6,034	143,176	5,981	150,291
Colman	3,925	98,393	3,925	102,776
Estelline	5,189	123,321	5,189	128,868
Faith	6,174	151,641	6,219	164,518
Flandreau	14,591	348,813	14,591	369,636
Fort Pierre	12,466	321,027	12,466	338,232
Groton	10,024	237,465	10,024	248,033
Hecla	3,268	81,875	3,245	85,097
Howard	8,357	198,737	8,357	206,508
Langford	2,233	55,754	2,233	58,193
Madison	55,525	1,286,712	55,525	1,336,586

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Mclaughlin	6,868	164,692	6,891	174,021
Miller	19,905	497,044	20,261	531,744
Parker	9,487	224,168	9,489	234,150
Pickstown	1,513	35,915	1,513	37,274
Pierre	114,403	2,898,815	114,403	3,058,543
Plankinton	6,569	166,245	6,569	173,121
Sioux Falls	43,599	1,008,981	43,599	1,048,439
Tyndall	8,076	208,735	8,076	220,312
Vermillion	41,949	1,059,403	41,949	1,113,710
Volga	10,592	234,842	10,592	244,381
Watertown	123,945	2,966,528	123,945	3,117,579
Wessington Springs	8,004	195,953	8,004	206,742
White	915	22,570	915	23,622
Winner	32,348	802,732	32,223	848,391
South Dakota subtotal	698,092	16,874,626	698,729	17,702,858
Municipalities subtotal	3,561,321	86,169,797	3,567,126	90,435,697
COOPERATIVES				
Iowa				
Central Iowa Power Cooperative	85,093	1,920,841	85,093	2,015,116
Corn Belt Power Cooperative	129,730	3,073,057	129,730	3,259,248
L and O Power Cooperative	68,042	1,589,899	68,042	1,671,691
Northwest Iowa Power Cooperative	214,462	5,045,685	214,468	5,354,881
Iowa subtotal	497,327	11,629,482	497,333	12,300,936
Minnesota				
Agralite Electric Cooperative	43,103	1,024,002	43,491	1,074,699
Brown County Rural Electrical Association	29,452	693,900	28,884	716,341
Federated Rural Electric Association	49,076	1,097,956	48,787	1,142,098
Itasca-Mantrap Cooperative Electrical Association	23,833	546,237	23,833	572,143
Kandiyohi Power Cooperative	31,436	675,551	23,005	527,482
Lake Region Cooperative Electrical Association	70,088	1,734,562	70,486	1,816,799
McLeod Cooperative Power Association	11,491	270,916	11,278	279,799
Meeker Cooperative Light And Power Association	23,303	569,575	23,317	594,894
Minnesota Valley Cooperative Light and Power Association	51,307	1,255,094	51,307	1,313,790
Nobles Cooperative Electric	50,934	1,233,954	50,887	1,287,694
Redwood Electric Cooperative	30,793	700,736	30,690	730,143
Runestone Electric Association	43,687	1,073,964	43,878	1,124,073
South Central Electric Association	40,002	918,049	39,605	952,809
Stearns Cooperative Electric Association	48,632	1,189,048	48,990	1,246,623

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Todd-Wadena Electric Cooperative Association	28,060	701,144	28,328	735,933
Minnesota subtotal	575,197	13,684,688	566,766	14,115,320
Montana				
Beartooth Electric Cooperative	5,722	131,622	5,722	139,352
Big Horn County Electric Cooperative	14,156	340,363	14,156	355,775
Central Montana Electric Power Cooperative	317,907	7,287,713	339,689	8,216,041
Members 1st Power Cooperative	48,603	1,181,120	26,821	679,440
Montana subtotal	386,388	8,940,818	386,388	9,390,608
North Dakota				
Basin Electric Power Cooperative	43,854	8,444,282	44,031	9,060,826
Central Power Electric Cooperative	330,619	7,374,916	330,245	7,755,486
KEM Electric Cooperative	32,566	809,879	32,566	860,990
Minnkota Power Cooperative	359,293	8,119,415	361,824	8,543,539
Mor-Gran-Sou Electric Cooperative	26,545	618,973	26,381	657,864
Upper Missouri Power Cooperative	347,561	7,692,068	347,561	8,124,429
North Dakota subtotal	1,140,438	33,059,533	1,142,608	35,003,134
South Dakota				
East River Electric Power Cooperative	708,679	16,595,848	708,890	17,579,567
Grand Electric Cooperative	25,819	588,881	25,819	623,869
Rosebud Electric Cooperative	59,456	1,503,800	59,456	1,587,667
Rushmore Electric Power Cooperative	159,896	3,830,265	159,928	4,043,335
South Dakota subtotal	953,850	22,518,794	954,093	23,834,438
Cooperatives subtotal	3,553,200	89,833,315	3,547,188	94,644,436
PUBLIC UTILITY DISTRICTS				
Nebraska				
Nebraska Public Power District	706,888	24,581,094	709,737	27,819,698
Northeast Nebraska Public Power District	11,426	270,962	8,577	207,249
Omaha Public Power District	379,297	8,273,157	379,194	8,569,937
Nebraska subtotal	1,097,611	33,125,213	1,097,508	36,596,884
North Dakota				
Montana-Dakota Utilities Company, a Division of MDU Resources Group	1,252	35,136	2,434	53,774
North Dakota subtotal	1,252	35,136	2,434	53,774
South Dakota				
Heartland Consumers Power District	50,190	98,859	2,690	61,195
Missouri River Energy Services	2,446	59,360	2,318	46,542
South Dakota subtotal	52,636	158,219	5,008	107,737
Public utility districts subtotal	1,151,499	33,318,568	1,104,950	36,758,395

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
FEDERAL AGENCIES				
Montana				
Department of Energy - Bonneville Power Administration ³	17,751	531,227	0	0
Montana subtotal	17,751	531,227	0	0
Oregon				
Department of Energy - Bonneville Power Administration ³	0	0	20,199	464,831
Oregon subtotal	0	0	20,199	464,831
South Dakota				
Ellsworth Air Force Base	49,520	1,117,102	50,113	1,189,543
South Dakota subtotal	49,520	1,117,102	50,113	1,189,543
Federal agencies subtotal	67,271	1,648,329	70,312	1,654,374
STATE AGENCIES				
Minnesota				
Southwest Minnesota State University	35,371	790,998	35,595	825,557
Minnesota subtotal	35,371	790,998	35,595	825,557
Montana				
Montana State University-Bozeman	15,721	348,751	15,245	356,246
Montana subtotal	15,721	348,751	15,245	356,246
Nebraska				
Beatrice State Developmental Center	5,328	120,424	5,224	126,964
Hastings Regional Center	2,682	62,659	2,682	64,687
Nebraska State Penitentiary	11,324	268,573	11,324	279,338
Norfolk Regional Center	2,446	59,266	2,446	62,779
Peru State College	2,004	46,257	1,972	48,856
University of Nebraska, Lincoln	102,093	2,278,302	102,093	2,369,501
University of Nebraska, Omaha	5,831	136,062	6,351	151,959
Wayne State College	1,910	44,834	1,910	48,282
Nebraska subtotal	133,618	3,016,377	134,002	3,152,366
North Dakota				
Dakota College-Bottineau	1,116	26,965	1,116	28,180
Life Skills And Transition Center	4,054	89,979	4,524	105,805
Mclean Sheridan Rural Water	711	18,388	795	21,054
Missouri West Water System	223	9,886	267	11,045
North Dakota College of Science	7,932	204,134	8,108	216,524
North Dakota Mill and Elevator Association	24,679	581,747	24,679	606,299
North Dakota School For the Deaf	432	11,066	445	12,672
North Dakota State Hospital	5,061	118,856	5,061	125,769

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Southwest Water Authority	17,595	499,805	19,119	549,854
University of North Dakota	44,063	1,020,341	44,063	1,062,492
North Dakota subtotal	105,866	2,581,167	108,177	2,739,694
South Dakota				
Black Hills State University	7,997	184,402	7,759	196,064
Lewis and Clark Rural Water System	13,851	314,832	11,897	294,591
Mike Durfee State Prison	3,761	91,908	3,804	96,772
Northern State University-Aberdeen	9,597	226,918	9,828	240,504
South Dakota Developmental Center	3,567	79,199	3,819	88,175
South Dakota Human Services Center	5,845	142,763	5,975	152,238
South Dakota School of Mines and Technology	11,533	267,274	10,360	259,477
South Dakota State Penitentiary	6,792	164,715	6,909	170,488
South Dakota State University	47,096	1,115,240	47,096	1,158,996
University of South Dakota	38,672	858,291	39,288	904,007
South Dakota subtotal	148,711	3,445,542	146,735	3,561,312
State agencies subtotal	439,287	10,182,835	439,754	10,635,175
IRRIGATION DISTRICTS				
Montana				
Hammond Irrigation District	230	5,677	210	5,569
Hysham Irrigation District	1,544	35,061	1,766	41,021
Prairie County Water and Sewer District No. 2	829	26,028	953	23,857
Montana subtotal	2,603	66,766	2,929	70,447
Nebraska				
Loup Basin Reclamation District	174	6,230	460	12,089
Nebraska subtotal	174	6,230	460	12,089
North Dakota				
Garrison Diversion Conservancy District	953	18,814	964	19,126
North Dakota subtotal	953	18,814	964	19,126
Irrigation districts subtotal	3,730	91,810	4,353	101,662
NATIVE AMERICAN TRIBES				
Minnesota				
Lower Sioux Indian Community	11,787	282,888	11,787	295,273
Upper Sioux Community	1,206	28,924	1,206	30,171
White Earth Indian Reservation	9,764	234,341	9,764	244,539
Minnesota subtotal	22,757	546,153	22,757	569,983
Montana				
Blackfeet Tribe	29,050	697,200	29,050	728,051
Chippewa Cree Tribe of The Rocky Boys Reservation	2,480	59,493	2,480	62,380
Crow Tribe	6,195	148,680	6,018	150,896

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Fort Belknap Indian Community	11,207	268,944	11,207	280,921
Fort Peck Tribes	21,345	512,281	21,345	534,630
Northern Cheyenne Tribe	10,991	263,784	10,991	274,868
Montana subtotal	81,268	1,950,382	81,091	2,031,746
Nebraska				
Omaha Tribe of Nebraska	7,809	187,361	7,805	195,728
Ponca Tribe of Nebraska	5,815	139,560	5,815	145,697
Santee Sioux Nation	2,932	70,314	2,932	73,402
Winnebago Tribe of Nebraska	8,254	198,093	8,254	206,797
Nebraska subtotal	24,810	595,328	24,806	621,624
North Dakota				
Bureau of Indian Affairs - Turtle Mountain and Fort Totten	2,289	53,993	2,432	62,017
Spirit Lake Sioux Tribe	16,864	404,744	16,864	422,925
Standing Rock Sioux Tribe	20,026	480,599	20,026	501,360
Three Affiliated Tribes	13,360	320,632	13,360	334,831
Turtle Mountain Band of Chippewa Indians	31,545	757,055	31,545	792,722
North Dakota subtotal	84,084	2,017,023	84,227	2,113,855
South Dakota				
Cheyenne River Sioux Tribe	19,959	479,037	19,959	500,098
Crow Creek Sioux Tribe	2,178	52,252	2,178	54,449
Lower Brule Sioux Tribe	4,586	110,043	4,586	114,880
Mni Sose Intertribal Water Rights Coalition	9,590	345,649	10,192	338,469
Oglala Sioux Tribe	51,757	1,242,210	51,757	1,296,937
Rosebud Sioux Tribe	31,490	755,756	31,490	788,977
Sisseton-Wahpeton Sioux Tribe	7,811	187,426	7,811	195,468
Yankton Sioux Tribe	9,657	231,800	9,657	241,860
South Dakota subtotal	137,028	3,404,173	137,630	3,531,138
Native American tribes subtotal	349,947	8,513,059	350,511	8,868,346
INVESTOR-OWNED UTILITIES				
Minnesota				
Otter Tail Power Company	198	5,750	1	28
Minnesota subtotal	198	5,750	1	28
Montana				
NorthWestern Corporation d.b.a. NorthWestern Energy	12,101	260,596	25,440	1,613,471
Pacificorp Power Marketing ³	3	80	0	0
Montana subtotal	12,104	260,676	25,440	1,613,471
Oregon				
Pacificorp Power Marketing ³	0	0	4	113
Oregon subtotal	0	0	4	113

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
South Dakota				
Black Hills Power	19,823	384,294	15,035	272,302
Northwestern Public Service	0	5,446	0	2,800
South Dakota subtotal	19,823	389,740	15,035	275,102
Washington				
Puget Sound Energy	0	0	3	66
Washington subtotal	0	0	3	66
Investor-owned utilities subtotal	32,125	656,166	40,483	1,888,780
POWER MARKETERS				
California				
Naturener	0	0	3	56
California subtotal	0	0	3	56
Florida				
Gridforce Energy Management ³	0	0	11	369
Florida subtotal	0	0	11	369
Montana				
Gridforce Energy Management ³	15	730	0	0
Powerex	47	47	0	0
Montana subtotal	62	777	0	0
Nebraska				
Tenaska Power Services	30	750	0	0
Nebraska subtotal	30	750	0	0
North Dakota				
Rainbow Energy Marketing Corporation	19,456	1,331,498	28,922	1,596,467
North Dakota subtotal	19,456	1,331,498	28,922	1,596,467
Oregon				
Avangrid Renewables	0	0	1	40
Portland General Electric	0	0	1	33
Oregon subtotal	0	0	2	73
Texas				
EDF Trading North America	12,040	304,847	41,822	848,003
Macquarie Energy	161,816	7,453,920	27,426	677,084
Texas subtotal	173,856	7,758,767	69,248	1,525,087
INTERNATIONAL				
Canada				
BC Hydro	0	0	1	16
Canada subtotal	0	0	1	16
Power marketers subtotal	193,342	9,091,015	98,187	3,122,068

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
INDEPENDENT SYSTEM OPERATOR CORPORATIONS				
Arkansas				
Southwest Power Pool	4,523,088	76,245,238	3,328,739	66,560,465
Arkansas subtotal	4,523,088	76,245,238	3,328,739	66,560,465
Indiana				
Midcontinent Independent System Operator	441	14,132	474	12,015
Indiana subtotal	441	14,132	474	12,015
Independent system operator corporations subtotal	4,523,529	76,259,370	3,329,213	66,572,480
INTERPROJECT				
Colorado				
Rocky Mountain region	2,085	55,979	1,964	28,370
Colorado subtotal	2,085	55,979	1,964	28,370
Interproject subtotal	2,085	55,979	1,964	28,370
PROJECT USE				
Montana				
Montana (12 customers)	21,830	58,151	23,393	62,872
Montana subtotal	21,830	58,151	23,393	62,872
Nebraska				
Nebraska (3 customers)	1,251	3,792	1,557	4,291
Nebraska subtotal	1,251	3,792	1,557	4,291
North Dakota				
North Dakota (8 customers)	3,916	48,685	4,521	54,814
North Dakota subtotal	3,916	48,685	4,521	54,814
South Dakota				
South Dakota (5 customers)	1,222	30,767	3,217	43,158
South Dakota subtotal	1,222	30,767	3,217	43,158
Project-use subtotal	28,219	141,395	32,688	165,135
Pick-Sloan Missouri River Basin — Eastern Division total	13,905,617	315,962,415	12,586,729	314,874,918

¹ Power revenues as presented in this table are \$73 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$61.1 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$11.1 million for the Basin Electric Power Cooperative cost sharing payment; \$0.8 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$85.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$80 million in revenue related to Pick-Sloan's Western Division, which is included separately as part of the Loveland Area Projects' revenue tables; \$5.6 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	14,626,381	0	618,353	15,244,734
Income transfers (net)	0	0	0	0
Total operating revenue	14,626,381	0	618,353	15,244,734
EXPENSES:				
O&M and other	5,646,139	(3,820)	243,115	5,885,434
Purchase power and other	4,198,322	0	136,143	4,334,465
Interest				
Federally financed	3,077,825	0	97,030	3,174,855
Non-federally financed	57,387	0	2,776	60,163
Total interest	3,135,212	0	99,806	3,235,018
Total expense	12,979,673	(3,820)	479,064	13,454,917
(Deficit)/surplus revenue	0	3,820	(3,820)	0
INVESTMENT:				
Federally financed power	3,695,031	6,000	133,312	3,834,343
Non-federally financed power	23,255	0	0	23,255
Nonpower	741,622	(4,893)	0	736,729
Total investment	4,459,908	1,107	133,312	4,594,327
INVESTMENT REPAID:				
Federally financed power	1,563,035	0	141,396	1,704,431
Non-federally financed power	7,099	0	708	7,807
Nonpower	76,574	0	1,005	77,579
Total investment repaid	1,646,708	0	143,109	1,789,817
INVESTMENT UNPAID:				
Federally financed power	2,131,996	6,000	(8,084)	2,129,912
Non-federally financed power	16,156	0	(708)	15,448
Nonpower	665,048	(4,893)	(1,005)	659,150
Total investment unpaid	2,813,200	1,107	(9,797)	2,804,510
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	42.30%			44.45%
Non-federal	30.53%			33.57%
Nonpower	10.33%			10.53%

