

**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2020

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	7,675,890	Customers/Gen/Tran	2,800,723	4,875,167
Substation & Transmission Lines	21,506,290	Transmission	0	21,506,290
Communication & Control Equipment	1,392,399	SCADA	14,907	1,377,492
System Operation & Load Dispatch	7,801,474	SCADA/Tran	75,056	7,726,418
Subtotal Western O&M	<u>38,376,053</u>		<u>2,890,686</u>	<u>35,485,367</u>
	100%		7.5%	92.5%
Western General Expenses				
Western General Expenses	1,457,908	% of Subtotal	109,817	1,348,091
Bureau of Reclamation O&M	11,513,500	Generation	11,513,500	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,487,786	% of Subtotal	112,068	1,375,718
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,162,144)	Transmission	(3,758)	(2,158,386)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	564,154	Generation	564,153	0
Principal/Interest Payments - Western	<u>24,458,715</u>	Transmission	0	<u>24,458,715</u>
Total Annual Gross Expenses	<u>82,856,784</u>		<u>20,447,276</u>	<u>62,409,506</u>
	100%		24.7%	75.3%
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	<u>263,374</u>	Transmission	0	<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				
Expenses Less Other Revenues	76,093,410		20,197,276	55,896,132
Interest Credits				
Interest Credits	0		0	0
Carryover Application	<u>(6,068,838)</u>		<u>(1,714,443)</u>	<u>(4,354,395)</u>
Total Credits & Carryover	<u>(6,068,838)</u>		<u>(1,714,443)</u>	<u>(4,354,395)</u>
Revenue Requirement				
Revenue Requirement	70,024,572		18,482,834	51,541,736



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2020

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	2,331,971	0
	2,603,118	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2021

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	6,938,732	Customers/Gen/Tran	2,061,353	4,877,379
Substation & Transmission Lines	21,161,709	Transmission	0	21,161,709
Communication & Control Equipment	1,820,141	SCADA	19,486	1,800,655
System Operation & Load Dispatch	7,396,093	SCADA/Tran	71,492	7,324,601
Subtotal Western O&M	<u>37,316,674</u>		<u>2,152,331</u>	<u>35,164,343</u>
	100%		5.8%	94.2%
Western General Expenses				
Western General Expenses	1,457,908	% of Subtotal	84,088	1,373,820
Bureau of Reclamation O&M	11,363,500	Generation	11,363,500	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,487,786	% of Subtotal	85,812	1,401,974
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,051,661)	Transmission	(2,155)	(2,049,506)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	635,216	Generation	635,216	0
Principal/Interest Payments - Western	<u>25,975,347</u>	Transmission	0	<u>25,975,347</u>
Total Annual Gross Expenses	<u>83,345,580</u>		<u>19,579,602</u>	<u>63,765,978</u>
	100%		23.5%	76.5%
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	0	<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	76,582,206		19,329,602	57,252,604
Interest Credits	0		0	0
Carryover Application	<u>(3,274,869)</u>		<u>(62,994)</u>	<u>(3,211,875)</u>
Total Credits & Carryover	(3,274,869)		(62,994)	(3,211,875)
Revenue Requirement	73,307,338		19,266,608	54,040,730



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2021

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	2,331,971	0
	2,603,118	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2022

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	7,077,506	Customers/Gen/Tran	2,102,582	4,974,924
Substation & Transmission Lines	21,584,943	Transmission	0	21,584,943
Communication & Control Equipment	1,856,543	SCADA	19,876	1,836,667
System Operation & Load Dispatch	7,544,015	SCADA/Tran	72,923	7,471,092
Subtotal Western O&M	<u>38,063,007</u>		<u>2,195,381</u>	<u>35,867,626</u>
	100%		5.8%	94.2%
Western General Expenses				
Western General Expenses	1,457,908	% of Subtotal	84,089	1,373,820
Bureau of Reclamation O&M	11,856,000	Generation	11,856,000	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,487,786	% of Subtotal	85,812	1,401,974
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,039,533)	Transmission	(2,091)	(2,037,442)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	695,916	Generation	695,916	0
Principal/Interest Payments - Western	<u>26,545,554</u>	Transmission	<u>0</u>	<u>26,545,554</u>
Total Annual Gross Expenses	<u>85,227,449</u>		<u>20,175,917</u>	<u>65,051,532</u>
	100%		23.7%	76.3%
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	<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				
Expenses Less Other Revenues	78,464,075		19,925,917	58,538,158
Interest Credits				
Interest Credits	0		0	0
Carryover Application	<u>298,031</u>		<u>124,467</u>	<u>173,565</u>
Total Credits & Carryover	<u>298,031</u>		<u>124,467</u>	<u>173,565</u>
Revenue Requirement				
Revenue Requirement	78,762,106		20,050,383	58,711,723



