

**PARKER-DAVIS PROJECT  
RATE DESIGN**

**Leveled Option 2**

**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	\$16,038,381
*Aggregate Power Managers	\$2,558,457
Total	\$18,596,837

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).	
Generation Revenue Requirement	\$2,558,457	**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, 13.9 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.	
Transmission Revenue Requirement	\$738,599		
Total	\$3,297,056		
**Priority Use Power Revenue	13.90 mills/kWh	\$2,714,211	
APM Contributory Payment (estimated using prior year PUP Rate)		\$582,845	

**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 <sup>1</sup>		$\frac{\$19.80}{2}$	=	\$9.90 kW-Season \$1.65 kW-Month
Nonfirm Transmission Rate <sup>1</sup>	1,000 *	$\frac{\$19.80}{8,760}$	=	2.26 Mills/kWh

**Generation Rates and Charges**

Capacity Charge for Firm Electric Service		$\frac{\$18,596,837 * 0.5}{271,147 \text{ kW}}$	=	\$34.29 kW-Year \$2.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$18,596,837 * 0.5}{1,425,045 \text{ MWh}}$	=	6.53 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$18,596,837}{1,425,045 \text{ MWh}}$	=	13.05 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>		$\frac{\$18,596,837 + \$5,368,711}{1,425,045 \text{ MWh}}$	=	16.82 Mills/kWh

**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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

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

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

<sup>3</sup> 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**

**Leveled Option 2**

**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	\$16,714,328
*Aggregate Power Managers	\$2,666,284
Total	\$19,380,612

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).  **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, 13.9 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	\$2,666,284	
Transmission Revenue Requirement	\$774,410	
Total	\$3,440,694	
**Priority Use Power Revenue	13.90 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$726,483	

**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 <sup>1</sup>	$\frac{\$20.76}{2}$	=	\$10.38 kW-Season \$1.73 kW-Month
Nonfirm Transmission Rate <sup>1</sup>	$1,000 * \frac{\$20.76}{8,760}$	=	2.37 Mills/kWh

**Generation Rates and Charges**

Capacity Charge for Firm Electric Service	$\frac{\$19,380,612 * 0.5}{271,147 \text{ kW}}$	=	\$35.74 kW-Year \$2.98 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$19,380,612 * 0.5}{1,425,045 \text{ MWh}}$	=	6.80 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$19,380,612}{1,425,045 \text{ MWh}}$	=	13.60 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$19,380,612 + \$5,629,012}{1,425,045 \text{ MWh}}$	=	17.55 Mills/kWh

**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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

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

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

<sup>3</sup> 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**

**Leveled Option 2**

**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	\$17,390,275		
*Aggregate Power Managers	\$2,774,112		
Total	\$20,164,387		

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			
Generation Revenue Requirement	\$2,774,112		
Transmission Revenue Requirement	\$810,221		
Total	\$3,584,333		
**Priority Use Power Revenue	13.90 mills/kWh	\$2,714,211	
APM Contributory Payment (estimated using prior year PUP Rate)		\$870,122	

\* 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, 13.9 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.

**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 <sup>1</sup>		$\frac{\$21.72}{2}$	=	\$10.86 kW-Season \$1.81 kW-Month
Nonfirm Transmission Rate <sup>1</sup>	1,000 *	$\frac{\$21.72}{8,760}$	=	2.48 Mills/kWh

**Generation Rates and Charges**

Capacity Charge for Firm Electric Service		$\frac{\$20,164,387 * 0.5}{271,147 \text{ kW}}$	=	\$37.18 kW-Year \$3.10 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$20,164,387 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$20,164,387}{1,425,045 \text{ MWh}}$	=	14.15 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>		$\frac{\$20,164,387 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.28 Mills/kWh

**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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

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

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

<sup>3</sup> 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  
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**Leveled Option 2**

**FY2023**

<b>Generation Delivery Commitments</b>			
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	

<b>Transmission Delivery Commitments</b>			
Firm Electric Service	233,844 kW		
Priority Use Power	37,303 kW		
Firm Transmission Service	2,431,971 kW		
Total	2,703,118 kW		

<b>Generation Revenue Requirement</b>			
Firm Electric Service	\$18,066,222		
*Aggregate Power Managers	\$2,881,940		
Total	\$20,948,162		

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

<b>Aggregate Power Managers</b>				* 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, 13.9 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	\$2,881,940			
Transmission Revenue Requirement	\$846,032			
Total	\$3,727,972			
**Priority Use Power Revenue	13.90 mills/kWh			
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,013,761			

**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 <sup>1</sup>		$\frac{\$22.68}{2}$	=	\$11.34 kW-Season \$1.89 kW-Month
Nonfirm Transmission Rate <sup>1</sup>	1,000 *	$\frac{\$22.68}{8,760}$	=	2.59 Mills/kWh

**Generation Rates and Charges**

Capacity Charge for Firm Electric Service		$\frac{\$20,948,162 * 0.5}{271,147 \text{ kW}}$	=	\$38.63 kW-Year \$3.22 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$20,948,162 * 0.5}{1,425,045 \text{ MWh}}$	=	7.35 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$20,948,162}{1,425,045 \text{ MWh}}$	=	14.70 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>		$\frac{\$20,948,162 + \$6,149,614}{1,425,045 \text{ MWh}}$	=	19.02 Mills/kWh

**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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

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

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

<sup>3</sup> 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**

**Leveled Option 2**

**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	\$18,742,169		
*Aggregate Power Managers	\$2,989,767		
Total	\$21,731,936		

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, 13.9 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	\$2,989,767			
Transmission Revenue Requirement	\$881,843			
Total	\$3,871,610			
**Priority Use Power Revenue	13.90 mills/kWh			
APM Contributory Payment (estimated using prior year PUP Rate)	\$1,157,399			

**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 <sup>1</sup>		$\frac{\$23.64}{2}$	=	\$11.82 kW-Season \$1.97 kW-Month
Nonfirm Transmission Rate <sup>1</sup>	1,000 *	$\frac{\$23.64}{8,760}$	=	2.70 Mills/kWh

**Generation Rates and Charges**

Capacity Charge for Firm Electric Service		$\frac{\$21,731,936 * 0.5}{271,147 \text{ kW}}$	=	\$40.07 kW-Year \$3.34 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$21,731,936 * 0.5}{1,425,045 \text{ MWh}}$	=	7.63 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$21,731,936}{1,425,045 \text{ MWh}}$	=	15.25 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>		$\frac{\$21,731,936 + \$6,409,915}{1,425,045 \text{ MWh}}$	=	19.75 Mills/kWh

**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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

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

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

<sup>3</sup> 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)