¹ This column ties to the cumulative numbers on Page 102 of the FY 2018 Statistical Appendix.² Based on FY 2019 final audited financial statements.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019				FY 2018			
	WAPA	Reclamation	Corps	Total	WAPA	Reclamation	Corps	Total
Assets:								
Completed utility plant	\$2,280,744	\$533,467	\$1,225,572	\$4,039,783	\$2,247,478	\$530,110	\$1,182,942	\$3,960,530
Accumulated depreciation	(1,121,152)	(370,738)	(620,836)	(2,112,726)	(1,080,043)	(366,727)	(606,085)	(2,052,855)
Net completed plant	1,159,592	162,729	604,736	1,927,057	1,167,435	163,383	576,857	1,907,675
Construction work-in-progress	62,319	19,563	31,368	113,250	51,938	8,989	44,566	105,493
Net utility plant	1,221,911	182,292	636,104	2,040,307	1,219,373	172,372	621,423	2,013,168
Cash	479,790	75,324	207,400	762,514	415,095	47,310	168,958	631,363
Accounts receivable, net	70,146	314	0	70,460	67,822	846	0	68,668
Regulatory assets	30,573	20,393	48,662	99,628	27,852	21,419	45,840	95,111
Other assets	49,429	0	4,990	54,419	47,962	0	4,908	52,870
Total assets	1,851,849	278,323	897,156	3,027,328	1,778,104	241,947	841,129	2,861,180
Liabilities:								
Long-term liabilities	19,382	15,449	0	34,831	19,382	16,157	0	35,539
Customer advances and other liabilities	23,305	6,054	10,318	39,677	20,856	6,822	5,194	32,872
Accounts payable	4,594	3,317	3,952	11,863	4,614	3,163	959	8,736
Environmental cleanup liabilities	12,581	913	0	13,494	12,409	854	0	13,263
Total liabilities	59,862	25,733	14,270	99,865	57,261	26,996	6,153	90,410
Capitalization:								
Payable to U.S. Treasury	1,891,902	256,018	918,695	3,066,615	1,855,161	274,196	866,637	2,995,994
Accumulated net revenues (deficit)	(99,915)	(3,428)	(35,809)	(139,152)	(134,318)	(59,245)	(31,661)	(225,224)
Total capitalization	1,791,987	252,590	882,886	2,927,463	1,720,843	214,951	834,976	2,770,770
Total liabilities and capitalization	\$1,851,849	\$278,323	\$897,156	\$3,027,328	\$1,778,104	\$241,947	\$841,129	\$2,861,180

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019				FY 2018			
	WAPA	Reclamation	Corps	Total	WAPA	Reclamation	Corps	Total
Operating revenues:								
Sales of electric power	\$388,972	\$0	\$0	\$388,972	\$400,506	\$0	\$0	\$400,506
Transmission and other operating revenues	228,654	476	251	229,381	228,809	1,560	397	230,766
Gross operating revenues	617,626	476	251	618,353	629,315	1,560	397	631,272
Income transfers, net	(190,164)	108,586	81,578	0	(137,078)	40,540	96,538	0
Total operating revenues	427,462	109,062	81,829	618,353	492,237	42,100	96,935	631,272
Operating expenses:								
Operation and maintenance	118,465	43,122	52,002	213,589	112,409	42,618	52,242	207,269
Purchased power	40,584	0	0	40,584	32,362	0	0	32,362
Purchased transmission services	95,559	0	0	95,559	91,536	0	0	91,536
Depreciation	51,000	4,253	17,880	73,133	51,013	3,224	14,660	68,897
Administration and general	29,526	0	0	29,526	30,060	0	0	30,060
Total operating expenses	335,134	47,375	69,882	452,391	317,380	45,842	66,902	430,124
Net operating revenues (deficit)	92,328	61,687	11,947	165,962	174,857	(3,742)	30,033	201,148
Interest expenses:								
Interest on payable to U.S. Treasury	68,419	9,065	23,981	101,465	75,545	8,988	23,323	107,856
Allowance for funds used during construction	(2,463)	(66)	(1,906)	(4,435)	(2,793)	878	(2,400)	(4,315)
Net interest on payable to U.S. Treasury	65,956	8,999	22,075	97,030	72,752	9,866	20,923	103,541
Interest on long-term liabilities	987	1,789	0	2,776	2,286	1,859	0	4,145
Net interest expenses	66,943	10,788	22,075	99,806	75,038	11,725	20,923	107,686
Net revenues (deficit)	25,385	50,899	(10,128)	66,156	99,819	(15,467)	9,110	93,462
Accumulated net revenues (deficit):								
Balance, beginning of year	(134,318)	(59,245)	(31,661)	(225,224)	(243,365)	(41,995)	(30,627)	(315,987)
Change in capitalization	9,018	5,923	5,980	20,921	9,228	(1,783)	(10,144)	(2,699)
Balance, end of year	(\$99,915)	(\$3,428)	(\$35,809)	(\$139,152)	(\$134,318)	(\$59,245)	(\$31,661)	(\$225,224)

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power generated at the Colorado River Storage Project and from the Collbran and Rio Grande projects was combined into the Salt Lake City Area/Integrated Projects on Oct. 1, 1987, and is marketed under the Post-2004 General Power Marketing and Allocation Criteria.

SLCA/IP's 2019 net generation was 5.1 billion kilowatt-hours, or about 7.1% lower than average net generation. Average net generation for the integrated projects since 1990 is about 5.5 billion kWh.

SLCA/IP power marketed by WAPA decreased from 5.7 billion kWh in fiscal year 2018 to 5.1 billion kWh in FY 2019. The 10.5% decrease was in part due to low water elevations at CRSP reservoirs in FY 2019 and maintenance requirements at some of the generating units. This year, power revenues increased by 0.8% from \$194 million in FY 2018 to \$196 million. For FY 2019, WAPA purchased 2 billion kilowatt-hours to supplement firm contractual requirements and other obligations, approximately 0.7 billion greater than was purchased the previous year.

Collbran Project

The Collbran Project, located in west-central Colorado about 35 miles northeast of Grand Junction near the town of Collbran, was authorized by Congress on July 3, 1952. Construction of the project started in 1957 and was essentially completed in 1962.

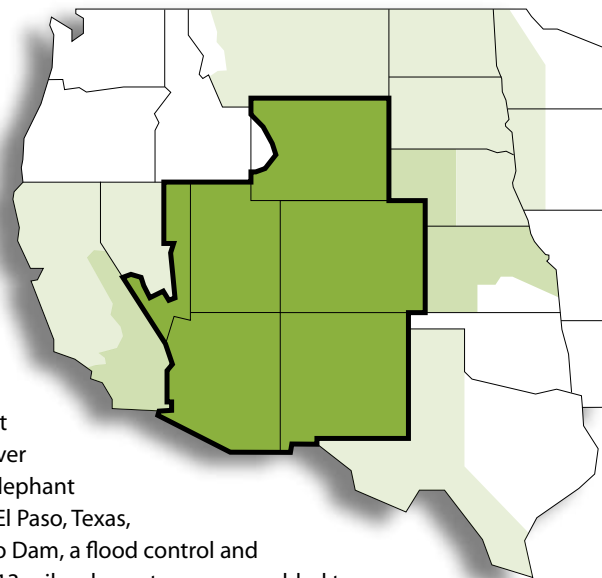
Collbran developed a major part of the unused water of Plateau Creek and its principal tributaries for irrigation, flood control, recreational and fish and wildlife benefits. It includes several small diversion dams, 34 miles of canals, 19 miles of pipeline and two power plants (Upper and Lower Molina) with a combined capacity of 14 megawatts. Net generation in 2019 was 45 million kWh. The five-year average generation is 37 million kWh.

Rio Grande Project

The Rio Grande Project was authorized by the Rio Grande Reclamation Project Act of Feb. 25, 1905. The project is located on the Rio Grande River in south-central New Mexico. Elephant Butte Dam, 125 miles north of El Paso, Texas, was completed in 1916. Caballo Dam, a flood control and reregulating reservoir, located 13 miles downstream, was added to the project in 1938.

Elephant Butte Powerplant and the 115-kV transmission system were added in 1940 and 1952, respectively. The transmission system was sold to the Plains Electric Generation and Transmission Cooperative in 1979. Hot Springs Substation was sold to Truth or Consequences, New Mexico, in 1984. The three-unit powerplant has an operating capacity of 28 MW.

Elephant Butte Powerplant's 2019 net generation was 47.7 million kWh. The five-year average is 42.7 million kWh.



Colorado River Storage Project

The Colorado River Storage Project was authorized by the Colorado River Storage Project Act of April 11, 1956. It consists of four major storage units: Glen Canyon on the Colorado River in Arizona near the Utah border; Flaming Gorge on the Green River in Utah near the Wyoming border; Navajo on the San Juan River in northwestern New Mexico near the Colorado border; and the Wayne N. Aspinall unit (formerly Curecanti) on the Gunnison River in west-central Colorado.

CRSP has a combined storage capacity that exceeds 31.9 million acre-feet. The project provides water-use developments in the upper Colorado River Basin while maintaining water deliveries to the lower Colorado River as required by the Colorado River Compact. Five federal powerplants are associated with the project. Operating capacity of CRSP's 16 generating units is 1,727,350 kW. With an average 5.2 billion kWh of net generation for the past five years, CRSP powerplants provide a portion of the electrical needs of more than five million people spread across Colorado, Utah, New Mexico, Arizona, Nebraska, Nevada and Wyoming. More than 3,738 circuit kilometers of high-voltage transmission lines are strung throughout these states to deliver power to customers.

Unregulated inflow in water year 2019 into Lake Powell during the April-July runoff season was 10.4 million acre feet, 145% of average. The Bureau of Reclamation's releases from Lake Powell were 9 million acre-feet. CRSP generation produced 4.9 billion kWh in FY 2019.

Seedskaadee

The Seedskaadee Project is a participating project of CRSP and is located in southwestern Wyoming in the Upper Green River Basin, which is part of the Upper Colorado River Basin. Seedskaadee was authorized as a participating project of the Colorado River Storage Project by the Colorado River Storage Project Act of April 11, 1956.

The project's Fontenelle Dam and Reservoir were completed in April 1964. Power facilities associated with the dam were completed in January 1966. These included a 10 MW powerplant and switchyard at Fontenelle Dam. Fontenelle Powerplant came online in 1968.

Net generation in FY 2019 was 57 million kWh. The five-year average generation is 57 million kWh.

Dolores

The Dolores Project is a participating project of CRSP and is located in Montezuma and Dolores counties in southwestern Colorado, was authorized for construction as a participating project of the Colorado River Storage Project by Public Law 90-537 on Sept. 30, 1968 and Public Law 98-569 on Oct. 30, 1984. Initial construction of the project began in 1977. This multipurpose project provides 12.8 MW of installed generating capacity along with municipal and industrial water, irrigation water, and recreation and fish and wildlife enhancement. Primary storage is provided by McPhee Dam and Reservoir on the Dolores River.

Powerplants are located on McPhee Dam and Towaoc Canal and generate power for the Colorado River Storage Project power system. McPhee Dam Powerplant operates year-round on fishery releases from McPhee Reservoir, while the Towaoc Canal Powerplant operates from April to October on irrigation water supply conveyed through the canal. The powerplants at McPhee Dam—completed in 1992—and at Towaoc Canal—completed in 1993—can generate 1,283 kW and 11,495 kW, respectively, for use in the CRSP power system. Net generation in FY 2019 was 21.4 million kWh. Five-year average generation is 20.5 million kWh.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	36	36
Number of transformers	41	41
Transformer capacity (kVA)	8,384,090	8,384,090
Land (fee)		
Acres	748.22	748.22
Hectares	302.92	302.92
Land (easement)		
Acres	50.15	50.15
Hectares	20.30	20.30

Facilities, Substations, continued

Facility	FY 2019	FY 2018
Land (withdrawal)		
Acres	128.26	128.26
Hectares	51.93	51.93
Buildings and communication sites		
Number of buildings	82	82
Number of communication sites	67	67
Land (fee)		
Acres	38.38	38.38
Hectares	15.54	15.54
Land (easement)		
Acres	8.24	8.24
Hectares	3.34	3.34

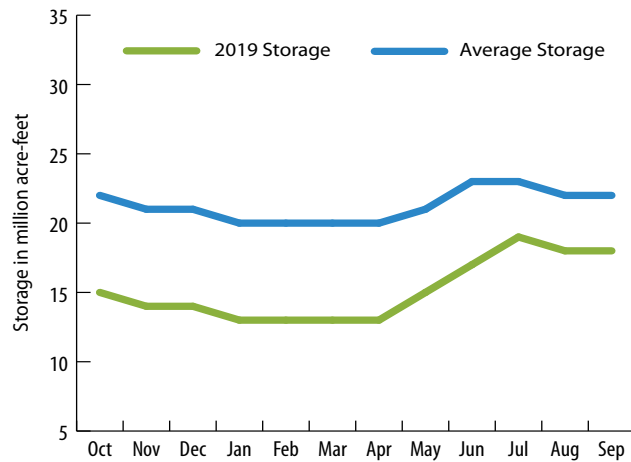
Transmission Lines

Voltage rating	Arizona		Colorado		New Mexico		Utah		Wyoming		Total	
	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018	FY 2019	FY 2018
345-kV												
Circuit miles	477.12	477.12	315.75	315.75	22.14	22.14	16.98	16.98	36.40	36.40	868.39	868.39
Circuit kilometers	767.69	767.69	508.04	508.04	35.62	35.62	27.32	27.32	58.57	58.57	1,397.24	1,397.24
Acres	8,563.08	8,563.08	7,299.55	7,299.55	590.43	590.43	308.17	308.17	773.72	773.72	17,534.95	17,534.95
Hectares	3,466.84	3,466.84	2,955.29	2,955.29	239.04	239.04	124.77	124.77	313.25	313.25	7,099.19	7,099.19
230-kV												
Circuit miles ¹	198.83	198.83	637.83	637.17	58.17	58.17	0.00	0.00	91.98	91.98	986.81	986.15
Circuit kilometers ¹	319.92	319.92	1,026.27	1,025.21	93.60	93.60	0.00	0.00	148.00	148.00	1,587.79	1,586.73
Acres	2,467.08	2,467.08	7,809.88	7,809.88	1,092.01	1,092.01	0.00	0.00	1,393.90	1,393.90	12,762.87	12,762.87
Hectares	998.82	998.82	3,161.90	3,161.90	442.11	442.11	0.00	0.00	564.33	564.33	5,167.16	5,167.17
138-kV												
Circuit miles ¹	0.00	0.00	188.38	188.03	0.00	0.00	118.66	118.66	0.00	0.00	307.04	306.69
Circuit kilometers ¹	0.00	0.00	303.10	302.54	0.00	0.00	190.92	190.92	0.00	0.00	494.02	493.46
Acres	0.00	0.00	1,455.03	1,455.03	0.00	0.00	1,065.64	1,065.64	0.00	0.00	2,520.67	2,520.67
Hectares	0.00	0.00	589.08	589.08	0.00	0.00	431.43	431.43	0.00	0.00	1,020.51	1,020.51
115-kV												
Circuit miles	0.00	0.00	135.47	135.47	0.00	0.00	0.00	0.00	0.00	0.00	135.47	135.47
Circuit kilometers	0.00	0.00	217.97	217.97	0.00	0.00	0.00	0.00	0.00	0.00	217.97	217.97
Acres	0.00	0.00	1,183.85	1,183.85	0.00	0.00	0.00	0.00	0.00	0.00	1,183.85	1,183.85
Hectares	0.00	0.00	479.29	479.29	0.00	0.00	0.00	0.00	0.00	0.00	479.29	479.29
69-kV and below												
Circuit miles	5.45	5.45	17.34	17.34	3.63	3.63	0.32	0.32	0.00	0.00	26.74	26.74
Circuit kilometers	8.77	8.77	27.90	27.90	5.84	5.84	0.51	0.51	0.00	0.00	43.02	43.02
Acres	34.06	34.06	298.77	298.77	12.44	12.44	37.69	37.69	0.00	0.00	382.96	382.96
Hectares	13.79	13.79	120.96	120.96	5.04	5.04	15.26	15.26	0.00	0.00	155.05	155.04
Totals												
Circuit miles	681.40	681.40	1,294.77	1,293.76	83.94	83.94	135.96	135.96	128.38	128.38	2,324.45	2,323.44
Circuit kilometers	1,096.38	1,096.38	2,083.28	2,081.66	135.06	135.06	218.75	218.75	206.57	206.57	3,740.04	3,738.42
Acres	11,064.22	11,064.22	18,047.08	18,047.08	1,694.88	1,694.88	1,411.50	1,411.50	2,167.62	2,167.62	34,385.30	34,385.30
Hectares	4,479.45	4,479.45	7,306.52	7,306.52	686.19	686.19	571.46	571.46	877.58	877.58	13,921.20	13,921.20

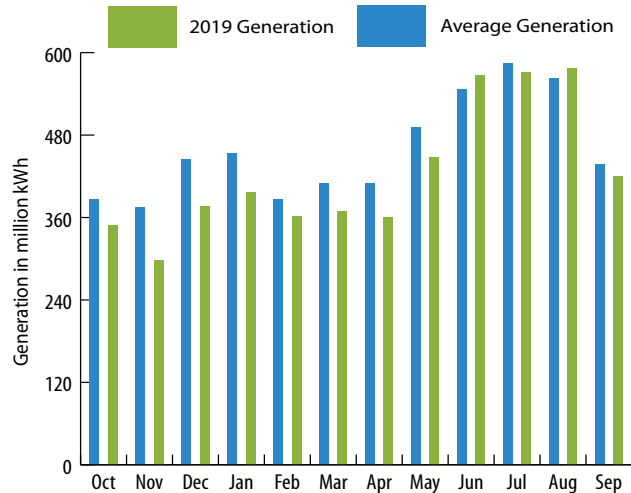
¹ Data corrections to 230-kV and 138-kV lines.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Storage



Generation



Active Firm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	SLIP-F10	5.18	12.19 mills/kWh	10/1/2015	29.42 mills/kWh

Active Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	SP-PTP8, Firm point-to-point transmission service	\$1.63/kW-month
2019	SP-NFT7, Nonfirm point-to-point transmission service	Mutually agreed by WAPA and purchasing entity up to 2.23 mills/kWh
2019	SP-NW4, Network integration transmission	Network customer's load ratio share times 1/12 total net annual revenue requirement
2019	L-AS1, Scheduling system control and dispatch	Included in PTP rate. A \$22.55 schedule/day charge is assessed to non-firm transmission customers
2019	L-AS2, Reactive supply and voltage-control services	\$0.078/kW-Month
2019	L-AS4, Energy imbalance	Imbalance between 1.5% and 7.5% is a 10% penalty; imbalance greater than 7.5% is a 25% penalty
2019	L-AS3, Regulation and frequency response	\$0.230/kW-Month, wind multiplier 166%, solar multiplier 100%, RM schedule
2019	SP-SSR4, Spinning and supplemental reserves	Negotiated rate under the Western Systems Power Pool contract
2019	WC-8, WestConnect regional nonfirm point-to-point transmission service	CRSP, DSW and LAP's nonfirm point-to-point rate converted to on and off peak rates

Active Marketing Plan

Project	Expiration date
Salt Lake City Area/Integrated Projects	9/30/2024

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Powerplants

State/plant name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Arizona									
Glen Canyon	Reclamation	Colorado	Sep 1964	8	1,320	1,207	1,267	3,824	4,051
Colorado									
Blue Mesa	Reclamation	Gunnison	Sep 1967	2	86	53	86	166	238
Crystal	Reclamation	Gunnison	Jun 1978	1	32	32	32	134	181
Lower Molina	Reclamation	Pipeline	Dec 1962	1	6	6	6	17	8
McPhee	Reclamation	Dolores	Jun 1993	1	1	1	1	4	3
Morrow Point	Reclamation	Gunnison	Dec 1970	2	165	165	165	297	450
Towaoc	Reclamation	Canal	Jun 1993	1	11	11	11	17	11
Upper Molina	Reclamation	Pipeline	Dec 1962	1	10	10	10	28	14
New Mexico									
Elephant Butte	Reclamation	Rio Grande	Nov 1940	3	28	28	27	48	40
Utah									
Flaming Gorge	Reclamation	Green	Nov 1963	3	152	152	152	504	629
Wyoming									
Fontenelle	Reclamation	Green	May 1968	1	10	10	10	57	67
Salt Lake City Area/Integrated Projects total				24	1,821	1,675	1,767	5,096	5,692

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use.

