

**PARKER-DAVIS PROJECT
RATE DESIGN
FY2017**

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	2,421,029 kW
Total	2,692,176 kW

Generation Revenue Requirement	
Firm Electric Service	\$13,555,811
*Aggregate Power Managers	\$2,162,435
Total	\$15,718,246

Transmission Revenue Requirement	
Firm Electric Service	\$4,012,763
*Aggregate Power Managers	\$640,119
Firm Transmission Service	\$41,544,858
Total	\$46,197,740

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement	\$2,162,435	
Transmission Revenue Requirement	\$640,119	
Total	\$2,802,554	
**Priority Use Power Revenue	12.61 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, 12.61 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.
APM Contributory Payment (estimated using prior year PUP Rate)	\$340,237	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$46,197,740}{2,692,176 \text{ kW}} =$	\$17.16 kW-Year \$1.43 kW-Month \$0.33 kW-Week \$0.05 kW-Day \$0.00196 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$17.16}{2} =$	\$8.58 kW-Season \$1.43 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$17.16}{8,760} =$	1.96 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{271,147 \text{ kW}} =$	\$28.98 kW-Year \$2.42 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{1,425,045 \text{ MWh}} =$	5.52 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$15,718,246}{1,425,045 \text{ MWh}} =$	11.03 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$15,718,246 + \$4,652,883}{1,425,045 \text{ MWh}} =$	14.30 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
FY2018**

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	2,467,779 kW
Total	2,738,926 kW

Generation Revenue Requirement	
Firm Electric Service	\$13,555,811
*Aggregate Power Managers	\$2,162,435
Total	\$15,718,246

Transmission Revenue Requirement	
Firm Electric Service	\$4,012,763
*Aggregate Power Managers	\$640,119
Firm Transmission Service	\$42,347,088
Total	\$46,999,970

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).
Generation Revenue Requirement	\$2,162,435	
Transmission Revenue Requirement	\$640,119	
Total	\$2,802,554	
**Priority Use Power Revenue	12.61 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, 12.61 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.
APM Contributory Payment (estimated using prior year PUP Rate)	\$340,237	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$46,999,970}{2,738,926 \text{ kW}}$	=	\$17.16 kW-Year \$1.43 kW-Month \$0.33 kW-Week \$0.05 kW-Day \$0.00196 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$17.16}{2}$	=	\$8.58 kW-Season \$1.43 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$17.16}{8,760}$	=	1.96 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{271,147 \text{ kW}}$	=	\$28.98 kW-Year \$2.42 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{1,425,045 \text{ MWh}}$	=	5.52 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$15,718,246}{1,425,045 \text{ MWh}}$	=	11.03 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$15,718,246 + \$4,652,883}{1,425,045 \text{ MWh}}$	=	14.30 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
FY2019**

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	2,596,946 kW
Total	2,868,093 kW

Generation Revenue Requirement	
Firm Electric Service	\$13,555,811
*Aggregate Power Managers	\$2,162,435
Total	\$15,718,246

Transmission Revenue Requirement	
Firm Electric Service	\$4,012,763
*Aggregate Power Managers	\$640,119
Firm Transmission Service	\$44,563,593
Total	\$49,216,476

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, 12.61 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	\$2,162,435	
Transmission Revenue Requirement	\$640,119	
Total	\$2,802,554	
**Priority Use Power Revenue	12.61 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$340,237	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$49,216,476}{2,868,093 \text{ kW}} =$	\$17.16 kW-Year \$1.43 kW-Month \$0.33 kW-Week \$0.05 kW-Day \$0.00196 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$17.16}{2} =$	\$8.58 kW-Season \$1.43 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$17.16}{8,760} =$	1.96 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{271,147 \text{ kW}} =$	\$28.98 kW-Year \$2.42 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{1,425,045 \text{ MWh}} =$	5.52 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$15,718,246}{1,425,045 \text{ MWh}} =$	11.03 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$15,718,246 + \$4,652,883}{1,425,045 \text{ MWh}} =$	14.30 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
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	2,590,325 kW
Total	2,861,472 kW

Generation Revenue Requirement	
Firm Electric Service	\$13,555,811
*Aggregate Power Managers	\$2,162,435
Total	\$15,718,246

Transmission Revenue Requirement	
Firm Electric Service	\$4,012,763
*Aggregate Power Managers	\$640,119
Firm Transmission Service	\$44,449,977
Total	\$49,102,860

Aggregate Power Managers		* Aggregate Power Managers (APMs) have the financial responsibility for Priority Use Power (PUP).	
Generation Revenue Requirement	\$2,162,435	**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, 12.61 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	\$640,119		
Total	\$2,802,554		
**Priority Use Power Revenue	12.61 mills/kWh		
APM Contributory Payment (estimated using prior year PUP Rate)	\$340,237		

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$49,102,860}{2,861,472 \text{ kW}} =$	\$17.16 kW-Year \$1.43 kW-Month \$0.33 kW-Week \$0.05 kW-Day \$0.00196 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$17.16}{2} =$	\$8.58 kW-Season \$1.43 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$17.16}{8,760} =$	1.96 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{271,147 \text{ kW}} =$	\$28.98 kW-Year \$2.42 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{1,425,045 \text{ MWh}} =$	5.52 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$15,718,246}{1,425,045 \text{ MWh}} =$	11.03 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$15,718,246 + \$4,652,883}{1,425,045 \text{ MWh}} =$	14.30 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	2,590,325 kW
Total	2,861,472 kW

Generation Revenue Requirement	
Firm Electric Service	\$13,555,811
*Aggregate Power Managers	\$2,162,435
Total	\$15,718,246

Transmission Revenue Requirement	
Firm Electric Service	\$4,012,763
*Aggregate Power Managers	\$640,119
Firm Transmission Service	\$44,449,977
Total	\$49,102,860

Aggregate Power Managers		
Generation Revenue Requirement	\$2,162,435	
Transmission Revenue Requirement	\$640,119	
Total	\$2,802,554	
**Priority Use Power Revenue	12.61 mills/kWh	\$2,462,317
APM Contributory Payment (estimated using prior year PUP Rate)		\$340,237

* 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, 12.61 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		$\frac{\$49,102,860}{2,861,472 \text{ kW}} =$	\$17.16 kW-Year \$1.43 kW-Month \$0.33 kW-Week \$0.05 kW-Day \$0.00196 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$17.16}{2} =$	\$8.58 kW-Season \$1.43 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$17.16}{8,760} =$	1.96 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{271,147 \text{ kW}} =$	\$28.98 kW-Year \$2.42 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$15,718,246 * 0.5}{1,425,045 \text{ MWh}} =$	5.52 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$15,718,246}{1,425,045 \text{ MWh}} =$	11.03 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$15,718,246 + \$4,652,883}{1,425,045 \text{ MWh}} =$	14.30 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)