

PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2027

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	0 kW	0 MWh
Total	233,844 kW	1,229,778 MWh

Transmission Delivery Commitments		
Firm Electric Service	233,844 kW	
Priority Use Power	0 kW	
Firm Transmission Service	2,534,013 kW	
Total	2,767,857 kW	

Generation Revenue Requirement		
Firm Electric Service	\$36,130,878	
*Aggregate Power Managers	\$0	
Total	\$36,130,878	

Transmission Revenue Requirement		
Firm Electric Service	\$6,009,791	
*Aggregate Power Managers	\$0	
Firm Transmission Service	\$65,124,134	
Total	\$71,133,925	

Aggregate Power Managers			* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP). **The Bureau of Reclamation determines the PUP revenue requirement, which the PUP customers are obligated to pay through a power rate. The PUP rate for the previous year, 17.48 mills/kWh, is used as an estimate. The APMs agreed via contract to make contributory payment to make up the difference, if any, between the PUP rate set by BOR and total funding Parties' obligation.
Generation Revenue Requirement		\$0	
Transmission Revenue Requirement		\$0	
Total		\$0	
**Priority Use Power Revenue	17.48 mills/kWh	\$0	
APM Contributory Payment (estimated using prior year PUP Rate)			\$0

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$36,130,878 * 0.5}{233,844 \text{ kW}} =$	\$77.25 kW-Year \$6.44 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$36,130,878 * 0.5}{1,229,778 \text{ MWh}} =$	14.69 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$36,130,878}{1,229,778 \text{ MWh}} =$	29.38 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$36,130,878 + \$4,938,785}{1,229,778 \text{ MWh}} =$	34.27 Mills/kWh

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE³

Arizona	4.50 Mills/kWh
California & Nevada	2.50 Mills/kWh

/1 The numerator of the rate formula is the firm transmission rate (kW-YR) shown above

/2 The numerator of the rate formula is the generation revenue requirement plus the FES/APM share of the transmission revenue requirement

/3 This charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)



PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2028

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	0 kW	0 MWh
Total	233,844 kW	1,229,778 MWh

Generation Revenue Requirement		
Firm Electric Service	\$37,778,780	
*Aggregate Power Managers	\$0	
Total	\$37,778,780	

Transmission Delivery Commitments		
Firm Electric Service	233,844 kW	
Priority Use Power	0 kW	
Firm Transmission Service	2,534,013 kW	
Total	2,767,857 kW	

Transmission Revenue Requirement		
Firm Electric Service	\$6,264,681	
*Aggregate Power Managers	\$0	
Firm Transmission Service	\$67,886,208	
Total	\$74,150,889	

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$37,778,780 * 0.5}{233,844 \text{ kW}} =$	\$80.78 kW-Year \$6.73 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$37,778,780 * 0.5}{1,229,778 \text{ MWh}} =$	15.36 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$37,778,780}{1,229,778 \text{ MWh}} =$	30.72 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$37,778,780 + \$4,938,785}{1,229,778 \text{ MWh}} =$	35.81 Mills/kWh

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE³

Arizona	4.50 Mills/kWh
California & Nevada	2.50 Mills/kWh

/1 The numerator of the rate formula is the firm transmission rate (kW-YR) shown above

/2 The numerator of the rate formula is the generation revenue requirement plus the FES/APM share of the transmission revenue requirement

/3 This charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)



PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2029

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	0 kW	0 MWh
Total	233,844 kW	1,229,778 MWh

Generation Revenue Requirement		
Firm Electric Service	\$25,468,702	
*Aggregate Power Managers	\$0	
Total	\$25,468,702	

Transmission Delivery Commitments		
Firm Electric Service	233,844 kW	
Priority Use Power	0 kW	
Firm Transmission Service	2,534,013 kW	
Total	2,767,857 kW	

Transmission Revenue Requirement		
Firm Electric Service	\$6,491,509	
*Aggregate Power Managers	\$0	
Firm Transmission Service	\$70,344,201	
Total	\$76,835,710	

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$25,468,702 * 0.5}{233,844 \text{ kW}} =$	\$54.46 kW-Year \$4.54 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$25,468,702 * 0.5}{1,229,778 \text{ MWh}} =$	10.36 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$25,468,702}{1,229,778 \text{ MWh}} =$	20.71 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$25,468,702 + \$4,938,785}{1,229,778 \text{ MWh}} =$	25.99 Mills/kWh

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE³

Arizona	4.50 Mills/kWh
California & Nevada	2.50 Mills/kWh

/1 The numerator of the rate formula is the firm transmission rate (kW-YR) shown above

/2 The numerator of the rate formula is the generation revenue requirement plus the FES/APM share of the transmission revenue requirement

/3 This charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)



PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2030

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	0 kW	0 MWh
Total	233,844 kW	1,229,778 MWh

Generation Revenue Requirement		
Firm Electric Service	\$25,714,658	
*Aggregate Power Managers	\$0	
Total	\$25,714,658	

Transmission Delivery Commitments		
Firm Electric Service	233,844 kW	
Priority Use Power	0 kW	
Firm Transmission Service	2,534,013 kW	
Total	2,767,857 kW	

Transmission Revenue Requirement		
Firm Electric Service	\$6,811,876	
*Aggregate Power Managers	\$0	
Firm Transmission Service	\$73,815,799	
Total	\$80,627,674	

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$25,714,658 * 0.5}{233,844 \text{ kW}} =$	\$54.98 kW-Year \$4.58 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$25,714,658 * 0.5}{1,229,778 \text{ MWh}} =$	10.46 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$25,714,658}{1,229,778 \text{ MWh}} =$	20.91 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$25,714,658 + \$4,938,785}{1,229,778 \text{ MWh}} =$	26.45 Mills/kWh

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE³

Arizona	4.50 Mills/kWh
California & Nevada	2.50 Mills/kWh

/1 The numerator of the rate formula is the firm transmission rate (kW-YR) shown above

/2 The numerator of the rate formula is the generation revenue requirement plus the FES/APM share of the transmission revenue requirement

/3 This charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)



PARKER-DAVIS PROJECT COST APPORTIONMENT STUDY

FY 2031

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	0 kW	0 MWh
Total	233,844 kW	1,229,778 MWh

Generation Revenue Requirement	
Firm Electric Service	\$27,030,520
*Aggregate Power Managers	\$0
Total	\$27,030,520

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	0 kW
Firm Transmission Service	2,534,013 kW
Total	2,767,857 kW

Transmission Revenue Requirement	
Firm Electric Service	\$7,396,486
*Aggregate Power Managers	\$0
Firm Transmission Service	\$80,150,831
Total	\$87,547,317

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$27,030,520 * 0.5}{233,844 \text{ kW}} =$	\$57.80 kW-Year \$4.82 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$27,030,520 * 0.5}{1,229,778 \text{ MWh}} =$	10.99 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$27,030,520}{1,229,778 \text{ MWh}} =$	21.98 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$27,030,520 + \$4,938,785}{1,229,778 \text{ MWh}} =$	27.99 Mills/kWh

LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE³

Arizona	4.50 Mills/kWh
California & Nevada	2.50 Mills/kWh

/1 The numerator of the rate formula is the firm transmission rate (kW-YR) shown above

/2 The numerator of the rate formula is the generation revenue requirement plus the FES/APM share of the transmission revenue requirement

/3 This charge is to be assessed commencing June 1, 2005, per Section 102(c) of the Hoover Power Plant Act of 1984 (Public Law 98-381)