Operating agency:

Reclamation - Bureau of Reclamation, Department of the Interior

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales by Customer Category

Customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Municipalities	2,450,703	370,519	2,821,222	69,228,627	14,237,915	83,466,542	2,693,253	81,386,728
Cooperatives	2,150,325	33,187	2,183,512	63,316,783	557,939	63,874,722	2,168,975	63,738,339
Federal agencies	161,743	19,391	181,134	4,546,868	649,920	5,196,788	184,308	5,478,416
State agencies	380,754	110,656	491,410	11,086,328	1,948,120	13,034,448	388,556	11,422,378
Irrigation districts	132,804	13,881	146,685	3,957,000	423,689	4,380,689	186,327	5,498,839
Native American tribes	725,381	18,833	744,214	20,223,638	605,597	20,829,235	754,771	21,032,175
Investor-owned utilities	0	62,198	62,198	0	1,786,680	1,786,680	32,467	1,045,524
Power marketers	0	2,158	2,158	0	29,851	29,851	1,858	61,733
Joint power authorities	0	675	675	0	26,223	26,223	5,433	224,892
Independent system operator corporations	0	2,950	2,950	0	100,705	100,705	0	0
Interproject	0	11,987	11,987	0	456,939	456,939	29,567	1,542,428
Project use	98,516	7	98,523	2,510,529	2,398	2,512,927	105,534	2,718,890
Salt Lake City Area/Integrated Projects total	6,100,226	646,442	6,746,668	174,869,773	20,825,976	195,695,749	6,551,049	194,150,342

¹ Power revenues as presented in this table are \$1.5 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$1.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$1.7 million for settlement payment from California Power Exchange; -\$0.1 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales by State and Customer Category

State/customer category	FY 2019 ¹						FY 2018 ²	
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
Arizona								
Municipalities	113,705	26,106	139,811	3,221,115	829,896	4,051,011	128,069	3,942,464
Cooperatives	50,170	2,890	53,060	1,483,890	109,858	1,593,748	54,827	1,676,727
Federal agencies	24,586	331	24,917	683,167	8,395	691,562	23,180	703,930
State agencies	263,571	110,655	374,226	7,702,846	1,948,075	9,650,921	280,918	8,285,769
Irrigation districts	131,305	13,881	145,186	3,909,454	169,194	4,078,648	183,666	5,437,424
Native American tribes	672,994	18,830	691,824	18,712,308	605,499	19,317,807	701,397	19,496,547
Investor-owned utilities	0	18,221	18,221	0	729,290	729,290	17,502	570,694
Interproject	0	6,517	6,517	0	291,356	291,356	13,262	922,910
Arizona subtotal	1,256,331	197,431	1,453,762	35,712,780	4,691,563	40,404,343	1,402,821	41,036,465
California								
Independent system operator corporations	0	2,950	2,950	0	100,705	100,705	0	0
California subtotal	0	2,950	2,950	0	100,705	100,705	0	0
Colorado								
Municipalities	762,670	5,286	767,956	21,270,725	92,859	21,363,584	763,072	21,194,500
Cooperatives	1,547,509	30,232	1,577,741	45,489,963	446,614	45,936,577	1,560,844	45,893,704
Federal agencies	8,527	0	8,527	262,843	0	262,843	8,431	261,655
Native American tribes	6,072	0	6,072	175,999	0	175,999	6,072	175,999
Investor-owned utilities	0	23,358	23,358	0	372,050	372,050	3,823	111,473
Power marketers	0	279	279	0	3,765	3,765	0	0
Interproject	0	5,470	5,470	0	165,583	165,583	16,305	619,518
Project use	19,033	7	19,040	505,139	2,398	507,537	20,726	557,826
Colorado subtotal	2,343,811	64,632	2,408,443	67,704,669	1,083,269	68,787,938	2,379,273	68,814,675
Nevada								
State agencies	99,663	0	99,663	2,914,387	0	2,914,387	90,118	2,667,497
Native American tribes	3,037	0	3,037	88,263	0	88,263	3,037	88,261
Joint power authorities	0	675	675	0	26,223	26,223	5,433	224,892
Nevada subtotal	102,700	675	103,375	3,002,650	26,223	3,028,873	98,588	2,980,650
New Mexico								
Municipalities	180,548	329,416	509,964	5,064,232	12,957,447	18,021,679	456,411	16,458,885
Cooperatives	50,024	0	50,024	1,214,234	0	1,214,234	58,464	1,317,111
Federal agencies	97,543	3,526	101,069	2,718,628	83,695	2,802,323	101,103	2,828,886
Native American tribes	38,575	3	38,578	1,111,022	98	1,111,120	39,562	1,135,322
Investor-owned utilities	0	12,715	12,715	0	449,882	449,882	8,034	274,992
Project use	79,483	0	79,483	2,005,390	0	2,005,390	84,808	2,161,064
New Mexico subtotal	446,173	345,660	791,833	12,113,506	13,491,122	25,604,628	748,382	24,176,260

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales by State and Customer Category, continued

State/customer category	FY 2019 ¹			FY 2018 ²				
	Long-term (MWh)	Other (MWh)	Total energy (MWh)	Long-term (\$)	Other (\$)	Total revenue (\$)	Energy (MWh)	Revenue (\$)
South Dakota								
Investor-owned utilities	0	74	74	0	4,140	4,140	13	1,133
South Dakota subtotal	0	74	74	0	4,140	4,140	13	1,133
Utah								
Municipalities ³	1,369,026	9,702	1,378,728	38,937,533	357,255	39,294,788	1,320,938	39,055,354
Cooperatives ³	502,477	65	502,542	15,124,357	1,467	15,125,824	494,689	14,846,394
Federal agencies	31,087	2	31,089	882,230	98	882,328	30,348	904,964
State agencies	17,520	1	17,521	469,095	45	469,140	17,520	469,112
Irrigation districts	1,499	0	1,499	47,546	254,495	302,041	2,661	61,415
Native American tribes	2,900	0	2,900	83,754	0	83,754	2,900	83,753
Investor-owned utilities	0	7,830	7,830	0	231,318	231,318	3,095	87,232
Power marketers	0	1,879	1,879	0	26,086	26,086	1,858	61,733
Utah subtotal	1,924,509	19,479	1,943,988	55,544,515	870,764	56,415,279	1,874,009	55,569,957
Wyoming								
Municipalities	24,754	9	24,763	735,022	458	735,480	24,763	735,525
Cooperatives	145	0	145	4,339	0	4,339	151	4,403
Federal agencies	0	15,532	15,532	0	557,732	557,732	21,246	778,981
Native American tribes	1,803	0	1,803	52,292	0	52,292	1,803	52,293
Wyoming subtotal	26,702	15,541	42,243	791,653	558,190	1,349,843	47,963	1,571,202
Salt Lake City Area/Integrated Projects total	6,100,226	646,442	6,746,668	174,869,773	20,825,976	195,695,749	6,551,049	194,150,342

¹ Power revenues as presented in this table are \$1.5 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$1.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$1.7 million for settlement payment from California Power Exchange; -\$0.1 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ FY 2018 project-use loads and revenues in Utah are 32,477 MWh/year and \$661,000, respectively. Due to billing software constraints, these values are included in the Utah municipalities and cooperatives subtotals.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arizona						
Municipalities	4	0	4	4	0	4
Cooperatives	2	1	3	2	2	4
Federal agencies	4	0	4	4	0	4
State agencies	1	0	1	1	0	1
Irrigation districts	13	0	13	14	0	14
Native American tribes	18	0	18	18	0	18
Investor-owned utilities	0	2	2	0	3	3
Arizona subtotal	42	3	45	43	5	48
California						
Municipalities	0	0	0	0	1	1
Independent system operator corporations	0	1	1	0	0	0
California subtotal	0	1	1	0	1	1
Colorado						
Municipalities	16	1	17	16	1	17
Cooperatives	5	1	6	5	1	6
Federal agencies	1	0	1	1	0	1
Native American tribes	2	0	2	2	0	2
Investor-owned utilities	0	3	3	1	2	3
Power marketers	0	2	2	0	0	0
Colorado subtotal	24	7	31	25	4	29
Nevada						
State agencies	1	0	1	1	0	1
Native American tribes	4	0	4	4	0	4
Joint power authorities	0	1	1	0	1	1
Nevada subtotal	5	1	6	5	1	6
New Mexico						
Municipalities	6	0	6	6	0	6
Cooperatives	4	0	4	4	0	4
Federal agencies	4	0	4	4	0	4
Native American tribes	24	0	24	24	0	24
Investor-owned utilities	0	1	1	0	1	1
New Mexico subtotal	38	1	39	38	1	39
South Dakota						
Investor-owned utilities	0	1	1	0	1	1
South Dakota subtotal	0	1	1	0	1	1

Customers by State and Customer Category, continued

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Texas						
Investor-owned utilities	0	0	0	0	1	1
Texas subtotal	0	0	0	0	1	1
Utah						
Municipalities	6	0	6	6	0	6
Cooperatives	1	0	1	1	0	1
Federal agencies	3	0	3	3	0	3
State agencies	2	0	2	2	0	2
Irrigation districts	1	1	2	2	0	2
Native American tribes	3	0	3	3	0	3
Investor-owned utilities	0	1	1	0	1	1
Power marketers	0	1	1	0	1	1
Utah subtotal	16	3	19	17	2	19
Wyoming						
Municipalities	2	0	2	2	0	2
Cooperatives	1	0	1	1	0	1
Federal agencies	0	1	1	0	1	1
Native American tribes	1	0	1	1	0	1
Wyoming subtotal	4	1	5	4	1	5
Salt Lake City Area/Integrated Projects subtotal	129	18	147	132	17	149
Interproject	0	2	2	0	2	2
Project use	4	0	4	4	0	4
Salt Lake City Area/Integrated Projects total¹	133	20	153	136	19	155

¹ Includes one customer in FY 2019 and eight customers in FY 2018 with valid active contracts but with no energy sold.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	34	1	35	34	2	36
Cooperatives	13	2	15	13	3	16
Federal agencies	12	1	13	12	1	13
State agencies	4	0	4	4	0	4
Irrigation districts	14	1	15	16	0	16
Native American tribes	52	0	52	52	0	52
Investor-owned utilities	0	8	8	1	9	10
Power marketers	0	3	3	0	1	1
Joint power authorities	0	1	1	0	1	1
Independent system operator corporations	0	1	1	0	0	0
Salt Lake City Area/Integrated Projects subtotal	129	18	147	132	17	149
Interproject	0	2	2	0	2	2
Project use	4	0	4	4	0	4
Salt Lake City Area/Integrated Projects total¹	133	20	153	136	19	155

¹ Includes one customer in FY 2019 and eight customers in FY 2018 with valid active contracts but with no energy sold.

Top 5 Customers in Long-term Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Tri-State Generation and Transmission Association	42,260,585	24.5
2	Utah Associated Municipal Power System	19,354,877	11.2
3	Deseret Generation and Transmission Cooperative	15,124,357	8.8
4	Platte River Power Authority	14,039,289	8.1
5	Navajo Tribal Utility Authority	12,342,213	7.2
Total		103,121,321	59.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Long-term Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Tri-State Generation and Transmission Association	1,424,116	23.7
2	Utah Associated Municipal Power System	687,600	11.5
3	Platte River Power Authority	516,739	8.6
4	Deseret Generation and Transmission Cooperative	502,477	8.4
5	Navajo Tribal Utility Authority	454,882	7.6
Total		3,585,814	59.8

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Revenue¹

Rank	Customer	Revenue (\$)	Percent of total sales
1	Farmington	7,650,708	37.6
2	Los Alamos County	5,306,739	26.1
3	Salt River Project	1,948,075	9.6
4	Page Electric Utility	828,037	4.1
5	Tucson Electric Power Company	591,208	2.9
Total		16,324,767	80.3

¹ Excludes energy sales and power revenues from interproject and project-use customers.

Top 5 Customers in Other Energy Sales¹

Rank	Customer	Energy (MWh)	Percent of total sales
1	Farmington	190,450	30.0
2	Los Alamos County	138,966	21.9
3	Salt River Project	110,655	17.4
4	Page Electric Utility	25,954	4.1
5	Tri-State Generation and Transmission Association	23,104	3.6
Total		489,129	77.0

¹ Excludes energy sales and power revenues from interproject and project-use customers.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Purchased Power

Supplier	FY 2019		FY 2018	
	Energy (MWh)	Cost (\$ in thousands)	Energy (MWh)	Cost (\$ in thousands)
Non-WAPA suppliers				
Aggregated Energy Services	33	1	81	1
Arizona Electric Power Cooperative	10	1	110	5
Basin Electric Power Cooperative	234,163	5,869	318,284	8,491
Black Hills Power	8,699	409	10,382	358
Bureau of Indian Affairs - Colorado River Agency	739	16	1,499	26
Cargill Power Markets	0	1	10,000	265
Colorado River Commission of Nevada	250	16	290	13
Colorado Springs Utilities	51,074	1,888	39,832	1,313
County of Los Alamos	0	1	124	2
Farmington	515	11	2,472	50
Guzman Energy	4,266	190	3,944	112
Guzman Renewables	0	1	139	3
Los Angeles Department of Water and Power	993	66	603	48
Morgan Stanley Capital Group	5,450	181	8,862	215
Municipal Energy Agency of Nebraska	5,166	146	23,238	648
PacifiCorp	174,906	6,272	108,204	3,395
Platte River Power Authority	184,828	6,172	175,419	4,206
PowerEx Corp.	3,804	346	465	53
Public Service Company of Colorado	271,132	8,717	83,025	2,552
Public Service Company of New Mexico	82,269	3,089	41,337	1,125
Resource Management Services	930	20	1,380	28
Salt River Project	311,718	12,004	96,830	3,664
Silver State Energy Association	2,287	47	3,659	70
The Energy Authority	1,797	28	0	0
Tri-State Generation and Transmission Association	188,099	6,034	83,407	2,186
Tucson Electric Power Company	24,694	736	11,855	403
Unisource	45	1	157	5
Utah Associated Municipal Power Systems	850	24	1,912	56
Utah Municipal Power Agency	3,283	97	7,852	257
Non-WAPA suppliers subtotal	1,562,000	52,382	1,035,362	29,550
WAPA Suppliers				
Desert Southwest region	6,983	103	3,946	54
Loveland Area Projects ¹	103,277	2,487	145,960	3,077
Western Area Colorado Missouri Balancing Authority	333,500	4,891	103,757	1,383
WAPA suppliers subtotal	443,760	7,481	253,663	4,514
Purchased power total²	2,005,760	59,863	1,289,025	34,064

¹ Includes purchases made under Interagency Agreement No. 99-SLC-0392.

² Purchase power as presented in this table is \$1.9 million less than and \$1.8 million greater than the FY 2019 and FY 2018 purchased power presented in the statements of revenues and expenses and accumulated net revenues, respectively, due to variances between purchased power accrual estimates and actual purchased power.

Purchased Transmission Services

Supplier	FY 2019	FY 2018
	Cost (\$ in thousands)	Cost (\$ in thousands)
Non-WAPA suppliers		
Black Hills Energy	53	20
Black Hills Energy Colorado Electric Utility Company	161	204
Bridger Valley Electric Association	36	38
Delta-Montrose Electric Association	10	10
Deseret Generation and Transmission Association ¹	1,211	1,888
El Paso Electric Company	58	58
Empire Electric Association	72	94
PacifiCorp	3,199	3,207
Public Service Company of Colorado	77	27
Public Service Company of New Mexico	2,016	2,208
Salt River Project	1,004	313
Non-WAPA suppliers subtotal	7,898	8,067
WAPA suppliers		
Pacific NW-SW Intertie	3,296	3,339
WAPA suppliers subtotal	3,296	3,339
Purchased transmission services total²	11,194	11,406

¹ Costs of \$515,000 from FY 2017 recorded in FY 2018.

² Purchase transmission services as presented in this table are \$390,000 less than and \$214,000 greater than the FY 2019 and FY 2018 purchased transmission services presented in the statements of revenues and expenses and accumulated net revenues, respectively, due to variances between purchase transmission accrual estimates and actual purchased transmission.

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm network transmission service	1,706,271	1,461,139
Firm point-to-point transmission service	14,785,636	13,525,883
Nonfirm point-to-point transmission service	4,833,749	4,667,896
Short term point-to-point transmission service	449,744	185,882
Transmission services subtotal	21,775,400	19,840,800
Ancillary service		
Reactive supply and voltage control service	13,333	384,380
Scheduling and dispatch service	570,933	562,184
Operating reserves - spinning	1,286,201	1,891,592
Regulation and frequency response	561,730	502,251
Energy imbalance service	228,422	73,236
Miscellaneous nonpower revenue - revolving fund	38,133	40,717
Ancillary services subtotal	2,698,752	3,454,360
Other operating revenues ³	4,341,206	5,389,762
Transmission and other operating revenues total	28,815,358	28,684,922

¹ Transmission and other operating revenues as presented in this table are \$398,000 greater than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: -\$237,000 in variances between transmission revenue accrual estimates and actual transmission revenues; -\$161,000 in variances between ancillary services revenue accrual estimates and actual ancillary services revenues.

