

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2013**

<b>Annual Expenses</b>	Total	Allocation Factor	Generation	Transmission
<b>Western O&amp;M</b>				
Systemwide Expenses	5,179,189	Customers/Gen/Tran	1,803,950	3,375,239
Substation & Transmission Lines	15,350,142	Transmission	0	15,350,142
Communication & Control Equipment	1,248,497	SCADA	13,366	1,235,131
System Operation & Load Dispatch	6,002,482	SCADA/Tran	60,181	5,942,301
Subtotal Western O&M	<u>27,780,310</u>		<u>1,877,497</u>	<u>25,902,813</u>
	100%		6.8%	93.2%
<b>Western General Expenses</b>				
Western General Expenses	6,509,428	% of Subtotal	439,931	6,069,497
Bureau of Reclamation O&M	9,352,000	Generation	9,352,000	0
Purchase Power	5,748,000	Gen & Tran	4,300,000	1,448,000
Capitalized Movable Equipment	1,163,450	% of Subtotal	78,631	1,084,819
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,063,465)	Transmission	(3,568)	(2,059,897)
Bureau of Reclamation Replacements	640,000	Generation	640,000	0
Principal/Interest Payments - Reclamation	83,913	Generation	83,913	0
Principal/Interest Payments - Western	<u>22,609,644</u>	Transmission	<u>0</u>	<u>22,609,644</u>
Total Annual Gross Expenses	<u>71,823,280</u>		<u>16,768,404</u>	<u>55,054,875</u>
	100%		23.3%	76.7%
<b>Other Revenues</b>				
<b>Transmission</b>				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	2,300,000	Transmission	0	2,300,000
<b>Nonfirm Energy</b>				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
<b>Ancillary Services</b>				
Generation Supported (e.g. VAR Support, Reserves)	180,000	Generation	180,000	0
Transmission Supported (e.g. Scheduling Service)	2,500	Transmission	0	2,500
<b>Miscellaneous</b>				
Facilities Use Charges	880,000	Transmission	0	880,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	2,700	Generation	2,700	0
Transfers from Other Western Projects	<u>280,773</u>	Transmission	<u>0</u>	<u>280,773</u>
Total Annual Other Revenues	<u>7,945,973</u>		<u>182,700</u>	<u>7,763,273</u>
	100%		2.3%	97.7%
Net Expenses Before Carryover	63,877,307		16,585,704	47,291,602
Carryover Application	(7,952,116)		(3,703,298)	(4,248,818)
Net Expenses After Carryover	55,925,192		12,882,407	43,042,784

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**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	----- 8,500	----- 100%

<b>Customers</b>		
	Count	Percentage
Transmission	56	60.87%
Generation	36	39.13%
	----- 92	----- 100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	203,481	1,071,533
Firm Electric Service - Non-AOF	30,363	158,245
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	----- 2,575,598	----- 0
	----- 2,846,745	----- 1,425,045

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FY2014**

<b>Annual Expenses</b>	Total	Allocation Factor	Generation	Transmission
<b>Western O&amp;M</b>				
Systemwide Expenses	5,018,209	Customers/Gen/Tran	1,818,414	3,199,795
Substation & Transmission Lines	16,630,165	Transmission	0	16,630,165
Communication & Control Equipment	1,668,700	SCADA	17,865	1,650,835
System Operation & Load Dispatch	5,150,462	SCADA/Tran	50,582	5,099,880
Subtotal Western O&M	<u>28,467,536</u>		<u>1,886,861</u>	<u>26,580,675</u>
	100%		6.6%	93.4%
<b>Western General Expenses</b>				
Western General Expenses	6,825,731	% of Subtotal	452,417	6,373,314
Bureau of Reclamation O&M	8,110,500	Generation	8,110,500	0
Purchase Power	2,257,666	Gen & Tran	500,000	1,757,666
Capitalized Movable Equipment	1,163,450	% of Subtotal	77,114	1,086,336
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,083,326)	Transmission	(3,780)	(2,079,546)
Bureau of Reclamation Replacements	1,662,000	Generation	1,662,000	0
Principal/Interest Payments - Reclamation	83,947	Generation	83,947	0
Principal/Interest Payments - Western	22,834,281	Transmission	0	22,834,281
Total Annual Gross Expenses	<u>69,321,785</u>		<u>12,769,059</u>	<u>56,552,725</u>
	100%		18.4%	81.6%
<b>Other Revenues</b>				
<b>Transmission</b>				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	2,300,000	Transmission	0	2,300,000
<b>Nonfirm Energy</b>				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
<b>Ancillary Services</b>				
Generation Supported (e.g. VAR Support, Reserves)	180,000	Generation	180,000	0
Transmission Supported (e.g. Scheduling Service)	2,500	Transmission	0	2,500
<b>Miscellaneous</b>				
Facilities Use Charges	880,000	Transmission	0	880,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	2,700	Generation	2,700	0
Transfers from Other Western Projects	275,547	Transmission	0	275,547
Total Annual Other Revenues	<u>7,940,747</u>		<u>182,700</u>	<u>7,758,047</u>
	100%		2.3%	97.7%
Net Expenses Before Carryover	61,381,038		12,586,359	48,794,678
Carryover Application	(1,864,846)		296,048	(2,160,893)
Net Expenses After Carryover	59,516,192		12,882,407	46,633,784

