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CANCELLED
APR 30 2012
 KENTUCKY PUBLIC SERVICE COMMISSION

THE ABOVE TARIFFS ARE APPLICABLE TO THE ENTIRE TERRITORY SERVED BY KENTUCKY POWER COMPANY AS ON FILE WITH THE PUBLIC SERVICE COMMISSION AT BOYD, BREATHITT, CARTER, CLAY, ELLIOTT, FLOYD, GREENUP, JOHNSON, KNOTT, LAWRENCE, LESLIE, LETCHER, LEWIS, MAGOFFIN, MARTIN, MORGAN, OWSLEY, PERRY, PIKE AND ROWAN COUNTIES.

KENTUCKY PUBLIC SERVICE COMMISSION	
JEFF R. DEROUEN EXECUTIVE DIRECTOR	
TARIFF BRANCH	
DATE OF ISSUE <u>July 16, 2010</u>	DATE EFFECTIVE <u>Service rendered on and af</u>
ISSUED BY <u>E.K. WAGNER</u> NAME	<u>Frank Kirtley</u> FRANK KIRTLLEY ADDRESS
DIRECTOR OF REGULATORY SERVICES TITLE	EFFECTIVE 6/29/2010

TARIFF COGEN/SPP II
 (Cogeneration and/or Small Power Production—Over 100 KW)

AVAILABILITY OF SERVICE.

This tariff is available to customers with cogeneration and/or small power production (COGEN/SPP) facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity of over 100 KW. Such facilities shall be designed to operate properly in parallel with the Company's system without adversely affecting the operation of equipment and services of the Company and its customers, and without presenting safety hazards to the Company and customer personnel.

The customer has the following options under this tariff, which will affect the determination of energy and capacity and the monthly metering charges:

- Option 1 - The customer does not sell any energy or capacity to the Company, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 2 - The customer sells to the Company the energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities in excess of the customer's total load, and purchases from the Company its net load requirements, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy and average on-peak capacity produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements, as determined by appropriate meters located at one delivery point.

MONTHLY CHARGES FOR DELIVERY FROM THE COMPANY TO THE CUSTOMER.

Such charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the tariff appropriate for the customer, except that Option 1 and Option 2 customers shall be served under demand-metered tariffs, and except that the monthly billing demand under such tariffs shall be the highest determined for the current and previous two billing periods. The above three-month billing demand provision shall not apply under Option 3.

ADDITIONAL CHARGES.

There shall be additional charges to cover the cost of special metering, safety equipment and other local facilities installed by the Company due to COGEN/SPP facilities, as follows:

Monthly Metering Charge

The additional monthly charge for special metering facilities shall be as follows:

- Option 1 - Where the customer does not sell electricity to the Company, a defent shall be used on the energy meter to prevent reverse rotation. The cost of such meter alteration shall be paid by the customer as part of the Local Facilities Charge.
- Options 2 & 3- Where meters are used to measure the excess or total energy and average on peak capacity purchased by the Company:

Single Phase Polyphase

Standard Measurement \$0.75 \$7.75
 T.O.D. Measurement \$7.15 \$8.15

(Cont'd on Sheet No. 18-2)

CANCELLED
 AUG 12 2012
 KENTUCKY PUBLIC
 SERVICE COMMISSION

KENTUCKY PUBLIC SERVICE COMMISSION

**JEFF R. DEROUEN
 EXECUTIVE DIRECTOR**

DATE OF ISSUE July 16, 2010

DATE EFFECTIVE Service rendered on and after June 29, 2010 TARIFF BRANCH

ISSUED BY E.K. Wagner E.K. WAGNER DIRECTOR OF REGULATORY SERVICES
 NAME TITLE

FRANKFORD Brent Kirtley
 ADDRESS EFFECTIVE

Issued by authority of an Order of the Public Service Commission in Case No. 2009-00459 dated June 28, 2010 **6/29/2010**

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

TARIFF D.S.M.C.
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)

RATE. (Cont'd.)

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>
Floor Factor =	0.000039	0.000425	- 0 -
Ceiling Factor =	0.001658	0.002633	- 0 -

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>
DSM (c)	539,976	552,001	- 0 -
S (c)	636,014,500	361,020,800	- 0 -
Adjustment Factor	\$ 0.000849	\$ 0.001529	- 0 -

* The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

PROGRAM DESCRIPTIONS.