² Transmission and other operating revenues as presented in this table are \$515,000 less than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$261,000 in variances between transmission revenue accrual estimates and actual transmission revenues; \$129,000 in variances between ancillary services revenue accrual estimates and actual ancillary services revenues; \$125,000 in other miscellaneous minor corrections and transactions.

³ Other operating revenues during FY 2019 is comprised of \$592,000 in late charges, \$2.5 million in support services, \$526,000 in Western Replacement Power administrative charges and \$693,000 in other miscellaneous minor transactions.

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Arizona				
Mesa	25,974	719,101	18,554	542,702
Page Electric Utility	109,247	3,195,761	104,880	3,260,922
Safford ³	3,028	89,802	3,052	91,704
Thatcher ³	1,562	46,347	1,583	47,136
Arizona subtotal	139,811	4,051,011	128,069	3,942,464
Colorado				
Arkansas River Power Authority	7,802	235,460	7,831	235,874
Aspen	5,325	144,100	5,325	144,100
Center	4,816	142,073	4,809	141,950
Colorado Springs Utilities	154,587	4,486,535	163,430	4,705,615
Delta	5,687	162,722	5,687	162,722
Fleming	253	7,554	253	7,554
Fort Morgan	28,742	860,950	28,742	860,949
Frederick	58	1,576	161	4,363
Glenwood Springs	5,689	154,213	5,689	154,210
Gunnison	20,247	594,743	20,247	594,743
Haxtun	1,777	54,094	1,777	54,094
Holyoke	5,867	176,150	5,867	176,150
Municipal Energy Agency of Nebraska	68	2,433	281	5,145
Oak Creek	1,316	39,314	1,316	39,313
Platte River Power Authority	518,820	14,096,315	504,781	13,702,679
Wray	2,622	77,071	2,596	76,758
Yuma	4,280	128,281	4,280	128,281
Colorado subtotal	767,956	21,363,584	763,072	21,194,500

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
New Mexico				
Aztec	9,641	274,140	11,004	301,408
Farmington	302,134	10,790,901	230,462	8,348,046
Gallup	27,828	750,629	26,228	698,027
Los Alamos County	144,058	5,444,685	162,468	6,350,739
Raton Public Service Company	5,218	142,075	5,164	141,416
Truth Or Consequences	21,085	619,249	21,085	619,249
New Mexico subtotal	509,964	18,021,679	456,411	16,458,885
Utah				
Heber Light and Power	48,719	1,175,016	44,378	1,039,709
Helper Municipal Corp	1,498	40,702	1,498	40,697
Murray City Power	153,974	4,504,171	134,541	4,257,343
St. George	138,107	3,988,521	132,639	3,825,136
Utah Associated Municipal Power System ⁴	697,246	19,711,098	614,633	17,807,284
Utah Municipal Power Agency	339,184	9,875,280	393,249	12,085,185
Utah subtotal	1,378,728	39,294,788	1,320,938	39,055,354
Wyoming				
Torrington	5,211	156,702	5,211	156,702
Wyoming Municipal Power Agency	19,552	578,778	19,552	578,823
Wyoming subtotal	24,763	735,480	24,763	735,525
Municipalities subtotal	2,821,222	83,466,542	2,693,253	81,386,728
COOPERATIVES				
Arizona				
Aggregated Energy Services	0	0	201	6,518
Arizona Electric Power Cooperative	27,618	812,116	26,137	770,120
Navopache Electric	24,539	734,238	24,680	735,974
Resource Management Services	903	47,394	3,809	164,115
Arizona subtotal	53,060	1,593,748	54,827	1,676,727

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Colorado				
Basin Electric Power Cooperative	5,863	68,901	654	25,577
Grand Valley Rural Power Lines	9,086	229,982	8,002	204,731
Holy Cross Energy	39,783	1,051,555	39,772	1,055,916
Intermountain Rural Electric Association	46,340	1,225,111	46,300	1,230,755
Tri-State Generation and Transmission Association	1,447,220	42,604,348	1,439,873	42,694,974
Yampa Valley Electric Association	29,449	756,680	26,243	681,751
Colorado subtotal	1,577,741	45,936,577	1,560,844	45,893,704
New Mexico				
Central Valley Electric Cooperative	13,420	328,115	15,685	355,715
Farmers Electric Cooperative	10,963	276,100	12,827	298,824
Lea County Electric Cooperative	13,390	305,008	15,693	333,085
Roosevelt County Electric Cooperative	12,251	305,011	14,259	329,487
New Mexico subtotal	50,024	1,214,234	58,464	1,317,111
Utah				
Deseret Generation and Transmission Cooperative ⁵	502,542	15,125,824	494,689	14,846,394
Utah subtotal	502,542	15,125,824	494,689	14,846,394
Wyoming				
Willwood Light and Power Company	145	4,339	151	4,403
Wyoming subtotal	145	4,339	151	4,403
Cooperatives subtotal	2,183,512	63,874,722	2,168,975	63,738,339
FEDERAL AGENCIES				
Arizona				
Bureau of Indian Affairs - Colorado River Agency	2,539	76,386	2,673	82,279
Bureau of Indian Affairs - San Carlos Irrigation Project ³	5,899	174,612	6,027	178,070
Department of Defense - Yuma Proving Ground	3,184	90,201	3,179	93,917
Luke Air Force Base	13,295	350,363	11,301	349,664
Arizona subtotal	24,917	691,562	23,180	703,930

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Colorado				
Pueblo Army Depot	8,527	262,843	8,431	261,655
Colorado subtotal	8,527	262,843	8,431	261,655
New Mexico				
Cannon Air Force Base	6,005	160,806	5,426	147,263
Department of Energy - National Nuclear Security Administration Service Center	73,456	2,072,419	73,869	2,093,892
Holloman Air Force Base	7,714	193,148	7,907	211,698
Kirtland Air Force Base	13,894	375,950	13,901	376,033
New Mexico subtotal	101,069	2,802,323	101,103	2,828,886
Utah				
Hill Air Force Base	18,053	500,059	17,313	522,734
Ogden Defense Depot	10,452	321,132	10,451	321,098
Tooele Army Base	2,584	61,137	2,584	61,132
Utah subtotal	31,089	882,328	30,348	904,964
Wyoming				
Warren Air Force Base	15,532	557,732	21,246	778,981
Wyoming Total	15,532	557,732	21,246	778,981
Federal agencies subtotal	181,134	5,196,788	184,308	5,478,416
STATE AGENCIES				
Arizona				
Salt River Project	374,226	9,650,921	280,918	8,285,769
Arizona subtotal	374,226	9,650,921	280,918	8,285,769
Nevada				
Colorado River Commission of Nevada	99,663	2,914,387	90,118	2,667,497
Nevada subtotal	99,663	2,914,387	90,118	2,667,497
Utah				
University of Utah	13,000	348,284	12,999	348,256
Utah State University	4,521	120,856	4,521	120,856
Utah subtotal	17,521	469,140	17,520	469,112
State agencies subtotal	491,410	13,034,448	388,556	11,422,378

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
IRRIGATION DISTRICTS				
Arizona				
Chandler Heights Citrus Irrigation District ³	640	17,786	0	0
Electrical District No. 2, Pinal County ³	28,623	836,138	28,631	836,380
Electrical District No. 3, Pinal County ³	19,429	576,425	18,943	574,273
Electrical District No. 4, Pinal County ³	24,105	713,703	24,207	730,383
Electrical District No. 6, Pinal County ³	5,493	159,102	0	0
Electrical District No. 7, Maricopa County ³	7,055	200,540	23,956	763,351
Maricopa County Municipal Water Conservation District No. 1 ³	12,286	343,818	27,807	872,424
Ocotillo Water Conservation District ³	5,768	146,503	5,564	136,155
Roosevelt Irrigation District ³	31,913	799,066	46,684	1,323,915
Roosevelt Water Conservation District ³	2,620	90,632	5,526	131,767
San Tan Irrigation District ³	5,033	126,328	0	0
Wellton-Mohawk Irrigation and Drainage District ³	2,221	68,607	2,348	68,776
Arizona subtotal	145,186	4,078,648	183,666	5,437,424
Utah				
Uintah Water Conservancy District	1,499	47,546	2,661	61,415
Weber Basin Water Conservancy District	0	254,495	0	0
Utah subtotal	1,499	302,041	2,661	61,415
Irrigation districts subtotal	146,685	4,380,689	186,327	5,498,839

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
NATIVE AMERICAN TRIBES				
Arizona				
Aha Macav Power Service	1,025	29,718	1,025	29,720
Ak-Chin Indian Community ³	11,300	333,993	11,117	331,266
Cocopah Indian Tribe	4,310	125,264	4,310	125,264
Colorado River Indian Tribes	17,893	521,149	17,893	521,148
Fort McDowell Yavapai Nation	8,532	247,446	8,532	247,445
Gila River Indian Community Utility Authority ³	50,621	1,487,500	53,117	1,558,465
Havasupai Tribe	807	23,407	807	23,407
Hopi Tribe	10,226	296,384	10,226	296,384
Hualapai Nation	2,281	66,161	2,281	66,161
Navajo Tribal Utility Authority ³	471,484	12,920,546	478,747	13,024,962
Pascua Yaqui Tribe	4,332	125,912	4,332	125,912
Salt River Pima-Maricopa Indian Community	54,428	1,581,073	54,428	1,581,074
San Carlos Apache Tribe	14,646	425,049	14,646	425,048
Tohono O'odham Utility Authority	7,686	220,855	7,682	220,819
Tonto Apache Tribe	1,351	39,187	1,351	39,187
White Mountain Apache Tribe ³	21,871	611,891	21,872	618,012
Yavapai-Apache Nation	6,182	179,748	6,182	179,749
Yavapai-Prescott Indian Tribe	2,849	82,524	2,849	82,524
Arizona subtotal	691,824	19,317,807	701,397	19,496,547
Colorado				
Southern Ute Indian Tribe	4,250	123,168	4,250	123,170
Ute Mountain Ute Tribe	1,822	52,831	1,822	52,829
Colorado subtotal	6,072	175,999	6,072	175,999
Nevada				
Duckwater Shoshone Tribe	251	7,292	251	7,293
Ely Shoshone Tribe	384	11,132	384	11,131
Las Vegas Paiute Tribe	2,288	66,548	2,288	66,547
Yomba Shoshone Tribe	114	3,291	114	3,290
Nevada subtotal	3,037	88,263	3,037	88,261

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
New Mexico				
Alamo Navajo Chapter	704	20,381	704	20,381
Canoncito Navajo Chapter, To'Hajiilee Navajo Chapter	517	15,012	517	15,011
Cochiti Pueblo	758	21,963	756	21,929
Jicarilla Apache Tribe	3,323	88,308	4,339	112,939
Kewa Pueblo - Pueblo of Santo Domingo	3,635	105,414	1,637	47,613
Mescalero Apache Tribe	230	6,652	3,635	105,412
Nambe Pueblo	1,643	47,701	230	6,651
Picuris Pueblo	178	5,203	179	5,210
Pueblo of Acoma	1,499	44,068	1,535	44,496
Pueblo of Isleta	4,079	118,336	4,060	118,098
Pueblo of Jemez	889	25,712	888	25,711
Pueblo of Laguna	2,763	80,169	2,763	80,169
Pueblo of Pojoaque	892	25,735	892	25,734
Pueblo of San Felipe	1,391	40,273	1,385	40,196
Pueblo of San Juan	1,113	32,240	1,113	32,241
Pueblo of Sandia	3,244	94,274	3,227	94,058
Pueblo of Santa Ana	1,604	46,626	1,596	46,507
Pueblo of Santa Clara	889	25,676	889	25,676
Pueblo of Taos	1,033	30,034	1,034	30,086
Pueblo of Tesuque	2,264	65,709	2,253	65,567
Pueblo of Zia	283	8,218	283	8,218
Pueblo of Zuni	4,088	118,353	4,088	118,355
Ramah Navajo Chapter	1,323	38,252	1,323	38,253
San Ildefonso Pueblo	236	6,811	236	6,811
New Mexico subtotal	38,578	1,111,120	39,562	1,135,322
Utah				
Confederated Tribes of the Goshute Reservation	190	5,440	190	5,441
Paiute Indian Tribe Of Utah	577	16,736	577	16,735
Ute Indian Tribe of the Uintah and Ouray Reservation	2,133	61,578	2,133	61,577
Utah subtotal	2,900	83,754	2,900	83,753

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
Wyoming				
Wind River Reservation	1,803	52,292	1,803	52,293
Wyoming subtotal	1,803	52,292	1,803	52,293
Native American tribes subtotal	744,214	20,829,235	754,771	21,032,175
INVESTOR-OWNED UTILITIES				
Arizona				
Arizona Public Service Company	0	0	100	4,000
Tucson Electric Power Company	15,040	591,208	13,281	428,159
UNS Electric	3,181	138,082	4,121	138,535
Arizona subtotal	18,221	729,290	17,502	570,694
Colorado				
Black Hills Energy	18,611	181,755	1,880	27,870
Guzman Energy ⁶	2,794	109,871	1,069	34,947
Public Service Company of Colorado	1,953	80,424	874	48,656
Colorado subtotal	23,358	372,050	3,823	111,473
New Mexico				
Public Service Company of New Mexico	12,715	449,882	8,034	274,992
New Mexico subtotal	12,715	449,882	8,034	274,992
South Dakota				
Black Hills Colorado Electric Utilities	74	4,140	13	1,133
South Dakota subtotal	74	4,140	13	1,133
Utah				
PacifiCorp	7,830	231,318	3,095	87,232
Utah subtotal	7,830	231,318	3,095	87,232
Investor-owned utilities subtotal	62,198	1,786,680	32,467	1,045,524

Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
POWER MARKETERS				
Colorado				
PowerEx Corp.	218	1,830	0	0
The Energy Authority	61	1,935	0	0
Colorado subtotal	279	3,765	0	0
Utah				
Morgan Stanley Capital Group	1,879	26,086	1,858	61,733
Utah subtotal	1,879	26,086	1,858	61,733
Power marketers subtotal	2,158	29,851	1,858	61,733
JOINT POWER AUTHORITIES				
Nevada				
Silver State Energy Association	675	26,223	5,433	224,892
Nevada subtotal	675	26,223	5,433	224,892
Joint power authorities subtotal	675	26,223	5,433	224,892
INDEPENDENT SYSTEM OPERATOR CORPORATIONS				
California				
California Independent System Operator Corporation	2,950	100,705	0	0
California subtotal	2,950	100,705	0	0
Independent system operator corporations subtotal	2,950	100,705	0	0
INTERPROJECT				
Arizona				
Desert Southwest region	6,517	291,356	13,262	922,910
Arizona subtotal	6,517	291,356	13,262	922,910
Colorado				
Rocky Mountain region	5,470	165,583	16,305	619,518
Colorado subtotal	5,470	165,583	16,305	619,518

SALT LAKE CITY AREA/INTEGRATED PROJECTS

Interproject subtotal	11,987	456,939	29,567	1,542,428
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Power Sales and Revenues, continued

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
PROJECT USE				
Colorado				
Colorado (3 customers)	19,040	507,537	20,726	557,826
Colorado subtotal	19,040	507,537	20,726	557,826
New Mexico				
New Mexico (1 customer)	79,483	2,005,390	84,808	2,161,064
New Mexico subtotal	79,483	2,005,390	84,808	2,161,064
Project-use subtotal	98,523	2,512,927	105,534	2,718,890
Salt Lake City Area/Integrated Projects total	6,746,668	195,695,749	6,551,049	194,150,342

¹ Power revenues as presented in this table are \$1.5 million less than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

² Power revenues as presented in this table are \$1.6 million less than the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$1.7 million for settlement payment from California Power Exchange; -\$0.1 million in variances between revenue accrual estimates and actual revenue along with other miscellaneous minor transactions and corrections.

³ Salt Lake City Area/Integrated Projects power and energy may be redistributed among certain customers to achieve greater efficiencies in using SLCA/IP resources for these customers. Because of this redistribution, power sales for a particular customer may show redistributions of that customer's SLCA/IP allocation of firm power and other power purchases.

⁴ Utah Associated Municipal Power System total is comprised of the SLCA/IP allocations of its members.

⁵ Deseret Generation and Transmission total is comprised of the SLCA/IP allocations of its members.

⁶ Customer name changed from Guzman Renewable Energy Partners to Guzman Energy.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

COLLBRAN PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross Operating Revenue ³	72,066	(222)	2,377	74,221
Income transfers (net)	36	0	0	36
Total operating revenue	72,102	(222)	2,377	74,257
EXPENSES:				
O&M and other	36,310	0	1,885	38,195
Purchase power and other	0	0	0	0
Interest				
Federally financed	12,601	0	142	12,743
Non-federally financed	0	0	0	0
Total interest	12,601	0	142	12,743
Total expense	48,911	0	2,027	50,938
(Deficit)/surplus revenue	0	(222)	221	(1)
INVESTMENT:				
Federally financed power	21,964	0	441	22,405
Non-federally financed power	0	0	0	0
Nonpower	5,059	0	0	5,059
Total investment	27,023	0	441	27,464
INVESTMENT REPAID:				
Federally financed power	18,132	0	129	18,261
Non-federally financed power	0	0	0	0
Nonpower	5,059	0	0	5,059
Total investment repaid	23,191	0	129	23,320
INVESTMENT UNPAID:				
Federally financed power	3,832	0	312	4,144
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	3,832	0	312	4,144
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	82.55%			81.50%
Non-federal	N/A			N/A
Nonpower	100.00%			100.00%

¹ This column ties to the cumulative numbers on Page 122 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Reciprocal entry for FY 2018 revenue transfer from the Colorado River Storage Project to Collbran.