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2014**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	----- 8,500	----- 100%

<b>Customers</b>		
	Count	Percentage
Transmission	58	61.70%
Generation	36	38.30%
	----- 94	----- 100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	203,481	1,071,533
Firm Electric Service - Non-AOF	30,363	158,245
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,813,098	0
	----- 3,084,245	----- 1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2015**

<b>Annual Expenses</b>	Total	Allocation Factor	Generation	Transmission
<b>Western O&amp;M</b>				
Systemwide Expenses	5,118,573	Customers/Gen/Tran	1,854,781	3,263,792
Substation & Transmission Lines	16,962,769	Transmission	0	16,962,769
Communication & Control Equipment	1,702,074	SCADA	18,222	1,683,852
System Operation & Load Dispatch	5,253,472	SCADA/Tran	51,595	5,201,877
Subtotal Western O&M	<u>29,036,888</u>		<u>1,924,598</u>	<u>27,112,290</u>
	100%		6.6%	93.4%
<b>Western General Expenses</b>				
Western General Expenses	6,927,447	% of Subtotal	459,159	6,468,288
Bureau of Reclamation O&M	8,070,500	Generation	8,070,500	0
Purchase Power	2,257,666	Gen & Tran	500,000	1,757,666
Capitalized Movable Equipment	1,163,450	% of Subtotal	77,114	1,086,336
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,103,187)	Transmission	(3,993)	(2,099,194)
Bureau of Reclamation Replacements	3,038,000	Generation	3,038,000	0
Principal/Interest Payments - Reclamation	84,104	Generation	84,104	0
Principal/Interest Payments - Western	23,203,853	Transmission	0	23,203,853
Total Annual Gross Expenses	<u>71,678,721</u>		<u>14,149,482</u>	<u>57,529,239</u>
	100%		19.7%	80.3%
<b>Other Revenues</b>				
<b>Transmission</b>				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	2,300,000	Transmission	0	2,300,000
<b>Nonfirm Energy</b>				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
<b>Ancillary Services</b>				
Generation Supported (e.g. VAR Support, Reserves)	180,000	Generation	180,000	0
Transmission Supported (e.g. Scheduling Service)	2,500	Transmission	0	2,500
<b>Miscellaneous</b>				
Facilities Use Charges	880,000	Transmission	0	880,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	2,700	Generation	2,700	0
Transfers from Other Western Projects	270,001	Transmission	0	270,001
Total Annual Other Revenues	<u>7,935,201</u>		<u>182,700</u>	<u>7,752,501</u>
	100%		2.3%	97.7%
Net Expenses Before Carryover	63,743,520		13,966,782	49,776,738
Carryover Application	(3,584,729)		(1,084,375)	(2,500,353)
Net Expenses After Carryover	60,158,792		12,882,407	47,276,384

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2015**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	----- 8,500	----- 100%

<b>Customers</b>		
	Count	Percentage
Transmission	58	61.70%
Generation	36	38.30%
	----- 94	----- 100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	203,481	1,071,533
Firm Electric Service - Non-AOF	30,363	158,245
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,855,598	0
	----- 3,126,745	----- 1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2016**

<b>Annual Expenses</b>	Total	Allocation Factor	Generation	Transmission
<b>Western O&amp;M</b>				
Systemwide Expenses	5,220,942	Customers/Gen/Tran	1,891,876	3,329,066
Substation & Transmission Lines	17,302,025	Transmission	0	17,302,025
Communication & Control Equipment	1,736,115	SCADA	18,587	1,717,528
System Operation & Load Dispatch	5,358,542	SCADA/Tran	52,626	5,305,916
Subtotal Western O&M	<u>29,617,624</u>		<u>1,963,089</u>	<u>27,654,535</u>
	100%		6.6%	93.4%
<b>Western General Expenses</b>				
Western General Expenses	7,031,197	% of Subtotal	466,036	6,565,161
Bureau of Reclamation O&M	7,781,865	Generation	7,781,865	0
Purchase Power	2,257,666	Gen & Tran	500,000	1,757,666
Capitalized Movable Equipment	1,163,450	% of Subtotal	77,114	1,086,336
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,123,047)	Transmission	(4,206)	(2,118,841)
Bureau of Reclamation Replacements	3,000,000	Generation	3,000,000	0
Principal/Interest Payments - Reclamation	84,684	Generation	84,684	0
Principal/Interest Payments - Western	25,564,360	Transmission	0	25,564,360
Total Annual Gross Expenses	<u>74,377,799</u>		<u>13,868,582</u>	<u>60,509,217</u>
	100%		18.6%	81.4%
<b>Other Revenues</b>				
<b>Transmission</b>				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	2,300,000	Transmission	0	2,300,000
<b>Nonfirm Energy</b>				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
<b>Ancillary Services</b>				
Generation Supported (e.g. VAR Support, Reserves)	180,000	Generation	180,000	0
Transmission Supported (e.g. Scheduling Service)	2,500	Transmission	0	2,500
<b>Miscellaneous</b>				
Facilities Use Charges	880,000	Transmission	0	880,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	2,700	Generation	2,700	0
Transfers from Other Western Projects	264,131	Transmission	0	264,131
Total Annual Other Revenues	<u>7,929,331</u>		<u>182,700</u>	<u>7,746,631</u>
	100%		2.3%	97.7%
Net Expenses Before Carryover	66,448,468		13,685,882	52,762,586
Carryover Application	(6,289,676)		(803,475)	(5,486,201)
Net Expenses After Carryover	60,158,792		12,882,407	47,276,384