The D.S.M.C. program availability, program, rate, and equipment descriptions follow:

CANCELLED
MAY 30 2012
KENTUCKY PUBLIC
SERVICE COMMISSION

(N)
(N)

(Cont'd on Sheet No. 22-3)

KENTUCKY PUBLIC SERVICE COMMISSION	
JEFF R. DEROUEN EXECUTIVE DIRECTOR	
TARIFF BRANCH	
	<i>Brent Kintley</i>
EFFECTIVE	4/30/2012
PURSUANT TO 807 KAR 5:011 SECTION 9 (1) dated month/date/year	

DATE OF ISSUE April 30, 2012 EFFECTIVE DATE April 30, 2012
ISSUED BY Lila P. Munsey Manager Regulatory Services Frankfort, Kentucky
NAME TITLE ADDRESS

Issued by authority of an Order of the Public Service Commission in Case No. XXXX-XXXX dated month/date/year

**TARIFF D.S.M.C.
 (DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)**

RATE. (Cont'd.)

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>
Floor Factor =	0.000039	0.000425	- 0 -
Ceiling Factor =	0.001658	0.002633	- 0 -

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>
<u>DSM (c)</u>	539,976	552,001	- 0 -
S (c)	636,014,500	361,020,800	- 0 -
Adjustment Factor	\$ 0.000849	\$ 0.001529	- 0 -

CANCELLED
APR 30 2012
 KENTUCKY PUBLIC SERVICE COMMISSION

*The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
<i>Burt Kirtley</i>
EFFECTIVE ADDRESS 1/31/2012
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

DATE OF ISSUE February 2, 2012 EFFECTIVE DATE Service rendered on or after Jan

ISSUED BY Lila P. Munsey MANAGER REGULATORY SERVICES FRANKFORT, KENTUCKY
 NAME TITLE

Issued by authority of an Order of the Public Service Commission in Case No. 2011-00300 dated January 23, 2012

TARIFF D.S.M.C.
(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)

RATE. (Cont'd.)

5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments, which shall include data, and information as may be required by the Commission.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u> (\$ Per KWH)	<u>COMMERCIAL</u> (\$ Per KWH)	<u>INDUSTRIAL*</u>	
Floor Factor =	(0.000161)	0.000113	- 0 -	(R) (I)
Ceiling Factor =	0.001709	0.001002	- 0 -	(R) (I)

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

CUSTOMER SECTOR

	<u>RESIDENTIAL</u>	<u>COMMERCIAL</u>	<u>INDUSTRIAL*</u>	
<u>DSM (c)</u>	1,256,009	589,595	- 0 -	(I) (I)
S (c)	\$ 1,622,751,200	1,056,622,000	- 0 -	(I) (I)
Adjustment Factor	\$ 0.000774	\$ 0.000558	- 0 -	(R) (I)

c 1/31/12

*The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

KENTUCKY PUBLIC SERVICE COMMISSION	
JEFF R. DEROUEN EXECUTIVE DIRECTOR	
TARIFF BRANCH	
<i>Brent Kirtley</i>	
ADDRESS	5/31/2011
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)	

DATE OF ISSUE February 15, 2011 EFFECTIVE DATE Service rendered on or after M
 ISSUED BY Lila P. Munsey MANAGER REGULATORY SERVICES FRANKFORT, KENTUCKY
 NAME TITLE ADDRESS

**TARIFF R.T.P.
 (Experimental Real-Time Pricing Tariff)**

AVAILABILITY OF SERVICE.

TARIFF CODES

Q.P. Tariff

CIP-TOD Tariff

- | | |
|----------------------|----------------------|
| 366 Secondary | 377 Primary |
| 367 Primary | 378 Sub transmission |
| 368 Sub transmission | 379 Transmission |
| 369 Transmissions | |

Available for Real-Time Pricing (RTP) service, on an experimental basis, to customers normally taking firm service under Tariffs Q.P. or C.I.P.-T.O.D. for their total capacity requirements from the Company. The customer will pay real-time prices for load in excess of an amount designated by the customer. This experimental tariff will be limited to a maximum of 10 customers. The incremental cost of any special metering or communications equipment required for service under this experimental tariff beyond that normally provided under the applicable standard Q.P. or C.I.P.-T.O.D. tariff shall be borne by the customer. The Company reserves the right to terminate this Tariff at any time after the end of the experiment.

PROGRAM DESCRIPTION.

The Experimental Real-Time Pricing Tariff is voluntary and will be offered on a pilot basis through June 2013. The RTP Tariff will offer customers the opportunity to manage their electric costs by shifting load from higher cost to lower cost pricing periods or by adding new load during lower price periods. The experimental pilot will also offer the customer the ability to experiment in the wholesale electricity market by designating a portion of the customer's load subject to standard tariff rates with the remainder of the load subject to real-time prices. The designated portion of the customer's load is billed under the Company's standard Q.P. or C.I.P.-T.O.D. tariff. The remainder of the customer's capacity and energy load is billed at prices established in the PJM Interconnection, L.L.C. (PJM) RTO market.

CONDITIONS OF SERVICE.