COLORADO RIVER STORAGE PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue ³	6,326,076	0	251,273	6,577,349
Income transfers (net)	(51,165)	7,410	3,230	(40,525)
Total operating revenue	6,274,911	7,410	254,503	6,536,824
EXPENSES:				
O&M and other ⁴	2,209,243	(519)	106,134	2,314,858
Purchase power and wheeling ⁵	1,861,323	1,150	73,376	1,935,849
Interest				
Federally financed ⁶	782,879	0	9,735	792,614
Non-federally financed	7,496	0	533	8,029
Total interest	790,375	0	10,268	800,643
Total expense	4,860,941	631	189,778	5,051,350
(Deficit)/surplus revenue	(0)	(25,929)	25,928	(1)
INVESTMENT:				
Federally financed power ⁶	1,374,515	0	19,919	1,394,434
Non-federally financed power	0	0	0	0
Nonpower	1,174,515	32,057	4,993	1,211,565
Total investment	2,549,030	32,057	24,912	2,605,999
INVESTMENT REPAID:				
Federally financed power	1,205,179	0	38,797	1,243,976
Non-federally financed power	0	0	0	0
Nonpower	208,791	32,708	0	241,499
Total investment repaid	1,413,970	32,708	38,797	1,485,475
INVESTMENT UNPAID:				
Federally financed power	169,336	0	(18,878)	150,458
Non-federally financed power	0	0	0	0
Nonpower	965,723	(651)	4,993	970,065
Total investment unpaid	1,135,059	(651)	(13,885)	1,120,523
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	87.68%			89.21%
Non-federal	N/A			N/A
Nonpower	17.78%			19.93%

¹ This column ties to the cumulative numbers on Page 122 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Revenue transfers to SLCA/IP projects.

⁴ Gains and losses for 2019 (CRSP losses on disposition of assets) / unexpended Memorandum of Agreement revenue.

⁵ Reciprocal entry to purchase power not reclassified as non-reimbursable in FY 2018.

⁶ Aid to Irrigation Investment - moved from offset methodology to applying actual revenue. Revenue transfer from the Bureau of Reclamation to replace the offset methodology.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

DOLORES PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross Operating Revenue ³	101,429	(6,727)	6,817	101,519
Income transfers (net)	2,681	0	78	2,759
Total operating revenue	104,110	(6,727)	6,895	104,278
EXPENSES:				
O&M and other ⁴	16,507	(90)	727	17,144
Purchase power and other	0	0	0	0
Interest				
Federally financed	49,436	0	(713)	48,723
Non-federally financed	0	0	0	0
Total interest	49,436	0	(713)	48,723
Total expense	65,943	(90)	14	65,867
(Deficit)/surplus revenue	0	(6,637)	6,638	1
INVESTMENT:				
Federally financed power	38,986	0	865	39,851
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	38,986	0	865	39,851
INVESTMENT REPAID:				
Federally financed power	38,167	0	243	38,410
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	38,167	0	243	38,410
INVESTMENT UNPAID:				
Federally financed power	819	0	622	1,441
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	819	0	622	1,441
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	97.90%			96.38%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 123 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Reciprocating entry for FY 2018 revenue transfer from the Colorado River Storage Project to Dolores.

⁴ Gains and losses.

RIO GRANDE PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	121,909	(462)	4,479	125,926
Income transfers (net)	0	0	0	0
Total operating revenue	121,909	(462)	4,479	125,926
EXPENSES:				
O&M and other ³	77,298	0	3,871	81,169
Purchase power and other	4,774	0	0	4,774
Interest				
Federally financed	15,079	0	146	15,225
Non-federally financed	0	0	0	0
Total interest	15,079	0	146	15,225
Total expense	97,151	0	4,017	101,168
(Deficit)/surplus revenue	0	(462)	461	(1)
INVESTMENT:				
Federally financed power	23,849	0	27	23,876
Non-federally financed power	0	0	0	0
Nonpower	5,802	0	0	5,802
Total investment	29,651	0	27	29,678
INVESTMENT REPAID:				
Federally financed power	18,956	0	1	18,957
Non-federally financed power	0	0	0	0
Nonpower	5,802	0	0	5,802
Total investment repaid	24,758	0	1	24,759
INVESTMENT UNPAID:				
Federally financed power	4,893	0	26	4,919
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	4,893	0	26	4,919
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	79.48%			79.40%
Non-federal	N/A			N/A
Nonpower	100.00%			100.00%

¹ This column ties to the cumulative numbers on Page 123 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Reciprocating entry to FY 2018 revenue transfer and FY 2019 revenue transfer from the Colorado River Storage Project to Rio Grande.

SALT LAKE CITY AREA/INTEGRATED PROJECTS

SEEDSKADEE PROJECT

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	23,544	0	42	23,586
Income transfers (net)	13,842	0	1,142	14,984
Total operating revenue	37,386	0	1,184	38,570
EXPENSES:				
O&M and other	21,210	0	870	22,080
Purchase power and other	0	0	0	0
Interest				
Federally financed	6,477	0	130	6,607
Non-federally financed	0	0	0	0
Total interest	6,477	0	130	6,607
Total expense	27,687	0	1,000	28,687
(Deficit)/surplus revenue	0	0	1	1
INVESTMENT:				
Federally financed power ³	12,527	(14)	(115)	12,398
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	12,527	(14)	(115)	12,398
INVESTMENT REPAID:				
Federally financed power	9,699	0	183	9,882
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	9,699	0	183	9,882
INVESTMENT UNPAID:				
Federally financed power	2,828	(14)	(298)	2,516
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	2,828	(14)	(298)	2,516
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	77.42%			79.71%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 124 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Corrected to match Bureau of Reclamation financial data.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$998	\$16,116	\$17,114	\$557	\$16,116	\$16,673
Accumulated depreciation	(495)	(7,561)	(8,056)	(466)	(7,408)	(7,874)
Net completed plant	503	8,555	9,058	91	8,708	8,799
Construction work-in-progress	0	203	203	447	168	615
Net utility plant	503	8,758	9,261	538	8,876	9,414
Cash	116	0	116	166	(160)	6
Regulatory assets	5	93	98	6	81	87
Total assets	624	8,851	9,475	710	8,797	9,507
Liabilities:						
Customer advances and other liabilities	43	91	134	0	74	74
Accounts payable	19	29	48	0	18	18
Environmental cleanup liabilities	5	28	33	5	26	31
Total liabilities	67	148	215	5	118	123
Capitalization:						
Payable to U.S. Treasury	55	4,396	4,451	(2,860)	7,602	4,742
Accumulated net revenues (deficit)	502	4,307	4,809	3,565	1,077	4,642
Total capitalization	557	8,703	9,260	705	8,679	9,384
Total liabilities and capitalization	\$624	\$8,851	\$9,475	\$710	\$8,797	\$9,507

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$2,331	\$0	\$2,331	\$1,264	\$0	\$1,264
Transmission and other operating revenues	0	46	46	0	48	48
Gross operating revenues	2,331	46	2,377	1,264	48	1,312
Income transfers, net	(5,128)	5,128	0	(1,189)	1,189	0
Total operating revenues	(2,797)	5,174	2,377	75	1,237	1,312
Operating expenses:						
Operation and maintenance	146	1,676	1,822	49	1,357	1,406
Depreciation	30	153	183	11	105	116
Administration and general	63	0	63	11	0	11
Total operating expenses	239	1,829	2,068	71	1,462	1,533
Net operating revenues (deficit)	(3,036)	3,345	309	4	(225)	(221)
Interest expenses:						
Interest on payable to U.S. Treasury	20	122	142	10	124	134
Allowance for funds used during construction	7	(7)	0	(11)	(7)	(18)
Net interest on payable to U.S. Treasury	27	115	142	(1)	117	116
Net interest expenses	27	115	142	(1)	117	116
Net revenues (deficit)	(3,063)	3,230	167	5	(342)	(337)
Accumulated net revenues (deficit):						
Balance, beginning of year	3,565	1,077	4,642	3,560	1,419	4,979
Balance, end of year	\$502	\$4,307	\$4,809	\$3,565	\$1,077	\$4,642

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$716,569	\$606,193	\$1,322,762	\$713,142	\$594,425	\$1,307,567
Accumulated depreciation	(465,137)	(378,540)	(843,677)	(452,605)	(371,820)	(824,425)
Net completed plant	251,432	227,653	479,085	260,537	222,605	483,142
Construction work-in-progress	17,356	33,324	50,680	10,440	20,240	30,680
Net utility plant	268,788	260,977	529,765	270,977	242,845	513,822
Cash	136,289	93,803	230,092	118,118	80,240	198,358
Accounts receivable, net	29,083	102	29,185	33,193	2	33,195
Regulatory assets	19,600	5,269	24,869	19,181	6,445	25,626
Other assets	8,141	0	8,141	7,778	0	7,778
Total assets	461,901	360,151	822,052	449,247	329,532	778,779
Liabilities:						
Long-term liabilities	17,252	0	17,252	18,730	0	18,730
Customer advances and other liabilities	5,950	5,856	11,806	5,422	6,888	12,310
Accounts payable	14,211	2,082	16,293	8,217	2,215	10,432
Environmental cleanup liabilities	3,009	517	3,526	2,967	484	3,451
Total liabilities	40,422	8,455	48,877	35,336	9,587	44,923
Capitalization:						
Payable to U.S. Treasury	247,066	43,028	290,094	192,346	71,274	263,620
Accumulated net revenues (deficit)	174,413	308,668	483,081	221,565	248,671	470,236
Total capitalization	421,479	351,696	773,175	413,911	319,945	733,856
Total liabilities and capitalization	\$461,901	\$360,151	\$822,052	\$449,247	\$329,532	\$778,779

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$183,557	\$0	\$183,557	\$162,603	\$0	\$162,603
Transmission and other operating revenues	28,417	39,299	67,716	29,200	0	29,200
Gross operating revenues	211,974	39,299	251,273	191,803	0	191,803
Income transfers, net	(63,700)	66,930	3,230	(53,736)	59,829	6,093
Total operating revenues	148,274	106,229	254,503	138,067	59,829	197,896
Operating expenses:						
Operation and maintenance	59,525	34,149	93,674	60,086	56,354	116,440
Purchased power	61,792	0	61,792	32,222	0	32,222
Purchased transmission services	11,584	0	11,584	11,192	0	11,192
Depreciation	14,553	7,218	21,771	14,718	6,976	21,694
Administration and general	12,460	0	12,460	13,201	0	13,201
Total operating expenses	159,914	41,367	201,281	131,419	63,330	194,749
Net operating revenues (deficit)	(11,640)	64,862	53,222	6,648	(3,501)	3,147
Interest expenses:						
Interest on payable to U.S. Treasury	5,531	6,090	11,621	5,236	5,461	10,697
Allowance for funds used during construction	(661)	(1,225)	(1,886)	(811)	(1,695)	(2,506)
Net interest on payable to U.S. Treasury	4,870	4,865	9,735	4,425	3,766	8,191
Interest on long-term liabilities	533	0	533	546	0	546
Net interest expenses	5,403	4,865	10,268	4,971	3,766	8,737
Net revenues (deficit)	(17,043)	59,997	42,954	1,677	(7,267)	(5,590)
Accumulated net revenues (deficit):						
Balance, beginning of year	221,565	248,671	470,236	263,737	256,214	519,951
Irrigation assistance	(30,109)	0	(30,109)	(44,125)	0	(44,125)
Change in capitalization	0	0	0	276	(276)	0
Balance, end of year	\$174,413	\$308,668	\$483,081	\$221,565	\$248,671	\$470,236

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$9,725	\$29,755	\$39,480	\$9,694	\$28,869	\$38,563
Accumulated depreciation	(4,924)	(10,166)	(15,090)	(4,695)	(9,825)	(14,520)
Net completed plant	4,801	19,589	24,390	4,999	19,044	24,043
Construction work-in-progress	32	102	134	21	257	278
Net utility plant	4,833	19,691	24,524	5,020	19,301	24,321
Cash	48,312	0	48,312	42,361	(1,276)	41,085
Regulatory assets	27	2	29	27	20	47
Other assets	0	498	498	0	303	303
Total assets	53,172	20,191	73,363	47,408	18,348	65,756
Liabilities:						
Customer advances and other liabilities	1	0	1	1	21	22
Accounts payable	1	181	182	0	0	0
Environmental cleanup liabilities	26	0	26	26	0	26
Total liabilities	28	181	209	27	21	48
Capitalization:						
Payable to U.S. Treasury	51,963	(1,573)	50,390	25,750	23,442	49,192
Accumulated net revenues (deficit)	1,181	21,583	22,764	21,631	(5,115)	16,516
Total capitalization	53,144	20,010	73,154	47,381	18,327	65,708
Total liabilities and capitalization	\$53,172	\$20,191	\$73,363	\$47,408	\$18,348	\$65,756

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$6,817	\$0	\$6,817	\$26,918	\$0	\$26,918
Gross operating revenues	6,817	0	6,817	26,918	0	26,918
Income transfers, net	(26,787)	26,865	78	(8,282)	3,304	(4,978)
Total operating revenues	(19,970)	26,865	6,895	18,636	3,304	21,940
Operating expenses:						
Operation and maintenance	152	537	689	279	3,460	3,739
Depreciation	246	387	633	241	367	608
Administration and general	38	0	38	25	0	25
Total operating expenses	436	924	1,360	545	3,827	4,372
Net operating revenues (deficit)	(20,406)	25,941	5,535	18,091	(523)	17,568
Interest expenses:						
Interest on payable to U.S. Treasury	45	(744)	(699)	41	1,477	1,518
Allowance for funds used during construction	(1)	(13)	(14)	(26)	0	(26)
Net interest on payable to U.S. Treasury	44	(757)	(713)	15	1,477	1,492
Net interest expenses	44	(757)	(713)	15	1,477	1,492
Net revenues (deficit)	(20,450)	26,698	6,248	18,076	(2,000)	16,076
Accumulated net revenues (deficit):						
Balance, beginning of year	21,631	(5,115)	16,516	3,555	(3,115)	440
Balance, end of year	\$1,181	\$21,583	\$22,764	\$21,631	(\$5,115)	\$16,516

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$13	\$22,936	\$22,949	\$13	\$22,909	\$22,922
Accumulated depreciation	(12)	(13,518)	(13,530)	(12)	(13,377)	(13,389)
Net completed plant	1	9,418	9,419	1	9,532	9,533
Construction work-in-progress	0	449	449	0	98	98
Net utility plant	1	9,867	9,868	1	9,630	9,631
Cash	54	0	54	44	(4,455)	(4,411)
Regulatory assets	0	153	153	0	128	128
Total assets	55	10,020	10,075	45	5,303	5,348
Liabilities:						
Customer advances and other liabilities	2	160	162	1	101	102
Accounts payable	0	76	76	0	20	20
Environmental cleanup liabilities	0	63	63	0	59	59
Total liabilities	2	299	301	1	180	181
Capitalization:						
Payable to U.S. Treasury	53	5,531	5,584	(2,580)	3,877	1,297
Accumulated net revenues (deficit)	0	4,190	4,190	2,624	1,246	3,870
Total capitalization	53	9,721	9,774	44	5,123	5,167
Total liabilities and capitalization	\$55	\$10,020	\$10,075	\$45	\$5,303	\$5,348

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$4,479	\$0	\$4,479	\$4,949	\$0	\$4,949
Gross operating revenues	4,479	0	4,479	4,949	0	4,949
Income transfers, net	(7,081)	7,081	0	(2,040)	2,040	0
Total operating revenues	(2,602)	7,081	4,479	2,909	2,040	4,949
Operating expenses:						
Operation and maintenance	17	3,849	3,866	5	2,787	2,792
Depreciation	0	142	142	0	70	70
Administration and general	5	0	5	4	0	4
Total operating expenses	22	3,991	4,013	9	2,857	2,866
Net operating revenues (deficit)	(2,624)	3,090	466	2,900	(817)	2,083
Interest expenses:						
Interest on payable to U.S. Treasury	0	146	146	0	105	105
Allowance for funds used during construction	0	0	0	0	(82)	(82)
Net interest on payable to U.S. Treasury	0	146	146	0	23	23
Net interest expenses	0	146	146	0	23	23
Net revenues (deficit)	(2,624)	2,944	320	2,900	(840)	2,060
Accumulated net revenues (deficit):						
Balance, beginning of year	2,624	1,246	3,870	(276)	2,086	1,810
Balance, end of year	\$0	\$4,190	\$4,190	\$2,624	\$1,246	\$3,870

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$1,380	\$10,600	\$11,980	\$1,380	\$10,715	\$12,095
Accumulated depreciation	(1,090)	(3,911)	(5,001)	(1,069)	(3,728)	(4,797)
Net completed plant	290	6,689	6,979	311	6,987	7,298
Construction work-in-progress	47	74	121	0	35	35
Net utility plant	337	6,763	7,100	311	7,022	7,333
Cash	1,756	0	1,756	2,118	(1,131)	987
Regulatory assets	0	116	116	1	149	150
Total assets	2,093	6,879	8,972	2,430	6,040	8,470
Liabilities:						
Customer advances and other liabilities	1	45	46	3	87	90
Accounts payable	13	10	23	0	13	13
Environmental cleanup liabilities	0	89	89	0	83	83
Total liabilities	14	144	158	3	183	186
Capitalization:						
Payable to U.S. Treasury	9,399	(9,985)	(586)	7,549	(8,685)	(1,136)
Accumulated net revenues (deficit)	(7,320)	16,720	9,400	(5,122)	14,542	9,420
Total capitalization	2,079	6,735	8,814	2,427	5,857	8,284
Total liabilities and capitalization	\$2,093	\$6,879	\$8,972	\$2,430	\$6,040	\$8,470

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Transmission and other operating revenues	\$0	\$42	\$42	\$0	\$45	\$45
Gross operating revenues	0	42	42	0	45	45
Income transfers, net	(2,099)	3,241	1,142	(1,175)	(86)	(1,261)
Total operating revenues	(2,099)	3,283	1,184	(1,175)	(41)	(1,216)
Operating expenses:						
Operation and maintenance	61	798	859	87	822	909
Depreciation	21	183	204	21	139	160
Administration and general	11	0	11	13	0	13
Total operating expenses	93	981	1,074	121	961	1,082
Net operating revenues (deficit)	(2,192)	2,302	110	(1,296)	(1,002)	(2,298)
Interest expenses:						
Interest on payable to U.S. Treasury	7	124	131	11	51	62
Allowance for funds used during construction	(1)	0	(1)	0	(28)	(28)
Net interest on payable to U.S. Treasury	6	124	130	11	23	34
Net interest expenses	6	124	130	11	23	34
Net revenues (deficit)	(2,198)	2,178	(20)	(1,307)	(1,025)	(2,332)
Accumulated net revenues (deficit):						
Balance, beginning of year	(5,122)	14,542	9,420	(3,815)	15,567	11,752
Balance, end of year	(\$7,320)	\$16,720	\$9,400	(\$5,122)	\$14,542	\$9,420

OTHER PROJECTS

Central Arizona¹

The Central Arizona Project is one of three related water development projects that make up the Colorado River Basin Project. The others are the Dixie and the Upper Basin projects. The Central Arizona Project was developed for Arizona and western New Mexico, the Dixie Project for southeastern Utah and the Upper Basin Project for Colorado and New Mexico.

