

**PARKER-DAVIS PROJECT  
RATE DESIGN**

**0% Principal Payment Option  
Amortized Generation Replacements**

**FY2020**

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

Transmission Delivery Commitments	
Firm Electric Service	233,844 kW
Priority Use Power	37,303 kW
Firm Transmission Service	2,331,971 kW
<b>Total</b>	<b>2,603,118 kW</b>

Generation Revenue Requirement	
Firm Electric Service	\$17,402,565
*Aggregate Power Managers	\$2,776,072
<b>Total</b>	<b>\$20,178,637</b>

Transmission Revenue Requirement	
Firm Electric Service	\$5,079,092
*Aggregate Power Managers	\$810,221
Firm Transmission Service	\$50,650,410
<b>Total</b>	<b>\$56,539,723</b>

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	\$2,776,072	
Transmission Revenue Requirement	\$810,221	
<b>Total</b>	<b>\$3,586,293</b>	
**Priority Use Power Revenue	13.90 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$872,082	

**Transmission Rates and Charges**

Firm Transmission Rate	$\frac{\$56,539,723}{2,603,118 \text{ kW}}$	=	\$21.72 kW-Year \$1.81 kW-Month \$0.42 kW-Week \$0.06 kW-Day \$0.00248 kWh
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Firm Transmission Rate for SLCA/IP Power <sup>1</sup>	$\frac{\$21.72}{2}$	=	\$10.86 kW-Season \$1.81 kW-Month
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Nonfirm Transmission Rate <sup>1</sup>	$1,000 * \frac{\$21.72}{8,760}$	=	2.48 Mills/kWh
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**Generation Rates and Charges**

Capacity Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{271,147 \text{ kW}}$	=	\$37.21 kW-Year \$3.10 kW-Month
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Energy Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
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Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,178,637}{1,425,045 \text{ MWh}}$	=	14.16 Mills/kWh
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Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$20,178,637 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.29 Mills/kWh
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**LOWER COLORADO RIVER DEVELOPMENT FUND CHARGE<sup>3</sup>**

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**

**0% Principal Payment Option  
Amortized Generation Replacements**

**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	\$17,402,565
*Aggregate Power Managers	\$2,776,072
Total	\$20,178,637

Transmission Revenue Requirement	
Firm Electric Service	\$5,079,092
*Aggregate Power Managers	\$810,221
Firm Transmission Service	\$50,650,410
Total	\$56,539,723

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, 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	\$2,776,072	
Transmission Revenue Requirement	\$810,221	
Total	\$3,586,293	
**Priority Use Power Revenue	13.90 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$872,082	

**Transmission Rates and Charges**

Firm Transmission Rate	$\frac{\$56,539,723}{2,603,118 \text{ kW}}$	=	\$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	$\frac{\$20,178,637 * 0.5}{271,147 \text{ kW}}$	=	\$37.21 kW-Year \$3.10 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,178,637}{1,425,045 \text{ MWh}}$	=	14.16 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$20,178,637 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.29 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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**0% Principal Payment Option  
Amortized Generation Replacements**

**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	\$17,402,565
*Aggregate Power Managers	\$2,776,072
Total	\$20,178,637

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).	
Generation Revenue Requirement	\$2,776,072	**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	\$810,221		
Total	\$3,586,293		
**Priority Use Power Revenue	13.90 mills/kWh		
APM Contributory Payment (estimated using prior year PUP Rate)	\$872,082		

**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	$\frac{\$20,178,637 * 0.5}{271,147 \text{ kW}}$	=	\$37.21 kW-Year \$3.10 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,178,637}{1,425,045 \text{ MWh}}$	=	14.16 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$20,178,637 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.29 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)



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Amortized Generation Replacements**

**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	\$17,402,565
*Aggregate Power Managers	\$2,776,072
Total	\$20,178,637

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, 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	\$2,776,072	
Transmission Revenue Requirement	\$810,221	
Total	\$3,586,293	
**Priority Use Power Revenue	13.90 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$872,082	

**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	$\frac{\$20,178,637 * 0.5}{271,147 \text{ kW}}$	=	\$37.21 kW-Year \$3.10 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,178,637}{1,425,045 \text{ MWh}}$	=	14.16 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$20,178,637 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.29 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**

**0% Principal Payment Option  
Amortized Generation Replacements  
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	\$17,402,565
*Aggregate Power Managers	\$2,776,072
Total	\$20,178,637

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	\$2,776,072
Transmission Revenue Requirement	\$810,221
Total	\$3,586,293
**Priority Use Power Revenue	13.90 mills/kWh
APM Contributory Payment (estimated using prior year PUP Rate)	\$872,082

\* 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	$\frac{\$20,178,637 * 0.5}{271,147 \text{ kW}}$	=	\$37.21 kW-Year \$3.10 kW-Month
Energy Charge for Firm Electric Service	$\frac{\$20,178,637 * 0.5}{1,425,045 \text{ MWh}}$	=	7.08 Mills/kWh
Composite Rate without Transmission (Illustrative Only)	$\frac{\$20,178,637}{1,425,045 \text{ MWh}}$	=	14.16 Mills/kWh
Composite Rate with Transmission (Illustrative Only) <sup>2</sup>	$\frac{\$20,178,637 + \$5,889,313}{1,425,045 \text{ MWh}}$	=	18.29 Mills/kWh

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

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)

