

**PARKER-DAVIS PROJECT
RATE DESIGN
FY2013**

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	2,575,598 kW
Total	2,846,745 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	\$3,479,599
*Aggregate Power Managers	\$555,069
Firm Transmission Service	\$38,324,898
Total	\$42,359,566

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, 9.51 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		\$555,069	
Total		\$2,217,576	
**Priority Use Power Revenue	9.51 mills/kWh	\$1,856,989	
APM Contributory Payment (estimated using prior year PUP Rate)		\$360,587	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$42,359,566}{2,846,745 \text{ kW}}$	=	\$14.88 kW-Year \$1.24 kW-Month \$0.29 kW-Week \$0.04 kW-Day \$0.00170 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$14.88}{2}$	=	\$7.44 kW-Season \$1.24 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$14.88}{8,760}$	=	1.70 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		$\frac{\$12,084,382 + \$4,034,667}{1,425,045 \text{ MWh}}$	=	11.31 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
FY2014**

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	2,813,098 kW
Total	3,084,245 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	\$3,479,599
*Aggregate Power Managers	\$555,069
Firm Transmission Service	\$41,858,898
Total	\$45,893,566

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, 9.51 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		\$555,069	
Total		\$2,217,576	
**Priority Use Power Revenue	9.51 mills/kWh	\$1,856,989	
APM Contributory Payment (estimated using prior year PUP Rate)		\$360,587	

Transmission Rates and Charges

Firm Transmission Rate	$\frac{\$45,893,566}{3,084,245 \text{ kW}}$	=	\$14.88 kW-Year \$1.24 kW-Month \$0.29 kW-Week \$0.04 kW-Day \$0.00170 kWh
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Firm Transmission Rate for SLCA/IP Power ¹	$\frac{\$14.88}{2}$	=	\$7.44 kW-Season \$1.24 kW-Month
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Nonfirm Transmission Rate ¹	1,000 * $\frac{\$14.88}{8,760}$	=	1.70 Mills/kWh
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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
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Energy Charge for Firm Electric Service	$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}}$	=	4.24 Mills/kWh
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Composite Rate without Transmission (Illustrative Only)	$\frac{\$12,084,382}{1,425,045 \text{ MWh}}$	=	8.48 Mills/kWh
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Composite Rate with Transmission (Illustrative Only) ²	$\frac{\$12,084,382 + \$4,034,667}{1,425,045 \text{ MWh}}$	=	11.31 Mills/kWh
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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
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	2,855,598 kW
Total	3,126,745 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	\$3,479,599
*Aggregate Power Managers	\$555,069
Firm Transmission Service	\$42,491,298
Total	\$46,525,966

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, 9.51 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		\$555,069	
Total		\$2,217,576	
**Priority Use Power Revenue	9.51 mills/kWh	\$1,856,989	
APM Contributory Payment (estimated using prior year PUP Rate)		\$360,587	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$46,525,966}{3,126,745 \text{ kW}} =$	\$14.88 kW-Year \$1.24 kW-Month \$0.29 kW-Week \$0.04 kW-Day \$0.00170 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$14.88}{2} =$	\$7.44 kW-Season \$1.24 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$14.88}{8,760} =$	1.70 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		$\frac{\$12,084,382 + \$4,034,667}{1,425,045 \text{ MWh}} =$	11.31 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	2,855,598 kW
Total	3,126,745 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	\$3,479,599
*Aggregate Power Managers	\$555,069
Firm Transmission Service	\$42,491,298
Total	\$46,525,966

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, 9.51 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		\$555,069	
Total		\$2,217,576	
**Priority Use Power Revenue	9.51 mills/kWh	\$1,856,989	
APM Contributory Payment (estimated using prior year PUP Rate)		\$360,587	

Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$46,525,966}{3,126,745 \text{ kW}}$	=	\$14.88 kW-Year \$1.24 kW-Month \$0.29 kW-Week \$0.04 kW-Day \$0.00170 kWh
Firm Transmission Rate for SLCA/IP Power ¹		$\frac{\$14.88}{2}$	=	\$7.44 kW-Season \$1.24 kW-Month
Nonfirm Transmission Rate ¹	1,000 *	$\frac{\$14.88}{8,760}$	=	1.70 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		$\frac{\$12,084,382 + \$4,034,667}{1,425,045 \text{ MWh}}$	=	11.31 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)

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RATE DESIGN
FY2017**

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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
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Transmission Rates and Charges

Firm Transmission Rate		$\frac{\$46,525,966}{3,126,745 \text{ kW}}$	=	\$14.88 kW-Year \$1.24 kW-Month \$0.29 kW-Week \$0.04 kW-Day \$0.00170 kWh
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Energy Charge for Firm Electric Service		$\frac{\$12,084,382 * 0.5}{1,425,045 \text{ MWh}}$	=	4.24 Mills/kWh
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California & Nevada	2.50 Mills/kWh

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

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