Congress authorized CAP in 1968 to improve water resources in the Colorado River Basin. Segments of the 1968 authorization allowed federal participation in the Navajo Generating Station, which has three coal-fired steam electric generating units for a combined capacity of 574 megawatts (federal share 24.3% of 2,250 megawatt plant capacity). Construction of the plant, located near Lake Powell at Page, Arizona, began in 1970. Navajo began generating in 1976. The federal share of operating capacity, 546,750 kilowatts, is used to power the pumps that move Colorado River water through the CAP canal. Power that is surplus to CAP pumping requirements and any needs for desalting and protecting pumping facilities is currently marketed under the Navajo Power Marketing Plan adopted on Dec. 1, 1987.

On Oct. 1, 2012, CAP moved into WAPA's Desert Southwest region balancing authority. DSW schedules and operates the federal share of the Navajo Generating Station used to serve CAP pumping loads and markets the remaining energy as Navajo Surplus. The capacity and amount of energy marketed varies monthly depending on an annual determination of the Central Arizona Project energy requirements for pumping.

The federal share of Navajo net generation increased from 3,392 gigawatt-hours in fiscal year 2018 to 3,399 GWh in FY 2019.

In 2017, the entities sharing ownership in the Navajo Generating Station voted to close the plant by the end of calendar year 2019. The plant ceased generating on Nov. 19, 2019.

Electrical District 5-to-Palo Verde Hub²

The Electrical District 5-to-Palo Verde Hub 230-kilovolt transmission line, completed under WAPA's Transmission Infrastructure Program, began commercial operation Jan. 10, 2015, after energization of the final transformer at the Electrical District 5 Substation. TIP was established in 2009 through the American Recovery and Reinvestment Act to manage WAPA's \$3.25 billion borrowing authority to support projects facilitating the delivery of renewable resources in the western United States.

In this vein, ED5-to-Palo Verde directly helps 18 communities and tribes. It also increases transmission capacity to deliver renewable energy to consumers in Arizona, southern Nevada and Southern California, adding enough capacity to power 30,000 homes. The 109-mile transmission line, which provides 264 megawatts of transmission capacity, was completed on time and within budget. It connects a renewable-rich zone south of Phoenix, Arizona, with the Palo Verde market hub, a major electrical trading hub in the western United States.

Falcon-Amistad

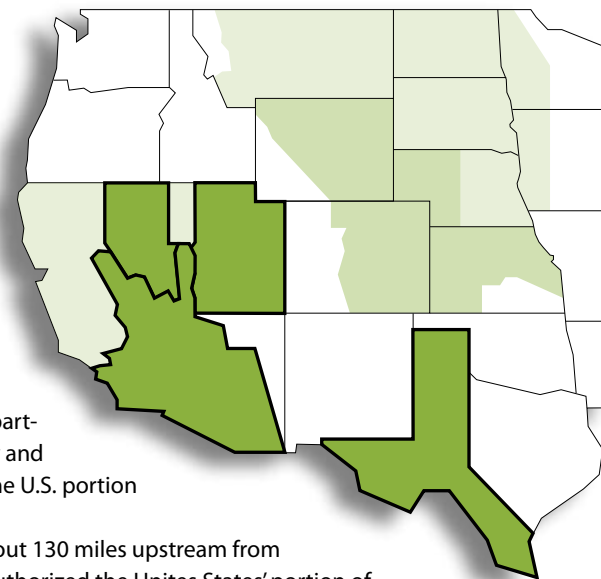
The Falcon-Amistad Project consists of two international dams located on the Rio Grande River between Texas and Mexico. The United States and Mexico operate separate powerplants. The water output is divided evenly between the two nations. The State Department's International Boundary and Water Commission operates the U.S. portion of the projects.

Falcon Dam is located about 130 miles upstream from Brownsville, Texas. Congress authorized the United States' portion of construction, operation and maintenance in 1950. Construction was started in that year and completed in 1954. The United States' share of Falcon Powerplant capacity is 31,500 kW. The powerplant came online in 1954.

Amistad Dam is located about 300 miles upstream from Falcon Dam. Amistad Powerplant was constructed by the Army Corps of Engineers as agent for the IBWC. The United States' portion of construction, operation and maintenance was authorized by the Mexican-American Treaty Act of 1950. Amistad Powerplant has a generation capacity of 66,000 kW. Construction was started in 1960 and completed in 1969. Its two generating units came online in 1983.

Project power is marketed to one cooperative in south Texas. A total of 159 million kWh of energy was delivered in FY 2019.

The five-year net generation average is 140 million kWh. Repayment is made through annual installments. These installments are established in advance by WAPA and the customer on or before Aug. 31 of the year preceding the appropriate fiscal year. Each annual installment pays the amortized portion of the U.S. investment in the Falcon and Amistad hydroelectric facilities with interest, and associated operation, maintenance and administrative costs. The FY 2019 installment was \$3.8 million. This repayment schedule does not depend upon the amount of power and energy delivered or the amount of generation each year.



¹ CAP is included in sales and revenue data, but not reflected in financial statements for hydropower projects because WAPA does not have responsibility for CAP repayment.

² Electrical District 5-to-Palo Verde Hub is classified as Transmission Infrastructure Program in WAPA's FY 2019 Annual Report.

Olmsted

The Olmsted Project, located in northern Utah, was acquired from PacifiCorp in condemnation proceedings by the United States in 1990. An 11 MW replacement facility for power generation was completed in 2018 as part of the Central Utah Project operations, which is a participating project of the Colorado River Storage Project.

Since 2018, Olmsted Project power has been marketed by WAPA to Utah Municipal Power Agency and Utah Associated Municipal Power Systems. The customers purchase all power generation from the project and pay annual payments based upon the amortized portion of the U.S. investments and estimates of operation, maintenance and replacement expenses for the Olmsted Powerplant. The payments are not dependent upon the power and energy made available for sale or the rate of generation each year. A true-up of actual expense is made at the end of the year and is included in the next year's payments.

A total of 31 million kWh of marketable energy was sold and a total of \$252,293 in revenue was collected in FY 2019.

Pacific Northwest-Southwest Intertie

The Pacific Northwest-Pacific Southwest Intertie was authorized by Section 8 of the Pacific Northwest Power Marketing Act of Aug. 31, 1964. Originally, the Intertie was envisioned to connect the Pacific Northwest with the Pacific Southwest with AC and DC transmission line segments. As authorized, the overall project was to be a cooperative construction venture between federal and non-federal entities.

Due to delays in construction funding for the federal elements of the project, certain transmission line segments were postponed so much that interest from potential users waned. These events resulted in the delay of the AC line construction and the indefinite delay of the DC line construction. Consequently, the federal facilities that were constructed provide only AC transmission service.

WAPA's portion of the Intertie consists of two parts—a northern portion and a southern portion. The northern portion is administered by WAPA's Sierra Nevada region and is incorporated, for repayment and operational purposes, with the Central Valley Project. Included in the northern portion are the Pacific Alternating Current Intertie and California-Oregon Transmission Project. The PACI is a 94.3-mile 500-kilovolt line from Malin, Oregon, to Round Mountain, California, plus an additional 33.6-mile 230-kV line from Round Mountain, California, to Cottonwood Substation in California. The COTP is a 350-mile, 500-kV line running from Captain Jack Substation near Malin, Oregon, to Tracy, California. WAPA is one of the COTP owners and has rights to 177 megawatts of the line's 1,600-MW capacity. When the COTP was designed, plans included a 500-kV line between Los Banos and Gates substations in central California to mitigate grid congestion on Path 15. This section was not constructed at the time for many reasons, but was completed in November 2005 as the Los Banos-to-Gates No. 3 500-kV transmission line and provides the congestion relief. WAPA owns this 84-mile, 500-kV transmission line and 10% of the transmission system rights. WAPA's cost-recovery mechanism is contained in filings before the Federal Energy Regulatory Commission.

The southern portion is administered by WAPA's Desert Southwest region and is treated as a separate, stand-alone project for repayment and operational purposes. It consists of a 238-mile, 345-kV line from Mead Substation in Nevada to Liberty Substation in Arizona; a 19-mile, 230-kV line from Liberty to Westwing Substation in Arizona; a 22-mile, 230-kV line from Westwing to Pinnacle Peak Substation in Arizona; and two segments that came online in April 1996—the 260-mile, 500-kV line from Marketplace Substation in Nevada to Perkins Substation in Arizona and the 202-mile, 500-kV line from Marketplace to the existing Adelanto Substation in Southern California.

Provo River

The Provo River Project was authorized in 1935. Construction on the project, which includes Deer Creek Dam and Powerplant on the Provo River in Utah, began in 1938 but, because of World War II, was not completed until 1951. The powerplant, authorized on Aug. 20, 1951, was completed and generation began in 1958. Its maximum operating capacity is 5,200 kW.

Since 1994, Provo River Project power has been marketed by WAPA to Utah Municipal Power Agency, Utah Associated Municipal Power Systems and Heber Light and Power. The customers purchase all power generation from the project and pay annual payments based upon the estimates of operation, maintenance and replacement expenses for the Deer Creek Powerplant. The payments are not dependent upon the power and energy made available for sale or the rate of generation each year. An estimate of actual expense is made at the end of the year and is included in the next year's payments.

The five-year net generation average is 22.7 million kWh. A total of 18 million kWh of marketable energy was sold, and a total of \$276,436 in revenue was collected in FY 2019.

Washoe

The Washoe Project in west-central Nevada and east-central California was designed to improve the regulation of runoff from the Truckee and Carson River system and to provide supplemental irrigation water and drainage, as well as water for municipal, industrial and fishery use. Additionally, it offers flood protection, fish and wildlife benefits and recreation.

The project was authorized by the Washoe Project Act of Aug. 1, 1956, and was constructed between 1960 and 1976, with the powerplant at the Stampede Dam added in 1986. Prosser Creek Dam, Marble Creek Dam and Pyramid Lake Fishway are also part of the project. The powerplant at Stampede Dam has a maximum installed capacity of 3.6 megawatts.

Generation from the Stampede Powerplant is provided to the Truckee Donner Public Utility District and the City of Fallon pursuant to Contract No. 07-SNR-01026. This nonfirm energy is valued at 75% of the average of the current and previous year month, Intercontinental Exchange Mid-C On/Off-Peak price. The fiscal year 2019 net generation was 11 million kilowatt-hours, compared to 12 million kWh in FY 2018.

Power Sales and Revenues

Customer	FY 2019 ^{1,2}		FY 2018 ^{1,2}	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Arizona				
Wickenburg	24,656	804,262	14,318	384,777
Arizona subtotal	24,656	804,262	14,318	384,777
Municipalities subtotal	24,656	804,262	14,318	384,777
COOPERATIVES				
Arizona				
Arizona Electric Power Cooperative	1,269	34,627	12,921	370,557
Arizona subtotal	1,269	34,627	12,921	370,557
Cooperatives subtotal	1,269	34,627	12,921	370,557
STATE AGENCIES				
Arizona				
Central Arizona Water Conservation District ³	0	0	35,486	877,353
Salt River Project	216,245	38,056,736	405,252	41,725,122
Arizona subtotal	216,245	38,056,736	440,738	42,602,475
State agencies subtotal	216,245	38,056,736	440,738	42,602,475
IRRIGATION DISTRICTS				
Arizona				
Aguila Irrigation District	15,158	427,470	10,239	274,521
Buckeye Water Conservation & Drainage District	11,902	342,032	7,822	214,696
Central Arizona Water Conservation District ³	34,286	1,129,453	0	0
Electrical District No. 7, Maricopa County	6,771	213,375	5,122	139,069
Electrical District No. 8, Maricopa County	188,638	5,522,322	273,894	7,450,111
Harquahala Valley Power District	61,238	1,770,015	94,201	2,565,643
Maricopa County Municipal Water Conservation District No. 1	44,307	1,262,450	7,625	207,752
McMullen Valley Water Conservation and Drainage District	77,245	2,238,171	104,094	2,835,302
Roosevelt Irrigation District	31,993	1,075,426	7,125	197,886
Tonopah Irrigation District	24,399	757,834	22,692	624,673
Arizona subtotal	495,937	14,738,548	532,814	14,509,653
Irrigation districts subtotal	495,937	14,738,548	532,814	14,509,653

Power Sales and Revenues, continued

Customer	FY 2019 ^{1,2}		FY 2018 ^{1,2}	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
INVESTOR-OWNED UTILITIES				
New Mexico				
Public Service Company of New Mexico	0	0	43	1,146
New Mexico subtotal	0	0	43	1,146
Investor-owned utilities subtotal	0	0	43	1,146
POWER MARKETERS				
California				
Macquarie Energy ⁴	258,814	9,803,126	0	0
California subtotal	258,814	9,803,126	0	0
Texas				
Macquarie Energy ⁴	0	0	269,202	7,410,728
Texas subtotal	0	0	269,202	7,410,728
Power marketers subtotal	258,814	9,803,126	269,202	7,410,728
INTERPROJECT				
Arizona				
Desert Southwest region	624	31,824	22,305	830,641
Arizona subtotal	624	31,824	22,305	830,641
Interproject subtotal	624	31,824	22,305	830,641
Central Arizona total	997,545	63,469,123	1,292,341	66,109,977

¹ Central Arizona sales of electric power are classified as "other" in the combining power system statements of revenues and expenses and accumulated net revenues because WAPA is not responsible for CAP's repayment.

² Power revenues as presented in this table are \$1 million greater than and \$4.7 million less than the FY 2019 and FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to reimbursable transactions, variances between revenue accrual estimates and actual revenue along with other miscellaneous transactions.

³ The customer category for Central Arizona Water Conservation District was reclassified from state agencies to irrigation districts in FY 2019.

⁴ Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Powerplants

State/plant name	Operating agency	River	Initial In-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual Operating Capability (MWs) ²		Net Generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Arizona									
Navajo ^{4,5}	SRP	N/A	May 1974	3	574	546	547	3,399	3,392
Central Arizona total				3	574	546	547	3,399	3,392

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

⁴ Coal-fired powerplant. In 2017, the entities which share ownership in the Navajo Generating Station voted to close the plant by the end of calendar year 2019. The plant ceased generating on Nov. 19, 2019.

⁵ Federal share (24.3%) of 2,250 MW plant capacity.

Operating agency:

SRP - Salt River Project

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	10	10
Number of transformers	0	0
Transformer capacity (kVA)	0	0
Buildings and communication sites		
Number of buildings	0	0
Number of communication sites	11	11

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm point-to-point transmission service	8,383,200	10,383,000
Nonfirm point-to-point transmission service	8,669	94,781
Short-term firm point-to-point	108	10,143
Transmission services subtotal	8,391,977	10,487,924
Ancillary service		
Regulation and frequency response	26,027	72,367
Ancillary services subtotal	26,027	72,367
Other operating revenues ³	8,556,807	19,717,482
Transmission and other operating revenues total	16,974,811	30,277,773

¹ Transmission and other operating revenues as presented in this table are \$9.1 million less than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$1.5 million in transmission losses excluded from the transmission revenue table; \$7.6 million in variances between transmission revenue accrual estimates and actual transmission revenues and other miscellaneous minor transactions.

² Transmission and other operating revenues as presented in this table are \$4.9 million greater than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$0.1 million in reliability sales excluded from the transmission revenue table; -\$5 million in variances between transmission revenue accrual estimates and actual transmission revenues and other miscellaneous minor transactions.

³ Other operating revenues during FY 2019 is comprised of reimbursable transactions.

Customers by State and Customer Category

State/customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Arizona						
Municipalities	0	1	1	0	1	1
Cooperatives	0	1	1	0	1	1
State agencies ¹	0	1	1	0	2	2
Irrigation districts ¹	0	10	10	0	9	9
Arizona subtotal	0	13	13	0	13	13
California						
Power marketers ²	0	1	1	0	0	0
California subtotal	0	1	1	0	0	0
New Mexico						
Investor-owned utilities	0	0	0	0	1	1
New Mexico subtotal	0	0	0	0	1	1
Texas						
Power marketers ²	0	0	0	0	1	1
Texas subtotal	0	0	0	0	1	1
Central Arizona subtotal	0	14	14	0	15	15
Interproject	0	1	1	0	1	1
Central Arizona total	0	15	15	0	16	16

¹ The customer category for Central Arizona Water Conservation District was reclassified from state agencies to irrigation districts in FY 2019.

² Customer was reclassified to the proper state in which WAPA delivered and provided benefit in FY 2019.

Active Transmission Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	CAP-FT3 - Firm point-to-point transmission service	\$21.00/kW-year
2019	CAP-NFT3 - Nonfirm point-to-point transmission service	2.40 mills/kWh
2019	CAP-NITS3 - Network integration transmission service	Customer load ratio share x 1/12 annual revenue requirement \$17,430,000

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Cash	(95)	0	(95)	(414)	0	(414)
Accounts receivable, net	2,991	0	2,991	8,030	0	8,030
Regulatory assets	377	0	377	294	0	294
Other assets	1,602	0	1,602	574	0	574
Total assets	4,875	0	4,875	8,484	0	8,484
Liabilities:						
Customer advances and other liabilities	5,057	0	5,057	8,606	0	8,606
Accounts payable	108	0	108	319	0	319
Total liabilities	5,165	0	5,165	8,925	0	8,925
Capitalization:						
Accumulated net revenues (deficit)	(290)	0	(290)	(441)	0	(441)
Total capitalization	(290)	0	(290)	(441)	0	(441)
Total liabilities and capitalization	\$4,875	\$0	\$4,875	\$8,484	\$0	\$8,484

Summary by Customer Category

Customer category	FY 2019			FY 2018		
	Long-term	Other	Total	Long-term	Other	Total
Municipalities	0	1	1	0	1	1
Cooperatives	0	1	1	0	1	1
State agencies ¹	0	1	1	0	2	2
Irrigation districts ¹	0	10	10	0	9	9
Investor-owned utilities	0	0	0	0	1	1
Power marketers	0	1	1	0	1	1
Central Arizona subtotal	0	14	14	0	15	15
Interproject	0	1	1	0	1	1
Central Arizona total	0	15	15	0	16	16

¹ The customer category for Central Arizona Water Conservation District was reclassified from state agencies to irrigation districts in FY 2019.

