

**PARKER-DAVIS PROJECT
RATE DESIGN**

FY 2023

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	37,303 kW	195,267 MWh
Total	271,147 kW	1,425,045 MWh

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,276,594 kW
Total	2,547,741 kW

Generation Revenue Requirement	
Firm Electric Service	\$21,839,236
*Aggregate Power Managers	\$3,483,814
Total	\$25,323,050

Transmission Revenue Requirement	
Firm Electric Service	\$5,303,582
*Aggregate Power Managers	\$846,032
Firm Transmission Service	\$51,633,152
Total	\$57,782,766

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, 16.62 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	\$3,483,814	
Transmission Revenue Requirement	\$846,032	
Total	\$4,329,846	
**Priority Use Power Revenue	16.62 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,084,508	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$57,782,766}{2,547,741 \text{ kW}}$	=	\$22.68 kW-Year \$1.89 kW-Month \$0.44 kW-Week \$0.06 kW-Day \$0.00259 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$22.68}{2}$	=	\$11.34 kW-Season \$1.89 kW-Month
Nonfirm Transmission Rate ¹	$1,000 * \frac{\$22.68}{8,760}$	=	2.59 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$25,323,050 * 0.5}{271,147 \text{ kW}}$	=	\$46.70 kW-Year \$3.89 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$25,323,050 * 0.5}{1,425,045 \text{ MWh}}$	=	8.89 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$25,323,050}{1,425,045 \text{ MWh}}$	=	17.77 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$25,323,050 + \$6,149,614}{1,425,045 \text{ MWh}}$	=	22.09 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
RATE DESIGN**

FY 2024

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	37,303 kW	195,267 MWh
Total	271,147 kW	1,425,045 MWh

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,332,428 kW
Total	2,603,575 kW

Generation Revenue Requirement	
Firm Electric Service	\$22,945,250
*Aggregate Power Managers	\$3,660,246
Total	\$26,605,496

Transmission Revenue Requirement	
Firm Electric Service	\$5,471,958
*Aggregate Power Managers	\$872,892
Firm Transmission Service	\$54,578,899
Total	\$60,923,749

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, 16.62 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	\$3,660,246	
Transmission Revenue Requirement	\$872,892	
Total	\$4,533,138	
**Priority Use Power Revenue	16.62 mills/kWh	\$3,245,338
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,287,800	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$60,923,749}{2,603,575 \text{ kW}}$	=	\$23.40 kW-Year \$1.95 kW-Month \$0.45 kW-Week \$0.06 kW-Day \$0.00267 kWh
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Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$23.40}{2}$	=	\$11.70 kW-Season \$1.95 kW-Month
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Nonfirm Transmission Rate ¹	$1,000 * \frac{\$23.40}{8,760}$	=	2.67 Mills/kWh
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Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$26,605,496 * 0.5}{271,147 \text{ kW}}$	=	\$49.06 kW-Year \$4.09 kW-Month
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Energy Charge for Firm Electric Service	$\frac{\$26,605,496 * 0.5}{1,425,045 \text{ MWh}}$	=	9.33 Mills/kWh
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Composite Rate without Transmission (Illustrative Only)	$\frac{\$26,605,496}{1,425,045 \text{ MWh}}$	=	18.67 Mills/kWh
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Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$26,605,496 + \$6,344,840}{1,425,045 \text{ MWh}}$	=	23.12 Mills/kWh
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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
RATE DESIGN**

FY 2025

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	37,303 kW	195,267 MWh
Total	271,147 kW	1,425,045 MWh

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,332,428 kW
Total	2,603,575 kW

Generation Revenue Requirement	
Firm Electric Service	\$23,141,861
*Aggregate Power Managers	\$3,691,610
Total	\$26,833,471

Transmission Revenue Requirement	
Firm Electric Service	\$5,612,267
*Aggregate Power Managers	\$895,274
Firm Transmission Service	\$55,978,385
Total	\$62,485,926

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, 16.62 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	\$3,691,610	
Transmission Revenue Requirement	\$895,274	
Total	\$4,586,884	
**Priority Use Power Revenue	16.62 mills/kWh \$3,245,338	
APM Contributory Payment (estimated using prior year PUP Rate)		\$1,341,546