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2022

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	2,431,971	0
	2,703,118	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2023

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	7,219,056	Customers/Gen/Tran	2,144,632	5,074,424
Substation & Transmission Lines	20,520,692	Transmission	0	20,520,692
Communication & Control Equipment	1,893,674	SCADA	20,273	1,873,401
System Operation & Load Dispatch	7,694,895	SCADA/Tran	74,381	7,620,514
Subtotal Western O&M	<u>37,328,318</u>		<u>2,239,286</u>	<u>35,089,032</u>
	100%		6.0%	94.0%
Western General Expenses				
Western General Expenses	1,457,908	% of Subtotal	87,458	1,370,450
Bureau of Reclamation O&M	12,196,000	Generation	12,196,000	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,487,786	% of Subtotal	89,251	1,398,535
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,012,359)	Transmission	(2,091)	(2,010,268)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	737,987	Generation	737,987	0
Principal/Interest Payments - Western	<u>26,850,411</u>	Transmission	0	<u>26,850,411</u>
Total Annual Gross Expenses	<u>85,206,863</u>		<u>20,608,701</u>	<u>64,598,161</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	0	<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	78,443,489		20,358,701	58,084,787
Interest Credits	0		0	0
Carryover Application	<u>3,697,386</u>		<u>475,457</u>	<u>3,221,930</u>
Total Credits & Carryover	<u>3,697,386</u>		<u>475,457</u>	<u>3,221,930</u>
Revenue Requirement	82,140,875		20,834,158	61,306,716



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FY2023

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	2,431,971	0
	2,703,118	1,425,045



**PARKER-DAVIS PROJECT
COST APPORTIONMENT STUDY**

FY2024

Annual Expenses	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	7,363,437	Customers/Gen/Tran	2,187,524	5,175,913
Substation & Transmission Lines	20,931,106	Transmission	0	20,931,106
Communication & Control Equipment	1,931,548	SCADA	20,679	1,910,869
System Operation & Load Dispatch	7,848,793	SCADA/Tran	75,868	7,772,925
Subtotal Western O&M	38,074,884		2,284,071	35,790,813
	100%		6.0%	94.0%
Western General Expenses				
Western General Expenses	1,457,908	% of Subtotal	87,458	1,370,450
Bureau of Reclamation O&M	12,204,500	Generation	12,204,500	0
Purchase Power	7,160,810	Gen & Tran	5,260,810	1,900,000
Capitalized Movable Equipment	1,487,786	% of Subtotal	89,250	1,398,536
Multi-Project (SCADA, Mead, Phoenix Service Center)	(1,929,229)	Transmission	(1,073)	(1,928,156)
Bureau of Reclamation Replacements	0	Generation	0	0
Principal/Interest Payments - Reclamation	765,539	Generation	765,539	0
Principal/Interest Payments - Western	27,526,302	Transmission	0	27,526,302
Total Annual Gross Expenses	86,748,501		20,690,555	66,057,946
	100%		23.9%	76.1%
Other Revenues				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	2,531,888	Transmission	0	2,531,888
Losses	2,531,888	Transmission	0	2,531,888
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	6,577,149		250,000	6,327,149
	100%		3.8%	96.2%
Expenses Less Other Revenues				
Expenses Less Other Revenues	80,171,352		20,440,555	59,730,797
Interest Credits				
Interest Credits	0		0	0
Carryover Application	5,348,290		1,177,377	4,170,912
Total Credits & Carryover	5,348,290		1,177,377	4,170,912
Revenue Requirement				
Revenue Requirement	85,519,642		21,617,933	63,901,710



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FY2024

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	2,431,971	0
	2,703,118	1,425,045