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$62,455	\$0	\$62,455	\$70,799	\$0	\$70,799
Transmission and other operating revenues	26,096	0	26,096	25,335	0	25,335
Gross operating revenues	88,551	0	88,551	96,134	0	96,134
Income transfers, net	(78,844)	0	(78,844)	(75,098)	0	(75,098)
Total operating revenues	9,707	0	9,707	21,036	0	21,036
Operating expenses:						
Operation and maintenance	7,326	0	7,326	17,443	0	17,443
Purchased power	436	0	436	1,713	0	1,713
Purchased transmission services	24	0	24	98	0	98
Administration and general	1,992	0	1,992	2,381	0	2,381
Total operating expenses	9,778	0	9,778	21,635	0	21,635
Net operating revenues (deficit)	(71)	0	(71)	(599)	0	(599)
Interest expenses:						
Interest on payable to U.S. Treasury	22	0	22	19	0	19
Net interest expenses	22	0	22	19	0	19
Net revenues (deficit)	(93)	0	(93)	(618)	0	(618)
Accumulated net revenues (deficit):						
Balance, beginning of year	(441)	0	(441)	(44)	0	(44)
Change in capitalization	244	0	244	221	0	221
Balance, end of year	(\$290)	\$0	(\$290)	(\$441)	\$0	(\$441)

Transmission and Other Operating Revenues

	FY 2019 ^{1,2}	FY 2018 ^{1,2}
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm point-to-point transmission service	7,181,440	6,867,840
Nonfirm point-to-point transmission service	862,079	592,114
Short term point-to-point transmission service	1,969	73,004
Transmission services subtotal	8,045,488	7,532,958
Other operating revenues ³	(3,686,295)	(673,860)
Transmission and other operating revenues total	4,359,193	6,859,098

¹ Electrical District 5-to-Palo Verde Hub is classified as Transmission Infrastructure Program in WAPA's FY 2019 Annual Report.

² Transmission and other operating revenues as presented in this table are \$285,000 and \$31,000 less than the FY 2019 and FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to other miscellaneous minor transactions.

³ Other operating revenues during FY 2019 is comprised of \$1.9 million in rental income and -\$5.6 million in bill credits due to capacity provided to WAPA.

Transmission Lines

Voltage rating	Arizona		Total	
	FY 2019	FY 2018	FY 2019	FY 2018
230-kV				
Circuit miles	46.30	46.30	46.30	46.30
Circuit kilometers	74.50	74.50	74.50	74.50
Acres	0.00	0.00	0.00	0.00
Hectares	0.00	0.00	0.00	0.00
Totals				
Circuit miles	46.30	46.30	46.30	46.30
Circuit kilometers	74.50	74.50	74.50	74.50
Acres	0.00	0.00	0.00	0.00
Hectares	0.00	0.00	0.00	0.00

Facilities, Substations

Facility	FY 2019	FY 2018
Substations		
Number of substations	0	0
Number of transformers	1	1
Transformer capacity (kVA)	375,000	375,000

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$70,797	\$0	\$70,797	\$70,634	\$0	\$70,634
Accumulated depreciation	(10,342)	0	(10,342)	(8,322)	0	(8,322)
Net completed plant	60,455	0	60,455	62,312	0	62,312
Construction work-in-progress	0	0	0	163	0	163
Net utility plant	60,455	0	60,455	62,475	0	62,475
Cash	6,807	0	6,807	6,758	0	6,758
Accounts receivable, net	321	0	321	332	0	332
Total assets	67,583	0	67,583	69,565	0	69,565
Liabilities:						
Long-term liabilities	70,237	0	70,237	71,726	0	71,726
Customer advances and other liabilities	5	0	5	6	0	6
Accounts payable	111	0	111	32	0	32
Total liabilities	70,353	0	70,353	71,764	0	71,764
Capitalization:						
Accumulated net revenues (deficit)	(2,770)	0	(2,770)	(2,199)	0	(2,199)
Total capitalization	(2,770)	0	(2,770)	(2,199)	0	(2,199)
Total liabilities and capitalization	\$67,583	\$0	\$67,583	\$69,565	\$0	\$69,565

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Transmission and other operating revenues	4,644	0	4,644	6,890	0	6,890
Gross operating revenues	4,644	0	4,644	6,890	0	6,890
Total operating revenues	4,644	0	4,644	6,890	0	6,890
Operating expenses:						
Operation and maintenance	3,161	0	3,161	2,796	0	2,796
Depreciation	2,020	0	2,020	3,932	0	3,932
Administration and general	35	0	35	24	0	24
Total operating expenses	5,216	0	5,216	6,752	0	6,752
Net operating revenues (deficit)	(572)	0	(572)	138	0	138
Interest expenses:						
Interest on payable to U.S. Treasury	0	0	0	0	0	0
Net interest expenses	0	0	0	0	0	0
Net revenues (deficit)	(572)	0	(572)	138	0	138
Accumulated net revenues (deficit):						
Balance, beginning of year	(2,199)	0	(2,199)	(2,338)	0	(2,338)
Change in capitalization	1	0	1	1	0	1
Balance, end of year	(\$2,770)	\$0	(\$2,770)	(\$2,199)	\$0	(\$2,199)

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
COOPERATIVES				
Texas				
South Texas Electric Cooperative	159,486	3,817,608	162,651	5,973,468
Texas subtotal	159,486	3,817,608	162,651	5,973,468
Cooperatives subtotal	159,486	3,817,608	162,651	5,973,468
Falcon-Amistad total	159,486	3,817,608	162,651	5,973,468

¹ Power revenues as presented in this table are \$372,000 greater than the FY 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to other miscellaneous minor transactions.

² Power revenues as presented in this table agree with the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues.

Powerplants

State/plant Name	Operating agency	River	Initial In-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Texas									
Amistad ^{4,5}	IBWC	Rio Grande	Jun 1983	2	66	66	66	99	96
Falcon ^{4,5}	IBWC	Rio Grande	Oct 1954	3	32	32	32	60	67
Falcon-Amistad total				5	98	98	98	159	163

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use.

⁴ Federal share (50%) of plant capacity.

⁵ Actual operating capability is based on average hourly generation for the month.

Operating agency:

IBWC - International Boundary Waters Commission, Department of State

Active Marketing Plan

Project	Expiration date
Falcon-Amistad	6/8/2033

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross Operating Revenue ³	176,135	372	3,446	179,953
Income transfers (net)	242	0	0	242
Total operating revenue	176,377	372	3,446	180,195
EXPENSES:				
O&M and other	71,004	(48)	3,351	74,307
Purchase power and other	0	0	0	0
Interest				
Federally financed	77,980	0	1,494	79,474
Non-federally financed	0	0	0	0
Total interest	77,980	0	1,494	79,474
Total expense	148,984	(48)	4,845	153,781
(Deficit)/surplus revenue	4,201	420	(2,455)	2,166
INVESTMENT:				
Federally financed power ⁴	49,774	(327)	727	50,174
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	49,774	(327)	727	50,174
INVESTMENT REPAID:				
Federally financed power	23,192	0	1,056	24,248
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	23,192	0	1,056	24,248
INVESTMENT UNPAID:				
Federally financed power	26,582	(327)	(329)	25,926
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	26,582	(327)	(329)	25,926
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	46.59%			48.33%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 136 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

³ Advanced funding from customer received in FY 2019.

⁴ Reciprocal capital investment not recorded in FY 2018.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	IBWC	Total	WAPA	IBWC	Total
Assets:						
Completed utility plant	\$0	\$50,126	\$50,126	\$0	\$49,398	\$49,398
Accumulated depreciation	0	(31,722)	(31,722)	0	(30,874)	(30,874)
Net completed plant	0	18,404	18,404	0	18,524	18,524
Construction work-in-progress	0	0	0	0	327	327
Net utility plant	0	18,404	18,404	0	18,851	18,851
Cash	17,466	31	17,497	17,629	21	17,650
Accounts receivable, net	281	86	367	498	362	860
Regulatory assets	2	165	167	2	171	173
Other assets	0	13	13	0	44	44
Total assets	17,749	18,699	36,448	18,129	19,449	37,578
Liabilities:						
Customer advances and other liabilities	374	283	657	2	375	377
Accounts payable	0	43	43	276	30	306
Total liabilities	374	326	700	278	405	683
Capitalization:						
Payable to U.S. Treasury	428	38,885	39,313	428	37,987	38,415
Accumulated net revenues (deficit)	16,947	(20,512)	(3,565)	17,423	(18,943)	(1,520)
Total capitalization	17,375	18,373	35,748	17,851	19,044	36,895
Total liabilities and capitalization	\$17,749	\$18,699	\$36,448	\$18,129	\$19,449	\$37,578

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	IBWC	Total	WAPA	IBWC	Total
Operating revenues:						
Sales of electric power	\$3,446	\$0	\$3,446	\$5,973	\$0	\$5,973
Gross operating revenues	3,446	0	3,446	5,973	0	5,973
Income transfers, net	(4,081)	4,081	0	(6,299)	6,299	0
Total operating revenues	(635)	4,081	3,446	(326)	6,299	5,973
Operating expenses:						
Operation and maintenance	36	3,309	3,345	20	3,599	3,619
Depreciation	0	847	847	0	826	826
Administration and general	6	0	6	10	0	10
Total operating expenses	42	4,156	4,198	30	4,425	4,455
Net operating revenues (deficit)	(677)	(75)	(752)	(356)	1,874	1,518
Interest expenses:						
Interest on payable to U.S. Treasury	0	1,494	1,494	0	1,524	1,524
Net interest expenses	0	1,494	1,494	0	1,524	1,524
Net revenues (deficit)	(677)	(1,569)	(2,246)	(356)	350	(6)
Accumulated net revenues (deficit):						
Balance, beginning of year	17,423	(18,943)	(1,520)	17,778	(19,293)	(1,515)
Change in capitalization	201	0	201	1	0	1
Balance, end of year	\$16,947	(\$20,512)	(\$3,565)	\$17,423	(\$18,943)	(\$1,520)

Facilities, Substations

Facility	FY 2019	FY 2018 ¹
Substations		
Number of substations	7	7
Number of transformers	9	9
Transformer capacity (kVA)	5,799,990	5,799,990
Land (fee)		
Acres	143.59	143.59
Hectares	58.13	58.13
Land (easement)		
Acres	0.23	0.23
Hectares	0.09	0.09
Land (withdrawal)		
Acres	4,402.05	4,402.05
Hectares	1,782.41	1,782.41
Buildings and communication sites		
Number of buildings	10	10
Number of communication sites	8	8

¹ FY 2018 data was restated to exclude Pacific NW-SW Intertie (northern portion) which is reported with the Central Valley Project.

Transmission Lines

Voltage Rating	Arizona		Nevada		Total	
	FY 2019	FY 2018 ¹	FY 2019	FY 2018 ¹	FY 2019	FY 2018 ¹
500-kV						
Circuit miles	231.90	231.90	24.00	24.00	255.90	255.90
Circuit kilometers	373.13	373.13	38.62	38.62	411.75	411.75
Acres	5,361.79	5,361.79	1,943.84	1,943.84	7,305.63	7,305.63
Hectares	2,170.77	2,170.77	786.98	786.98	2,957.75	2,957.75
345-kV						
Circuit miles	226.50	226.50	10.50	10.50	237.00	237.00
Circuit kilometers	364.44	364.44	16.89	16.89	381.33	381.33
Acres	4,117.50	4,117.50	185.40	185.40	4,302.90	4,302.90
Hectares	1,667.01	1,667.01	75.06	75.06	1,742.07	1,742.07
230-kV						
Circuit miles ²	94.64	74.80	0.00	0.00	94.64	74.80
Circuit kilometers ²	152.28	120.35	0.00	0.00	152.28	120.35
Acres	384.77	384.77	0.00	0.00	384.77	384.77
Hectares	155.78	155.78	0.00	0.00	155.78	155.78
69-kV and below						
Circuit miles	0.00	0.00	0.00	0.00	0.00	0.00
Circuit kilometers	0.00	0.00	0.00	0.00	0.00	0.00
Acres	0.00	0.00	278.78	278.78	278.78	278.78
Hectares	0.00	0.00	112.87	112.87	112.87	112.87
Totals						
Circuit miles	553.04	533.20	34.50	34.50	587.54	567.70
Circuit kilometers	889.85	857.92	55.51	55.51	945.36	913.43
Acres	9,864.06	9,864.06	2,408.02	2,408.02	12,272.08	12,272.08
Hectares	3,993.56	3,993.56	974.91	974.91	4,968.47	4,968.47

¹ FY 2018 data was restated to exclude Pacific NW-SW Intertie (northern portion) which is reported with the Central Valley Project.

² One line added; data correction.

Transmission and Other Operating Revenues

	FY 2019 ¹	FY 2018 ²
	Revenue (\$)	Revenue (\$)
Transmission service		
Firm point-to-point transmission service	27,874,205	29,574,196
Nonfirm point-to-point transmission service	504,068	1,051,595
Short term point-to-point transmission service	1,212,531	1,666,613
Transmission services subtotal	29,590,804	32,292,404
Ancillary service		
Regulation and frequency response	97,782	160,661
Ancillary services subtotal	97,782	160,661
Other operating revenues ³	5,282,153	3,999,446
Transmission and other operating revenues total	34,970,739	36,452,511

¹ Transmission and other operating revenues as presented in this table are \$6.7 million less than the FY 2019 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$6.3 million in transmission losses excluded from the transmission revenue table; \$0.2 million in reliability sales excluded from the transmission revenue table; \$0.2 million in variances between transmission revenue accrual estimates and actual transmission revenue.

² Transmission and other operating revenues as presented in this table are \$4.5 million less than the FY 2018 transmission and other operating revenues presented in the statements of revenues and expenses and accumulated net revenues due to the following: \$4.4 million in transmission losses excluded from the transmission revenue table; \$0.2 million in reliability sales excluded from the transmission revenue table; -\$0.3 million in transfers to Parker-Davis; \$0.2 million in variances between transmission revenue accrual estimates and actual transmission revenue.

³ Other operating revenues during FY 2019 is comprised of \$5 million in rental income and \$0.3 million in late charges along with other miscellaneous minor transactions.

Active Transmission and Ancillary Services Rate Provisions

Fiscal year	Rate schedule designation	Rate
2019	INT-FTS, Long-term and short-term firm point-to-point transmission service	\$19.32/kW-year \$1.61/kW-month \$0.3715/kW-week \$0.0529/kW-day \$0.00221/kWh
2019	INT-NFT4, Nonfirm point-to-point transmission service	2.21 mills/kWh
2019	INT-NTS4, Network integration transmission service	Load ratio share of 1/12 of annual revenue requirement of \$35,637,697
2019	DSW-SD4, Scheduling, system control and dispatch service ¹	\$16.31/schedule/day
2019	DSW-RS4, Reactive supply and voltage control service ¹	\$0.054/kW-month
2019	DSW-FR4, Regulation and frequency response service ¹	\$0.106/kW-month
2019	DSW-EI4, Energy imbalance service ¹	
	On-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered load	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered load	110% return for under delivery, 90% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered load	125% return for under delivery, 75% for over delivery
	Off-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered load	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered load	110% return for under delivery, 75% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered load	125% return for under delivery, 60% for over delivery
2019	DSW-GI2, Generator imbalance service ¹	
	On-peak hours:	
	Less than or equal to +/- 1.5% (4 MW minimum) of metered generation	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered generation	110% return for under delivery, 90% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered generation	125% return for under delivery, 75% for over delivery
	Off-peak hours:	
	Less than or equal to -3.0% (or up to 5 MW) and +7.5% (or up to 2 MW) of metered generation	100% return
	Greater than +/- 1.5% up to +/- 7.5% (or greater than 4 MW to 10 MW) of metered generation	110% return for under delivery, 75% for over delivery
	Greater than +/- 7.5% (or greater than 10 MW) of metered generation	125% return for under delivery, 60% for over delivery
2019	DSW-SPR4, Operating reserve - spinning reserve service ¹	None available
2019	DSW-SUR4, Operating reserve - supplemental reserve service ¹	None available

¹ Ancillary services rates for the Desert Southwest region and the Western Area Lower Colorado Balancing Authority.

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	742,031	0	41,621	783,652
Income transfers (net)	(27,676)	0	98	(27,578)
Total Operating Revenue	714,355	0	41,719	756,074
EXPENSES:				
O&M and other	214,732	(2,120)	13,087	225,699
Purchase power and other	23,941	(1,767)	4,441	26,615
Interest				
Federally financed	444,224	529	17,627	462,380
Non-federally financed	20,890	0	0	20,890
Total interest	465,114	529	17,627	483,270
Total expense	703,787	(3,358)	35,155	735,584
(Deficit)/surplus revenue	(3,048)	3,358	(3,358)	(3,048)
INVESTMENT:				
Federally financed power	255,296	0	3,185	258,481
Non-federally financed power	23,292	0	0	23,292
Nonpower	0	0	0	0
Total investment	278,588	0	3,185	281,773
INVESTMENT REPAID:				
Federally financed power	13,616	0	9,922	23,538
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	13,616	0	9,922	23,538
INVESTMENT UNPAID:				
Federally financed power	241,680	0	(6,737)	234,943
Non-federally financed power	23,292	0	0	23,292
Nonpower	0	0	0	0
Total investment unpaid	264,972	0	(6,737)	258,235
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	5.33%			9.11%
Non-federal	0.00%			0.00%
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 139 of the FY 2018 Statistical Appendix.

² Based on FY 2019 final audited financial statements.

