

**PARKER-DAVIS PROJECT
RATE DESIGN**

FY2020

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	2,331,971 kW
Total	2,603,118 kW

Generation Revenue Requirement	
Firm Electric Service	\$15,940,061
*Aggregate Power Managers	\$2,542,773
Total	\$18,482,834

Transmission Revenue Requirement	
Firm Electric Service	\$4,630,111
*Aggregate Power Managers	\$738,599
Firm Transmission Service	\$46,173,026
Total	\$51,541,736

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, 14.86 mills/kWh, is used as an estimate. The APMs agreed via
Generation Revenue Requirement	\$2,542,773	
Transmission Revenue Requirement	\$738,599	
Total	\$3,281,372	
**Priority Use Power Revenue	14.86 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$379,704	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$51,541,736}{2,603,118 \text{ kW}}$	=	\$19.80 kW-Year \$1.65 kW-Month \$0.38 kW-Week \$0.05 kW-Day \$0.00226 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$19.80}{2}$	=	\$9.90 kW-Season \$1.65 kW-Month
Nonfirm Transmission Rate ¹	1,000 * $\frac{\$19.80}{8,760}$	=	2.26 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$18,482,834 * 0.5}{271,147 \text{ kW}}$	=	\$34.08 kW-Year \$2.84 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$18,482,834 * 0.5}{1,425,045 \text{ MWh}}$	=	6.49 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$18,482,834}{1,425,045 \text{ MWh}}$	=	12.97 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$18,482,834 + \$5,368,711}{1,425,045 \text{ MWh}}$	=	16.74 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)



**PARKER-DAVIS PROJECT
RATE DESIGN**

FY2021

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	2,331,971 kW		
Total	2,603,118 kW		

Generation Revenue Requirement	
Firm Electric Service	\$16,616,008
*Aggregate Power Managers	\$2,650,600
Total	\$19,266,608

Transmission Revenue Requirement	
Firm Electric Service	\$4,854,601
*Aggregate Power Managers	\$774,410
Firm Transmission Service	\$48,411,718
Total	\$54,040,730

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement	\$2,650,600	
Transmission Revenue Requirement	\$774,410	
Total	\$3,425,010	
**Priority Use Power Revenue	14.86 mills/kWh	**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, 14.86 mills/kWh, is used as an estimate. The APMs agreed via
APM Contributory Payment (estimated using prior year PUP Rate)	\$523,342	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$54,040,730}{2,603,118 \text{ kW}}$	=	\$20.76 kW-Year \$1.73 kW-Month \$0.40 kW-Week \$0.06 kW-Day \$0.00237 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$20.76}{2}$	=	\$10.38 kW-Season \$1.73 kW-Month
Nonfirm Transmission Rate ¹	$1,000 * \frac{\$20.76}{8,760}$	=	2.37 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$19,266,608 * 0.5}{271,147 \text{ kW}}$	=	\$35.53 kW-Year \$2.96 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$19,266,608 * 0.5}{1,425,045 \text{ MWh}}$	=	6.76 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$19,266,608}{1,425,045 \text{ MWh}}$	=	13.52 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$19,266,608 + \$5,629,012}{1,425,045 \text{ MWh}}$	=	17.47 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**

FY2022

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	2,431,971 kW		
Total	2,703,118 kW		

Generation Revenue Requirement	
Firm Electric Service	\$17,291,955
*Aggregate Power Managers	\$2,758,428
Total	\$20,050,383

Transmission Revenue Requirement	
Firm Electric Service	\$5,079,092
*Aggregate Power Managers	\$810,221
Firm Transmission Service	\$52,822,410
Total	\$58,711,723

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, 14.86 mills/kWh, is used as an estimate. The APMs agreed via
Generation Revenue Requirement	\$2,758,428	
Transmission Revenue Requirement	\$810,221	
Total	\$3,568,649	
**Priority Use Power Revenue	14.86 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$666,981	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$58,711,723}{2,703,118 \text{ kW}}$	=	\$21.72 kW-Year \$1.81 kW-Month \$0.42 kW-Week \$0.06 kW-Day \$0.00248 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$21.72}{2}$	=	\$10.86 kW-Season \$1.81 kW-Month
Nonfirm Transmission Rate ¹	$1,000 * \frac{\$21.72}{8,760}$	=	2.48 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$20,050,383 * 0.5}{271,147 \text{ kW}}$	=	\$36.97 kW-Year \$3.08 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,050,383 * 0.5}{1,425,045 \text{ MWh}}$	=	7.04 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,050,383}{1,425,045 \text{ MWh}}$	=	14.07 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$20,050,383 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.20 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**

FY2023

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	2,431,971 kW		
Total	2,703,118 kW		

Generation Revenue Requirement	
Firm Electric Service	\$17,967,902
*Aggregate Power Managers	\$2,866,256
Total	\$20,834,158

Transmission Revenue Requirement	
Firm Electric Service	\$5,303,582
*Aggregate Power Managers	\$846,032
Firm Transmission Service	\$55,157,102
Total	\$61,306,716

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement	\$2,866,256	
Transmission Revenue Requirement	\$846,032	
Total	\$3,712,288	
**Priority Use Power Revenue	14.86 mills/kWh	**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, 14.86 mills/kWh, is used as an estimate. The APMs agreed via
APM Contributory Payment (estimated using prior year PUP Rate)	\$810,620	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$61,306,716}{2,703,118 \text{ kW}}$	=	\$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	$\frac{\$20,834,158 * 0.5}{271,147 \text{ kW}}$	=	\$38.42 kW-Year \$3.20 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,834,158 * 0.5}{1,425,045 \text{ MWh}}$	=	7.31 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,834,158}{1,425,045 \text{ MWh}}$	=	14.62 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$20,834,158 + \$6,149,614}{1,425,045 \text{ MWh}}$	=	18.94 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**

FY2024

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	2,431,971 kW	
Total	2,703,118 kW	

Generation Revenue Requirement	
Firm Electric Service	\$18,643,849
*Aggregate Power Managers	\$2,974,083
Total	\$21,617,933

Transmission Revenue Requirement	
Firm Electric Service	\$5,528,072
*Aggregate Power Managers	\$881,843
Firm Transmission Service	\$57,491,794
Total	\$63,901,710

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, 14.86 mills/kWh, is used as an estimate. The APMs agreed via
Generation Revenue Requirement	\$2,974,083	
Transmission Revenue Requirement	\$881,843	
Total	\$3,855,926	
**Priority Use Power Revenue	14.86 mills/kWh \$2,901,668	
APM Contributory Payment (estimated using prior year PUP Rate)	\$954,258	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$63,901,710}{2,703,118 \text{ kW}}$	=	\$23.64 kW-Year \$1.97 kW-Month \$0.45 kW-Week \$0.06 kW-Day \$0.00270 kWh
Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$23.64}{2}$	=	\$11.82 kW-Season \$1.97 kW-Month
Nonfirm Transmission Rate ¹	$1,000 * \frac{\$23.64}{8,760}$	=	2.70 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service	$\frac{\$21,617,933 * 0.5}{271,147 \text{ kW}}$	=	\$39.86 kW-Year \$3.32 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$21,617,933 * 0.5}{1,425,045 \text{ MWh}}$	=	7.59 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$21,617,933}{1,425,045 \text{ MWh}}$	=	15.17 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$21,617,933 + \$6,409,915}{1,425,045 \text{ MWh}}$	=	19.67 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)