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$62,485,926}{2,603,575 \text{ kW}} =$	\$24.00 kW-Year \$2.00 kW-Month \$0.46 kW-Week \$0.07 kW-Day \$0.00274 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$24.00}{2} =$	\$12.00 kW-Season \$2.00 kW-Month
Nonfirm Transmission Rate ¹	1,000 * $\frac{\$24.00}{8,760} =$	2.74 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$26,833,471 * 0.5}{271,147 \text{ kW}} =$	\$49.48 kW-Year \$4.12 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$26,833,471 * 0.5}{1,425,045 \text{ MWh}} =$	9.41 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$26,833,471}{1,425,045 \text{ MWh}} =$	18.83 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$26,833,471 + \$6,507,528}{1,425,045 \text{ MWh}} =$	23.40 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
RATE DESIGN**

FY 2026

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	37,303 kW	195,267 MWh
Total	271,147 kW	1,425,045 MWh

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,332,428 kW
Total	2,603,575 kW

Generation Revenue Requirement	
Firm Electric Service	\$23,670,334
*Aggregate Power Managers	\$3,775,912
Total	\$27,446,246

Transmission Revenue Requirement	
Firm Electric Service	\$5,724,512
*Aggregate Power Managers	\$913,179
Firm Transmission Service	\$57,097,946
Total	\$63,735,638

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, 16.62 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	\$3,775,912	
Transmission Revenue Requirement	\$913,179	
Total	\$4,689,091	
**Priority Use Power Revenue	16.62 mills/kWh \$3,245,338	
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,443,753	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$63,735,638}{2,603,575 \text{ kW}}$	=	\$24.48 kW-Year \$2.04 kW-Month \$0.47 kW-Week \$0.07 kW-Day \$0.00279 kWh
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Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$24.48}{2}$	=	\$12.24 kW-Season \$2.04 kW-Month
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Nonfirm Transmission Rate ¹	$1,000 * \frac{\$24.48}{8,760}$	=	2.79 Mills/kWh
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Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$27,446,246 * 0.5}{271,147 \text{ kW}}$	=	\$50.61 kW-Year \$4.22 kW-Month
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Energy Charge for Firm Electric Service	$\frac{\$27,446,246 * 0.5}{1,425,045 \text{ MWh}}$	=	9.63 Mills/kWh
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Composite Rate without Transmission (Illustrative Only)	$\frac{\$27,446,246}{1,425,045 \text{ MWh}}$	=	19.26 Mills/kWh
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Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$27,446,246 + \$6,637,679}{1,425,045 \text{ MWh}}$	=	23.92 Mills/kWh
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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
RATE DESIGN**

FY 2027

Generation Delivery Commitments		
Firm Electric Service	233,844 kW	1,229,778 MWh
Priority Use Power	37,303 kW	195,267 MWh
Total	271,147 kW	1,425,045 MWh

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,332,428 kW
Total	2,603,575 kW

Generation Revenue Requirement	
Firm Electric Service	\$24,370,965
*Aggregate Power Managers	\$3,887,678
Total	\$28,258,642

Transmission Revenue Requirement	
Firm Electric Service	\$6,033,175
*Aggregate Power Managers	\$962,417
Firm Transmission Service	\$60,176,644
Total	\$67,172,237

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, 16.62 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	\$3,887,678	
Transmission Revenue Requirement	\$962,417	
Total	\$4,850,095	
**Priority Use Power Revenue	16.62 mills/kWh \$3,245,338	
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,604,757	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$67,172,237}{2,603,575 \text{ kW}}$	=	\$25.80 kW-Year \$2.15 kW-Month \$0.50 kW-Week \$0.07 kW-Day \$0.00295 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$25.80}{2}$	=	\$12.90 kW-Season \$2.15 kW-Month
Nonfirm Transmission Rate ¹	1,000 * $\frac{\$25.80}{8,760}$	=	2.95 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$28,258,642 * 0.5}{271,147 \text{ kW}}$	=	\$52.11 kW-Year \$4.34 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$28,258,642 * 0.5}{1,425,045 \text{ MWh}}$	=	9.91 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$28,258,642}{1,425,045 \text{ MWh}}$	=	19.83 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$28,258,642 + \$6,995,593}{1,425,045 \text{ MWh}}$	=	24.74 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)