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FY2016**

**Cost Allocation Factors & Rate Design Loads**

<b>SCADA Points</b>		
	Number	Percentage
Generation	91	1.071%
Transmission	8,409	98.929%
	----- 8,500	----- 100%

<b>Customers</b>		
	Count	Percentage
Transmission	58	61.70%
Generation	36	38.30%
	----- 94	----- 100%

<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	203,481	1,071,533
Firm Electric Service - Non-AOF	30,363	158,245
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,855,598	0
	----- 3,126,745	----- 1,425,045

**PARKER-DAVIS PROJECT  
COST APPORTIONMENT STUDY  
FY2017**

<b>Annual Expenses</b>	Total	Allocation Factor	Generation	Transmission
Western O&M				
Systemwide Expenses	5,325,362	Customers/Gen/Tran	1,929,715	3,395,647
Substation & Transmission Lines	17,648,065	Transmission	0	17,648,065
Communication & Control Equipment	1,770,837	SCADA	18,958	1,751,879
System Operation & Load Dispatch	5,465,713	SCADA/Tran	53,680	5,412,033
Subtotal Western O&M	<u>30,209,977</u>		<u>2,002,353</u>	<u>28,207,624</u>
	100%		6.6%	93.4%
Western General Expenses	7,137,022	% of Subtotal	473,050	6,663,972
Bureau of Reclamation O&M	7,904,571	Generation	7,904,571	(0)
Purchase Power	2,257,666	Gen & Tran	500,000	1,757,666
Capitalized Movable Equipment	1,163,450	% of Subtotal	77,114	1,086,336
Multi-Project (SCADA, Mead, Phoenix Service Center)	(2,142,908)	Transmission	(4,418)	(2,138,490)
Bureau of Reclamation Replacements	3,250,000	Generation	3,250,000	0
Principal/Interest Payments - Reclamation	85,399	Generation	85,399	0
Principal/Interest Payments - Western	27,530,505	Transmission	0	27,530,505
Total Annual Gross Expenses	<u>77,395,683</u>		<u>14,288,069</u>	<u>63,107,613</u>
	100%		18.5%	81.5%
<b>Other Revenues</b>				
Transmission				
Nonfirm/Short-Term Firm (OASIS)	4,300,000	Transmission	0	4,300,000
Losses	1,395,864	Transmission	0	1,395,864
Nonfirm Energy				
Other	0	Generation	0	0
Surplus / Excess	0	Generation	0	0
Ancillary Services				
Generation Supported (e.g. VAR Support, Reserves)	165,831	Generation	165,831	0
Transmission Supported (e.g. Scheduling Service)	2,500	Transmission	0	2,500
Miscellaneous				
Facilities Use Charges	880,000	Transmission	0	880,000
Western Miscellaneous	0	Transmission	0	0
Reclamation Miscellaneous	2,700	Generation	2,700	0
Transfers from Other Western Projects	257,938	Transmission	0	257,938
Total Annual Other Revenues	<u>7,004,833</u>		<u>168,531</u>	<u>6,836,302</u>
	100%		2.4%	97.6%
Net Expenses Before Carryover	70,390,850		14,119,538	56,271,311
Carryover Application	(10,232,058)		(1,237,131)	(8,994,927)
Net Expenses After Carryover	60,158,792		12,882,407	47,276,384

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

<b>Customers</b>		
	Count	Percentage
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<b>Rate Design Loads</b>		
	Avg CROD kW	Energy MWh
Firm Electric Service - AOF	203,481	1,071,533
Firm Electric Service - Non-AOF	30,363	158,245
Firm Electric Service - Project Use	37,303	195,267
Firm Transmission	2,855,598	0
	----- 3,126,745	----- 1,425,045