The customer must have a demand of not less than 1 MW and specify at least 100 kW as being subject to this Tariff. The customer designates the maximum amount of load to be supplied by Kentucky Power Company under the applicable Tariff Q.P. or Tariff C.I.P. - T.O.D. All usage equal to or less than the customer-designated level of load will be billed under the appropriate Tariff Q.P. or Tariff C.I.P. - T.O.D. All usage in excess of the customer-designated level will be billed under Tariff RTP. All reactive demand shall be billed in accordance with the appropriate Tariff Q.P. or Tariff C.I.P. - T.O.D.

RATE.

1. Capacity Charge.

The Capacity Charge, stated in \$/kW, will be determined from the auction price set in the Reliability Pricing Model (RPM) auction held by PJM for each PJM planning year. The auction price will be adjusted by the class average diversity factor (DF) derived from billing demands for the preceding year and the 5 highest coincident peaks established for the class at the time of the 5 highest PJM hourly values. The price will be further adjusted for demand losses (DL) and a factor to reflect the PJM-required reserve margin (RM).

Capacity Charge = RPM x DF x DL x RM

Where:

- RPM = Results of the annual RPM auction price applicable to the AEP load zone = \$3,346/kW-month
- DF = Diversity Factor
 - C.I.P. - T.O.D. = 0.75
 - Q.P. = 0.64
- DL = Demand Loss Factor
- RM = Reserve Margin = RPM clearing price reserve margin = 1.181

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KENTUCKY PUBLIC SERVICE COMMISSION

(Cont'd on Sheet No. 30-2)

KENTUCKY PUBLIC SERVICE COMMISSION
JEFF R. DEROUEN EXECUTIVE DIRECTOR
TARIFF BRANCH
<i>Bunt Kinley</i> FRANKFORT, KENTUCKY ADDRESS 7/29/2011

DATE OF ISSUE June 30, 2011 DATE EFFECTIVE Service rendered on and after
 ISSUED BY Lila P. Munsey (MANAGER REGULATORY SERVICES) FRANKFORT, KENTUCKY
 NAME TITLE ADDRESS

TARIFF R.T.P.
(Experimental Real-Time Pricing Tariff)

RATE (continued).

2. Energy Charge.

The Energy Charge, stated in \$/KWH, will be determined hourly using the AEP East Load Zone Real-Time Locational Marginal Price (LMP) established by PJM (including marginal losses), adjusted for energy losses (EL). The charge will be applied to the usage in excess of the customer-designated level for each billing period.

Energy Charge = LMP x EL

Where:

LMP = AEP East Load Zone Real-Time Locational Marginal Price
 EL = Energy Loss Factor excluding marginal losses for transmission and subtransmission

3. Transmission Charge.

The Transmission Charge, stated in \$/kW, will be determined from the Network Integration Transmission Service (NITS) rate for the AEP East Zone. The NITS rate will be adjusted by the class average diversity factor (DF) derived from billing demands for the preceding year and the coincident peak established for the class at the time of the highest AEP East Zone hourly value. The price will be further adjusted for demand losses (DL).

Transmission Charge = NITS x DF x DL

Where:

NITS = NITS Rate for the AEP East Zone = \$ 1.89230/kW
 DF = Diversity Factor
 C.I.P. - T.O.D. = 0.79
 Q.P. = 0.69
 DL = Demand Loss Factor

(R)
(I)
(I)

4. Other Market Services Charge.

The Other Market Services Charge, stated in \$/KWH is developed using all other PJM related market costs allocated to Kentucky Power Company from PJM not captured elsewhere. It is applied to all usage in excess of the customer-designated level for each billing period.

Secondary = \$0.002499/KWH
 Primary = \$0.002404/KWH
 Subtransmission = \$0.002359/KWH
 Transmission = \$0.002337/KWH

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KENTUCKY PUBLIC SERVICE COMMISSION

5. Distribution Charge.

The Distribution Charge, stated in \$/kW, is equivalent to the distribution portion of the current rates included in Tariff Q.P. and Tariff C.I.P. - T.O.D.

Secondary = \$7.39/kW
 Primary = \$4.34/kW

(Cont'd on Sheet No. 30-3)

KENTUCKY PUBLIC SERVICE COMMISSION	
JEFF R. DEROUEN EXECUTIVE DIRECTOR	
TARIFF BRANCH	
<i>Brent Kelley</i>	
DATE OF ISSUE <u>June 30, 2011</u>	DATE EFFECTIVE <u>Service rendered on and after July 29, 2011</u>
ISSUED BY <u>Lila P. Munsey</u> NAME	TITLE
FRANKFORT, KENTUCKY ADDRESS	
PURSUANT TO 807 KAR 5:011 SECTION 9 (1) 166 dated February 1, 2008.	

DATE OF ISSUE June 30, 2011 DATE EFFECTIVE Service rendered on and after July 29, 2011
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 NAME TITLE