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$272,882	\$0	\$272,882	\$270,808	\$0	\$270,808
Accumulated depreciation	(160,565)	0	(160,565)	(154,336)	0	(154,336)
Net completed plant	112,317	0	112,317	116,472	0	116,472
Construction work-in-progress	8,125	0	8,125	6,036	0	6,036
Net utility plant	120,442	0	120,442	122,508	0	122,508
Cash	23,299	0	23,299	28,184	0	28,184
Accounts receivable, net	1,475	0	1,475	1,634	0	1,634
Regulatory assets	1,098	0	1,098	2,111	0	2,111
Other assets	599	0	599	176	0	176
Total assets	146,913	0	146,913	154,613	0	154,613
Liabilities:						
Long-term liabilities	5,565	0	5,565	2,000	0	2,000
Customer advances and other liabilities	2,223	0	2,223	2,005	0	2,005
Accounts payable	691	0	691	957	0	957
Environmental cleanup liabilities	477	0	477	470	0	470
Total liabilities	8,956	0	8,956	5,432	0	5,432
Capitalization:						
Payable to U.S. Treasury	285,375	0	285,375	296,919	0	296,919
Accumulated net revenues (deficit)	(147,418)	0	(147,418)	(147,738)	0	(147,738)
Total capitalization	137,957	0	137,957	149,181	0	149,181
Total liabilities and capitalization	\$146,913	\$0	\$146,913	\$154,613	\$0	\$154,613

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Transmission and other operating revenues	41,621	0	41,621	40,912	0	40,912
Gross operating revenues	41,621	0	41,621	40,912	0	40,912
Income transfers, net	98	0	98	(39)	0	(39)
Total operating revenues	41,719	0	41,719	40,873	0	40,873
Operating expenses:						
Operation and maintenance	10,796	0	10,796	12,068	0	12,068
Purchased power	4,371	0	4,371	4,038	0	4,038
Purchased transmission services	70	0	70	178	0	178
Depreciation	6,244	0	6,244	6,265	0	6,265
Administration and general	2,291	0	2,291	2,979	0	2,979
Total operating expenses	23,772	0	23,772	25,528	0	25,528
Net operating revenues (deficit)	17,947	0	17,947	15,345	0	15,345
Interest expenses:						
Interest on payable to U.S. Treasury	18,216	0	18,216	17,613	0	17,613
Allowance for funds used during construction	(589)	0	(589)	(153)	0	(153)
Net interest on payable to U.S. Treasury	17,627	0	17,627	17,460	0	17,460
Interest on long-term liabilities	0	0	0	54	0	54
Net interest expenses	17,627	0	17,627	17,514	0	17,514
Net revenues (deficit)	320	0	320	(2,169)	0	(2,169)
Accumulated net revenues (deficit):						
Balance, beginning of year	(147,738)	0	(147,738)	(145,569)	0	(145,569)
Balance, end of year	(\$147,418)	\$0	(\$147,418)	(\$147,738)	\$0	(\$147,738)

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ²	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Utah				
Utah Associated Municipal Power Systems	21,638	155,955	0	0
Utah Municipal Power Agency	9,274	96,338	0	0
Utah subtotal	30,912	252,293	0	0
Municipalities subtotal	30,912	252,293	0	0
Olmsted total	30,912	252,293	0	0

¹ Power revenues as presented in this table are \$8,000 greater than the 2019 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue.

² In FY 2018, generated energy was used only for testing purposes due to continued construction.

Powerplants

State/plant Name	Operating agency	River	Initial in-service date ¹	Existing number of units	Installed capacity ² FY 2019 (MW)	Actual operating capability (MW) ³		Net generation (GWh) ⁴	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018 ⁵
Utah									
Olmsted	CUWCD	Provo River	Sep 2018	4	12	12	0	31	0
Olmsted total				4	12	12	0	31	0

¹ The replacement Olmsted hydropower plant was completed in 2018.

² Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

³ Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

⁴ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

⁵ In FY 2018, generated energy was used only for testing purposes due to continued construction.

Operating agency:

CUWCD - Central Utah Water Conservancy District

Active Marketing Plan

Project	Expiration date
Olmsted	9/30/2024

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$244	\$0	\$244	\$32	\$0	\$32
Transmission and other operating revenues	0	3,306	3,306	0	9	9
Gross operating revenues	244	3,306	3,550	32	9	41
Income transfers, net	0	0	0	113	(2,067)	(1,954)
Total operating revenues	244	3,306	3,550	145	(2,058)	(1,913)
Operating expenses:						
Operation and maintenance	88	111	199	0	1,849	1,849
Depreciation	0	19	19	0	0	0
Administration and general	8	0	8	0	0	0
Total operating expenses	96	130	226	0	1,849	1,849
Net operating revenues (deficit)	148	3,176	3,324	145	(3,907)	(3,762)
Net revenues (deficit)	148	3,176	3,324	145	(3,907)	(3,762)
Accumulated net revenues (deficit):						
Balance, beginning of year	32	2,509	2,541	(113)	6,416	6,303
Balance, end of year	\$180	\$5,685	\$5,865	\$32	\$2,509	\$2,541

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$0	\$5,815	\$5,815	\$0	\$0	\$0
Accumulated depreciation	0	(19)	(19)	0	0	0
Net completed plant	0	5,796	5,796	0	0	0
Construction work-in-progress	0	0	0	0	5,815	5,815
Net utility plant	0	5,796	5,796	0	5,815	5,815
Cash	180	(111)	69	32	2,509	2,541
Total assets	180	5,685	5,865	32	8,324	8,356
Liabilities:						
Accounts payable	0	0	0	0	5,815	5,815
Total liabilities	0	0	0	0	5,815	5,815
Capitalization:						
Accumulated net revenues (deficit)	180	5,685	5,865	32	2,509	2,541
Total capitalization	180	5,685	5,865	32	2,509	2,541
Total liabilities and capitalization	\$180	\$5,685	\$5,865	\$32	\$8,324	\$8,356

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	10,542	0	3,550	14,092
Income transfers (net)	0	0	0	0
Total operating revenue	10,542	0	3,550	14,092
EXPENSES:				
O&M and other	8,000	0	207	8,207
Purchase power and other	0	0	0	0
Interest				
Federally financed	0	0	0	0
Non-federally financed	0	0	0	0
Total interest	0	0	0	0
Total expense	8,000	0	207	8,207
(Deficit)/surplus revenue	2,542	0	3,343	5,885
INVESTMENT:				
Federally financed power	0	0	5,815	5,815
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	0	0	5,815	5,815
INVESTMENT REPAID:				
Federally financed power	0	0	0	0
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	0	0	0	0
INVESTMENT UNPAID:				
Federally financed power	0	0	5,815	5,815
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	0	0	5,815	5,815
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	N/A			0.00%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column includes data not reported in the FY 2018 Statistical Appendix.² Based on FY 2019 final audited financial statements.

Powerplants

State/plant Name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
Utah									
Deer Creek	PRWUA	Provo	Feb 1958	2	5	5	5	22	23
Provo River total				2	5	5	5	22	23

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other priorities such as project pumping energy.

Operating agency:

PRWUA - Provo River Water Users Association

Power Sales and Revenues

Customer	FY 2019 ¹		FY 2018 ¹	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
Utah				
Heber Light and Power	1,105	16,586	1,144	23,650
Utah Associated Municipal Power System	4,418	66,345	4,575	94,601
Utah Municipal Power Agency	12,887	193,505	13,343	275,920
Utah subtotal	18,410	276,436	19,062	394,171
Municipalities subtotal	18,410	276,436	19,062	394,171
Provo River total	18,410	276,436	19,062	394,171

¹ Power revenues as presented in this table are \$10,000 and \$3,000 less than the FY 2019 and FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to variances between revenue accrual estimates and actual revenue.

Active Marketing Plan

Project	Expiration date
Provo River	9/30/2024

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$286	\$0	\$286	\$397	\$0	\$397
Gross operating revenues	286	0	286	397	0	397
Income transfers, net	4,186	(4,186)	0	(275)	275	0
Total operating revenues	4,472	(4,186)	286	122	275	397
Operating expenses:						
Operation and maintenance	28	421	449	6	290	296
Depreciation	4	65	69	4	24	28
Administration and general	4	0	4	4	0	4
Total operating expenses	36	486	522	14	314	328
Net operating revenues (deficit)	4,436	(4,672)	(236)	108	(39)	69
Interest expenses:						
Interest on payable to U.S. Treasury	0	30	30	0	(663)	(663)
Net interest expenses	0	30	30	0	(663)	(663)
Net revenues (deficit)	4,436	(4,702)	(266)	108	624	732
Accumulated net revenues (deficit):						
Balance, beginning of year	(4,907)	6,799	1,892	(5,015)	6,175	1,160
Balance, end of year	(\$471)	\$2,097	\$1,626	(\$4,907)	\$6,799	\$1,892

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$179	\$2,490	\$2,669	\$179	\$2,491	\$2,670
Accumulated depreciation	(85)	(217)	(302)	(80)	(152)	(232)
Net completed plant	94	2,273	2,367	99	2,339	2,438
Construction work-in-progress	0	93	93	0	163	163
Net utility plant	94	2,366	2,460	99	2,502	2,601
Cash	45	1,706	1,751	31	1,872	1,903
Accounts receivable, net	36	0	36	36	0	36
Regulatory assets	1	1	2	1	(1)	0
Total assets	176	4,073	4,249	167	4,373	4,540
Liabilities:						
Customer advances and other liabilities	1	0	1	2	0	2
Accounts payable	0	30	30	0	37	37
Total liabilities	1	30	31	2	37	39
Capitalization:						
Payable to U.S. Treasury	646	1,946	2,592	5,072	(2,463)	2,609
Accumulated net revenues (deficit)	(471)	2,097	1,626	(4,907)	6,799	1,892
Total capitalization	175	4,043	4,218	165	4,336	4,501
Total liabilities and capitalization	\$176	\$4,073	\$4,249	\$167	\$4,373	\$4,540

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	11,747	0	286	12,033
Income transfers (net)	0	0	0	0
Total operating revenue	11,747	0	286	12,033
EXPENSES:				
O&M and other	8,018	0	453	8,471
Purchase power and other	203	0	0	203
Interest				
Federally financed	1,027	0	30	1,057
Non-federally financed	0	0	0	0
Total interest	1,027	0	30	1,057
Total expense	9,248	0	483	9,731
(Deficit)/surplus revenue	465	0	(209)	256
INVESTMENT:				
Federally financed power	2,853	0	0	2,853
Non-federally financed power	0	0	0	0
Nonpower	192	0	0	192
Total investment	3,045	0	0	3,045
INVESTMENT REPAID:				
Federally financed power	1,842	0	12	1,854
Non-federally financed power	0	0	0	0
Nonpower	192	0	0	192
Total investment repaid	2,034	0	12	2,046
INVESTMENT UNPAID:				
Federally financed power	1,011	0	(12)	999
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	1,011	0	(12)	999
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	64.56%			64.98%
Non-federal	N/A			N/A
Nonpower	100.00%			100.00%

¹ This column ties to the cumulative numbers on Page 142 of the FY 2018 Statistical Appendix.² Based on FY 2019 final audited financial statements.

Power Sales and Revenues

Customer	FY 2019 ^{1,2}		FY 2018 ^{1,2}	
	Energy (MWh)	Revenue (\$)	Energy (MWh)	Revenue (\$)
MUNICIPALITIES				
California				
Truckee Donner Public Utility District and City of Fallon	11,491	214,634	11,643	198,670
California subtotal	11,491	214,634	11,643	198,670
Municipalities subtotal	11,491	214,634	11,643	198,670
Washoe total	11,491	214,634	11,643	198,670

¹ Power sales from Washoe are nonfirm and under a long-term contract.

² Power revenues as presented in this table are \$11,000 and \$80,000 greater than the FY 2019 and the FY 2018 sales of electric power revenues presented in the statements of revenues and expenses and accumulated net revenues due to rollover of the Stampede Energy Exchange Account balance.

Powerplants

State/plant Name	Operating agency	River	Initial in-service date	Existing number of units	Installed capacity ¹ FY 2019 (MW)	Actual operating capability (MW) ²		Net generation (GWh) ³	
						July 1, 2019	July 1, 2018	FY 2019	FY 2018
California									
Stampede	Reclamation	Little Truckee	Dec 1986	2	4	4	4	11	12
Washoe total				2	4	4	4	11	12

¹ Installed capacity is the maximum generating capacity of the units' at-unity power factor without exceeding the specified heat rise on each unit and is independent of water constraints.

² Actual operating capability represents the operating capability on July 1, but may not represent the coincident or non-coincident peak operating capability for the powerplant, project or WAPA as a whole.

³ Net generation is gross plant generation less plant use. These amounts have not been reduced by other project priorities.

Operating agencies:

Reclamation - Bureau of Reclamation, Department of the Interior

Active Nonfirm Power Rate Provisions

Fiscal year	Rate schedule designation	Capacity charge (\$/kW of billing demand)	Energy charge not in excess of delivery obligations	Effective date	Annual composite rate
2019	SNF-7	None	Formula rate: Pursuant to contract	10/1/2018	N/A

Active Marketing Plan

Project	Expiration date
Central Valley-Washoe	12/31/2024

Statements of Revenues and Expenses, and Accumulated Net Revenues

For the years ended Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Operating revenues:						
Sales of electric power	\$204	\$0	\$204	\$119	\$0	\$119
Transmission and other operating revenues	255	0	255	255	0	255
Gross operating revenues	459	0	459	374	0	374
Income transfers, net	(381)	381	0	(234)	234	0
Total operating revenues	78	381	459	140	234	374
Operating expenses:						
Operation and maintenance	16	112	128	(5)	105	100
Purchased power	91	0	91	166	0	166
Depreciation	5	12	17	5	121	126
Administration and general	4	0	4	2	0	2
Total operating expenses	116	124	240	168	226	394
Net operating revenues (deficit)	(38)	257	219	(28)	8	(20)
Interest expenses:						
Interest on payable to U.S. Treasury	1	54	55	2	59	61
Net interest expenses	1	54	55	2	59	61
Net revenues (deficit)	(39)	203	164	(30)	(51)	(81)
Accumulated net revenues (deficit):						
Balance, beginning of year	170	(1,414)	(1,244)	199	(1,410)	(1,211)
Change in capitalization	(28)	(2)	(30)	1	47	48
Balance, end of year	\$103	(\$1,213)	(\$1,110)	\$170	(\$1,414)	(\$1,244)

Balance Sheets

As of Sept. 30, 2019 and 2018 (in thousands)

	FY 2019			FY 2018		
	WAPA	Reclamation	Total	WAPA	Reclamation	Total
Assets:						
Completed utility plant	\$216	\$8,459	\$8,675	\$216	\$8,459	\$8,675
Accumulated depreciation	(158)	(7,804)	(7,962)	(153)	(7,792)	(7,945)
Net completed plant	58	655	713	63	667	730
Construction work-in-progress	0	0	0	0	0	0
Net utility plant	58	655	713	63	667	730
Cash	110	201	311	13	59	72
Accounts receivable, net	117	0	117	0	0	0
Regulatory assets	0	13	13	1	1	2
Total assets	285	869	1,154	77	727	804
Liabilities:						
Customer advances and other liabilities	1	14	15	0	3	3
Accounts payable	0	9	9	0	3	3
Total liabilities	1	23	24	0	6	6
Capitalization:						
Payable to U.S. Treasury	181	2,059	2,240	(93)	2,135	2,042
Accumulated net revenues (deficit)	103	(1,213)	(1,110)	170	(1,414)	(1,244)
Total capitalization	284	846	1,130	77	721	798
Total liabilities and capitalization	\$285	\$869	\$1,154	\$77	\$727	\$804

Status of Repayment (dollars in thousands)

	Cumulative 2018 ¹ (\$)	Adjustments (\$)	Annual 2019 ² (\$)	Cumulative 2019 (\$)
REVENUE:				
Gross operating revenue	13,037	24	459	13,520
Income transfers (net)	0	0	0	0
Total operating revenue	13,037	24	459	13,520
EXPENSES:				
O&M and other	2,722	(4)	132	2,850
Purchase power and other	3,876	0	91	3,967
Interest				
Federally financed	6,263	1	55	6,319
Non-federally financed	0	0	0	0
Total interest	6,263	1	55	6,319
Total expense	12,861	(3)	278	13,136
(Deficit)/surplus revenue	(1)	1	0	0
INVESTMENT:				
Federally financed power	2,343	(6)	0	2,337
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment	2,343	(6)	0	2,337
INVESTMENT REPAID:				
Federally financed power	177	26	181	384
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment repaid	177	26	181	384
INVESTMENT UNPAID:				
Federally financed power	2,166	(32)	(181)	1,953
Non-federally financed power	0	0	0	0
Nonpower	0	0	0	0
Total investment unpaid	2,166	(32)	(181)	1,953
PERCENT OF INVESTMENT REPAID TO DATE:				
Federal	7.55%			16.43%
Non-federal	N/A			N/A
Nonpower	N/A			N/A

¹ This column ties to the cumulative numbers on Page 145 of the FY 2018 Statistical Appendix.² Based on FY 2019 final audited financial statements.

TERM DEFINITIONS

Customer, long-term

An entity that has an allocation and received a bill at least one month out of fiscal year 2019.

Long-term sales/revenue

Sales to, and revenue from, preference customers directly related to WAPA's marketing plans and its purchases of power to support those deliveries, plus custom product. (Note: Custom product is a combination of products and services, excluding provisions for load growth, which may be made available by WAPA per customer request, using the customer's base resource and supplemental purchases made by WAPA.)

Other sales/revenue

Sales or revenue not included in the long-term category, including all remaining short-term sales, whether they are firm, nonfirm, surplus, etc.

Pass-through cost sales/revenue

Sales or revenue that WAPA makes on behalf of its customers and for which WAPA passes through the full cost of those sales and the full benefit of that revenue, excluding custom product.

State

State indicated is the state to which WAPA delivered and provided benefit. Independent System Operator's billing address is reported due to the difficulty in determining the state to which energy was delivered.

CONTACT WAPA

Call or write your local WAPA office or Public Affairs at our Headquarters in Lakewood, Colorado, to share your comments or to find out more about WAPA.

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