

**PARKER-DAVIS PROJECT
RATE DESIGN
FY2015**

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	2,821,634 kW	
Total	3,092,781 kW	

Generation Revenue Requirement		
Firm Electric Service	\$10,421,875	
*Aggregate Power Managers	\$1,662,507	
Total	\$12,084,382	

Transmission Revenue Requirement		
Firm Electric Service	\$3,591,844	
*Aggregate Power Managers	\$572,974	
Firm Transmission Service	\$43,340,298	
Total	\$47,505,116	

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, 10.43 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	\$1,662,507		
Transmission Revenue Requirement	\$572,974		
Total	\$2,235,481		
**Priority Use Power Revenue	10.43 mills/kWh	\$2,036,635	
APM Contributory Payment (estimated using prior year PUP Rate)		\$198,846	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$47,505,116}{3,092,781 \text{ kW}} =$	\$15.36 kW-Year \$1.28 kW-Month \$0.30 kW-Week \$0.04 kW-Day \$0.00175 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$15.36}{2} =$	\$7.68 kW-Season \$1.28 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$15.36}{8,760} =$	1.75 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{271,147 \text{ kW}} =$	\$22.28 kW-Year \$1.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}} =$	4.24 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$12,084,382}{1,425,045 \text{ MWh}} =$	8.48 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$12,084,382 + \$4,164,818}{1,425,045 \text{ MWh}} =$	11.40 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
FY2016**

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	2,821,634 kW
Total	3,092,781 kW

Generation Revenue Requirement	
Firm Electric Service	\$10,421,875
*Aggregate Power Managers	\$1,662,507
Total	\$12,084,382

Transmission Revenue Requirement	
Firm Electric Service	\$3,591,844
*Aggregate Power Managers	\$572,974
Firm Transmission Service	\$43,340,298
Total	\$47,505,116

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, 10.43 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	\$1,662,507	
Transmission Revenue Requirement	\$572,974	
Total	\$2,235,481	
**Priority Use Power Revenue	10.43 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$198,846	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$47,505,116}{3,092,781 \text{ kW}} =$	\$15.36 kW-Year \$1.28 kW-Month \$0.30 kW-Week \$0.04 kW-Day \$0.00175 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$15.36}{2} =$	\$7.68 kW-Season \$1.28 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$15.36}{8,760} =$	1.75 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{271,147 \text{ kW}} =$	\$22.28 kW-Year \$1.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}} =$	4.24 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$12,084,382}{1,425,045 \text{ MWh}} =$	8.48 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$12,084,382 + \$4,164,818}{1,425,045 \text{ MWh}} =$	11.40 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
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	2,817,884 kW
Total	3,089,031 kW

Generation Revenue Requirement	
Firm Electric Service	\$10,421,875
*Aggregate Power Managers	\$1,662,507
Total	\$12,084,382

Transmission Revenue Requirement	
Firm Electric Service	\$3,591,844
*Aggregate Power Managers	\$572,974
Firm Transmission Service	\$43,282,698
Total	\$47,447,516

Aggregate Power Managers		
Generation Revenue Requirement	\$1,662,507	
Transmission Revenue Requirement	\$572,974	
Total	\$2,235,481	
**Priority Use Power Revenue	10.43 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$198,846	

* 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, 10.43 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		$\frac{\$47,447,516}{3,089,031 \text{ kW}} =$	\$15.36 kW-Year \$1.28 kW-Month \$0.30 kW-Week \$0.04 kW-Day \$0.00175 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$15.36}{2} =$	\$7.68 kW-Season \$1.28 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$15.36}{8,760} =$	1.75 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{271,147 \text{ kW}} =$	\$22.28 kW-Year \$1.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}} =$	4.24 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$12,084,382}{1,425,045 \text{ MWh}} =$	8.48 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$12,084,382 + \$4,164,818}{1,425,045 \text{ MWh}} =$	11.40 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
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	2,806,634 kW
Total	3,077,781 kW

Generation Revenue Requirement	
Firm Electric Service	\$10,421,875
*Aggregate Power Managers	\$1,662,507
Total	\$12,084,382

Transmission Revenue Requirement	
Firm Electric Service	\$3,591,844
*Aggregate Power Managers	\$572,974
Firm Transmission Service	\$43,109,898
Total	\$47,274,716

Aggregate Power Managers		
Generation Revenue Requirement	\$1,662,507	
Transmission Revenue Requirement	\$572,974	
Total	\$2,235,481	
**Priority Use Power Revenue	10.43 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$198,846	

* 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, 10.43 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		$\frac{\$47,274,716}{3,077,781 \text{ kW}} =$	\$15.36 kW-Year \$1.28 kW-Month \$0.30 kW-Week \$0.04 kW-Day \$0.00175 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$15.36}{2} =$	\$7.68 kW-Season \$1.28 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$15.36}{8,760} =$	1.75 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{271,147 \text{ kW}} =$	\$22.28 kW-Year \$1.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}} =$	4.24 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$12,084,382}{1,425,045 \text{ MWh}} =$	8.48 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$12,084,382 + \$4,164,818}{1,425,045 \text{ MWh}} =$	11.40 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
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	2,796,634 kW
Total	3,067,781 kW

Generation Revenue Requirement	
Firm Electric Service	\$10,421,875
*Aggregate Power Managers	\$1,662,507
Total	\$12,084,382

Transmission Revenue Requirement	
Firm Electric Service	\$3,591,844
*Aggregate Power Managers	\$572,974
Firm Transmission Service	\$42,956,298
Total	\$47,121,116

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, 10.43 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	\$1,662,507	
Transmission Revenue Requirement	\$572,974	
Total	\$2,235,481	
**Priority Use Power Revenue	10.43 mills/kWh	
APM Contributory Payment (estimated using prior year PUP Rate)	\$198,846	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$47,121,116}{3,067,781 \text{ kW}} =$	\$15.36 kW-Year \$1.28 kW-Month \$0.30 kW-Week \$0.04 kW-Day \$0.00175 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$15.36}{2} =$	\$7.68 kW-Season \$1.28 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$15.36}{8,760} =$	1.75 Mills/kWh

Generation Rates and Charges

Capacity Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{271,147 \text{ kW}} =$	\$22.28 kW-Year \$1.86 kW-Month
Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}} =$	4.24 Mills/kWh
Composite Rate without Transmission (Illustrative Only)		$\frac{\$12,084,382}{1,425,045 \text{ MWh}} =$	8.48 Mills/kWh
Composite Rate with Transmission (Illustrative Only) ²		$\frac{\$12,084,382 + \$4,164,818}{1,425,045 \text{ MWh}} =$	11.40 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)