

**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2021

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	6,938,733	Customers/Gen/Tran	2,061,355	4,877,378
Substation & Transmission Lines	21,161,710	Transmission	0	21,161,710
Communication & Control Equipment	1,820,141	SCADA	19,486	1,800,655
System Operation & Load Dispatch	7,396,094	SCADA/Tran	71,492	7,324,602
Subtotal Western O&M	<u>37,316,678</u>		<u>2,152,333</u>	<u>35,164,345</u>
	100%		5.8%	94.2%
Western General Expenses	1,614,423	% of Subtotal	93,116	1,521,307
Bureau of Reclamation O&M	11,668,000	Generation	11,668,000	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,786,879	% of Subtotal	103,062	1,683,817
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,108,472)	Transmission	(2,624)	(2,105,848)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	1,079,333	Generation	1,079,333	0
Principal/Interest Payments - Western	<u>25,568,804</u>	Transmission	<u>0</u>	<u>25,568,804</u>
Total Annual Gross Expenses	<u>84,086,455</u>		<u>20,354,030</u>	<u>63,732,425</u>
	100%		24.2%	75.8%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,625,000	Transmission	0	2,625,000
Losses	2,625,000	Transmission	0	2,625,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	250,000	Generation	250,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	<u>263,374</u>	Transmission	<u>0</u>	<u>263,374</u>
Total Annual Other Revenues	<u>6,763,374</u>		<u>250,000</u>	<u>6,513,374</u>
	100%		3.7%	96.3%
Expenses Less Other Revenues	77,323,081		20,104,030	57,219,051
Interest Credits	0		0	0
Carryover Application	<u>(4,637,419)</u>		<u>(623,665)</u>	<u>(4,013,754)</u>
Total Credits & Carryover	<u>(4,637,419)</u>		<u>(623,665)</u>	<u>(4,013,754)</u>
Revenue Requirement	72,685,662		19,480,365	53,205,297



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2021

Cost Allocation Factors & Rate Design Loads

SCADA Points		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

Customers		
	Count	Percentage
Transmission	50	58.14%
Generation	36	41.86%
	86	100%

Rate Design Loads		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,306,629	0
	2,577,776	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2022

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	8,104,307	Customers/Gen/Tran	2,750,067	5,354,240
Substation & Transmission Lines	19,298,987	Transmission	0	19,298,987
Communication & Control Equipment	1,738,377	SCADA	18,611	1,719,766
System Operation & Load Dispatch	7,726,068	SCADA/Tran	78,035	7,648,033
Subtotal Western O&M	<u>36,867,739</u>		<u>2,846,713</u>	<u>34,021,026</u>
	100%		7.7%	92.3%
Western General Expenses				
Western General Expenses	1,614,423	% of Subtotal	124,656	1,489,766
Bureau of Reclamation O&M	12,290,500	Generation	12,290,500	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,786,879	% of Subtotal	137,973	1,648,906
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,096,613)	Transmission	(2,559)	(2,094,054)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	1,145,807	Generation	1,145,807	0
Principal/Interest Payments - Western	<u>26,884,714</u>	Transmission	<u>0</u>	<u>26,884,714</u>
Total Annual Gross Expenses	<u>85,654,258</u>		<u>21,803,900</u>	<u>63,850,358</u>
	100%		25.5%	74.5%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,625,000	Transmission	0	2,625,000
Losses	2,625,000	Transmission	0	2,625,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	250,000	Generation	250,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	<u>263,374</u>	Transmission	<u>0</u>	<u>263,374</u>
Total Annual Other Revenues	<u>6,763,374</u>		<u>250,000</u>	<u>6,513,374</u>
	100%		3.7%	96.3%
Expenses Less Other Revenues	78,890,884		21,553,900	57,336,984
Interest Credits	0		0	0
Carryover Application	<u>(1,726,522)</u>		<u>(933,499)</u>	<u>(793,022)</u>
Total Credits & Carryover	<u>(1,726,522)</u>		<u>(933,499)</u>	<u>(793,022)</u>
Revenue Requirement	77,164,362		20,620,401	56,543,962



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2022

Cost Allocation Factors & Rate Design Loads

SCADA Points		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

Customers		
	Count	Percentage
Transmission	50	58.14%
Generation	36	41.86%
	86	100%

Rate Design Loads		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,346,629	0
	2,617,776	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2023

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	8,266,393	Customers/Gen/Tran	2,805,069	5,461,324
Substation & Transmission Lines	19,684,966	Transmission	0	19,684,966
Communication & Control Equipment	1,773,144	SCADA	18,983	1,754,161
System Operation & Load Dispatch	7,880,590	SCADA/Tran	79,595	7,800,995
Subtotal Western O&M	37,605,094		2,903,647	34,701,447
	100%		7.7%	92.3%
Western General Expenses	1,614,423	% of Subtotal	124,656	1,489,766
Bureau of Reclamation O&M	12,920,000	Generation	12,920,000	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,786,879	% of Subtotal	137,973	1,648,906
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,069,928)	Transmission	(2,559)	(2,067,369)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	1,185,192	Generation	1,185,192	0
Principal/Interest Payments - Western	27,519,210	Transmission	0	27,519,210
Total Annual Gross Expenses	87,721,679		22,529,719	65,191,960
	100%		25.7%	74.3%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,625,000	Transmission	0	2,625,000
Losses	2,625,000	Transmission	0	2,625,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	250,000	Generation	250,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	263,374	Transmission	0	263,374
Total Annual Other Revenues	6,763,374		250,000	6,513,374
	100%		3.7%	96.3%
Expenses Less Other Revenues	80,958,305		22,279,719	58,678,586
Interest Credits	0		0	0
Carryover Application	(140,841)		(519,282)	378,441
Total Credits & Carryover	(140,841)		(519,282)	378,441
Revenue Requirement	80,817,464		21,760,437	59,057,027



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2023

Cost Allocation Factors & Rate Design Loads

SCADA Points		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

Customers		
	Count	Percentage
Transmission	50	58.14%
Generation	36	41.86%
	86	100%

Rate Design Loads		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,346,629	0
	2,617,776	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2024

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	8,431,721	Customers/Gen/Tran	2,861,169	5,570,552
Substation & Transmission Lines	20,078,666	Transmission	0	20,078,666
Communication & Control Equipment	1,808,607	SCADA	19,363	1,789,244
System Operation & Load Dispatch	8,038,201	SCADA/Tran	81,188	7,957,013
Subtotal Western O&M	<u>38,357,196</u>		<u>2,961,720</u>	<u>35,395,476</u>
	100%		7.7%	92.3%
Western General Expenses				
Western General Expenses	1,614,423	% of Subtotal	124,656	1,489,766
Bureau of Reclamation O&M	12,845,500	Generation	12,845,500	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,786,879	% of Subtotal	137,973	1,648,906
Multi-Project (SCADA, Mead, Phoenix Service Center)	(1,986,988)	Transmission	(1,542)	(1,985,446)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	1,193,041	Generation	1,193,041	0
Principal/Interest Payments - Western	27,722,603	Transmission	0	27,722,603
Total Annual Gross Expenses	<u>88,693,464</u>		<u>22,522,158</u>	<u>66,171,305</u>
	100%		25.4%	74.6%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,625,000	Transmission	0	2,625,000
Losses	2,625,000	Transmission	0	2,625,000
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	250,000	Generation	250,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	263,374	Transmission	0	263,374
Total Annual Other Revenues	<u>6,763,374</u>		<u>250,000</u>	<u>6,513,374</u>
	100%		3.7%	96.3%
Expenses Less Other Revenues	81,930,090		22,272,158	59,657,931
Interest Credits	0		0	0
Carryover Application	2,540,476		628,315	1,912,161
Total Credits & Carryover	<u>2,540,476</u>		<u>628,315</u>	<u>1,912,161</u>
Revenue Requirement	84,470,566		22,900,473	61,570,092



PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2024

Cost Allocation Factors & Rate Design Loads

SCADA Points		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

Customers		
	Count	Percentage
Transmission	50	58.14%
Generation	36	41.86%
	86	100%

Rate Design Loads		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,346,629	0
	2,617,776	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2025

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	8,600,356	Customers/Gen/Tran	2,918,394	5,681,962
Substation & Transmission Lines	20,480,239	Transmission	0	20,480,239
Communication & Control Equipment	1,844,780	SCADA	19,750	1,825,030
System Operation & Load Dispatch	8,198,965	SCADA/Tran	82,812	8,116,153
Subtotal Western O&M	39,124,340		3,020,956	36,103,384
	100%		7.7%	92.3%
Western General Expenses				
Western General Expenses	1,614,423	% of Subtotal	124,656	1,489,766
Bureau of Reclamation O&M	13,056,000	Generation	13,056,000	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,786,879	% of Subtotal	137,973	1,648,906
Multi-Project (SCADA, Mead, Phoenix Service Center)	(1,900,741)	Transmission	(469)	(1,900,272)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	1,193,017	Generation	1,193,017	0
Principal/Interest Payments - Western	28,881,258	Transmission	0	28,881,258
Total Annual Gross Expenses	90,915,985		22,792,943	68,123,042
	100%		25.1%	74.9%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,621,626	Transmission	0	2,621,626
Losses	2,621,626	Transmission	0	2,621,626
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	250,000	Generation	250,000	0
Transmission Supported (e.g. Scheduling Service)	0	Transmission	0	0
Miscellaneous				
Facilities Use Charges	1,000,000	Transmission	0	1,000,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	0	Generation	0	0
Transfers from Other Western Projects	263,374	Transmission	0	263,374
Total Annual Other Revenues	6,756,626		250,000	6,506,626
	100%		3.7%	96.3%
Expenses Less Other Revenues	84,159,359		22,542,943	61,616,416
Interest Credits	0		0	0
Carryover Application	3,964,306		1,497,566	2,466,740
Total Credits & Carryover	3,964,306		1,497,566	2,466,740
Revenue Requirement	88,123,665		24,040,509	64,083,156



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY 2025

Cost Allocation Factors & Rate Design Loads

SCADA Points		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	8,500	100%

Customers		
	Count	Percentage
Transmission	50	58.14%
Generation	36	41.86%
	86	100%

Rate Design Loads		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	233,844	1,229,778
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,346,629	0
	2,617,776	1,425,045

