P.S.C. No. 2, 10th Revised Sheet No. 123 Canceling P.S.C. No. 2, 9th Revised Sheet No. 123

# **Cogeneration and Small Power Production** Power Purchase Rate Schedule Over 100 kW from Dispatchable Generation Sources

#### **Availability**

Available only to qualified cogeneration or small power production facilities with a design capacity of over 100 kW which have executed a contract with EKPC and one of EKPC's member distribution systems for the purchase of electric power by EKPC. Qualified cogeneration or small power production facilities must be able to be dispatched by EKPC. Non-dispatchable qualified cogeneration or small power production facilities are covered under a separate tariff. Pursuant to Federal Energy Regulatory Commission ("FERC") regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is no longer obligated to purchase electric energy and/or capacity from qualifying cogeneration or small power production facilities with a net capacity of over 20MW.

## Rates

The rates set forth below shall be used as the basis for negotiating a final purchase rate with qualifying facilities pursuant to Section 7 of 807 KAR 5:054.

- 1. Capacity \$5.62 per kW per year is applicable if cogenerator or small power producer is dispatched by EKPC.
- 2. Energy A base payment per kWh is listed below for a time-differentiated basis or a non-time differentiated basis for the specified years. These rates include a market administration fee of \$0.00017 per kWh to cover EKPC's market participation costs.
  - Time Differentiated Rates:

	Winter		Summer		
Year	On-Peak	Off-Peak	On-Peak	Off-Peak	
2018	\$0.03549	\$0.02832	\$0.03694	\$0.02264	
2019	\$0.03451	\$0.02731	\$0.03473	\$0.02116	
2020	\$0.03406	\$0.02700	\$0.03416	\$0.02092	
2021	\$0.03350	\$0.02646	\$0.03360	\$0.02102	
2022	\$0.03304	\$0.02613	\$0.03328	\$0.02077	

Non-Time Differentiated Rates:

Year	2018	2019	2020	2021	2022*
Rate	\$0.03067	\$0.02932	\$0.02894	\$0.02852	\$0.02818*

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Holly S. Eades

Vice President, Finance

**KENTUCKY** PUBLIC SERVICE COMMISSION

> Gwen R. Pinson **Executive Director**

6/1/2018

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

P.S.C. No. 2, 1st Revised Sheet No. 125.1 Canceling P.S.C. No. 2, Original Sheet No. 125.1

# **Cogeneration and Small Power Production Power Purchase** Rate Schedule Over 100 kW from Non-Dispatchable Generation Sources

# **Availability**

Available only to qualified cogeneration or small power production facilities that are not able to be dispatched by ("EKPC") which have executed a contract with EKPC and one of EKPC's member distribution systems for the purchase of electric power by EKPC. Pursuant to FERC regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is no longer obligated to purchase electric energy and/or capacity from qualifying cogeneration or small power production facilities with a net capacity of over 20 MW.

#### Rates

QF will be credited monthly for the electric power produced non-dispatchable generation facilities at the value of the real-time locational marginal price for energy set by PJM at the EKPC zonal node during each hour of the day. These payments will be offset by a market administration fee of \$0.00017 per kWh to cover EKPC's market participation costs.

# **Terms and Conditions**

- 1. Pursuant to FERC regulations 18 C.F.R. §§ 292.303(a), 292.309, and 292.310, EKPC is no longer obligated to purchase electric energy and/or capacity from qualifying cogeneration or small power production facilities with a net capacity of over 20 MW.
- 2. All power from a QF will be sold only to EKPC
- 3. Seller must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
- 4. QF shall provide reasonable protection for EKPC and the member cooperative's system.
- 5. QF shall design, construct, install, own, operate, and maintain the QF in accordance with all applicable codes, laws, regulations, and general accepted utility practices.
- 6. QF shall reimburse EKPC and its member cooperative for all costs incurred as a result of interconnecting with the QF, including operation, maintenance, administration, and billing.
- 7. QF shall obtain insurance in the following minimum amounts for each occurrence:
  - a. Public Liability for Bodily Injury \$1,000,000.00.
  - b. Property Damage \$500,000.00

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**Executive Director** 

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P.S.C. No. 2, 10th Revised Sheet No. 126 Canceling P.S.C. No. 2, 9th Revised Sheet No. 126

# **Cogeneration and Small Power Production** Power Purchase Rate Schedule Equal To or Less Than 100 kW from Dispatchable Generation Sources

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## **Availability**

Available only to qualified cogeneration or small power production facilities with a design capacity of 100 kW or less which have executed a contract with EKPC and one of EKPC's member distribution systems for the purchase of electric power by EKPC. Qualified cogeneration or small power production facilities must be able to be dispatched by EKPC. Non-dispatchable qualified cogeneration or small power production facilities are covered under a separate tariff.

#### Rates

- 1. Capacity \$5.62 per kW per year is applicable if cogenerator or small power producer is dispatched by EKPC.
- 2. Energy A base payment per kWh is listed below for a time-differentiated basis or a non-time differentiated basis for the specified years. These rates include a market administration fee of \$0.00017 per kWh to cover EKPC's market participation costs.
  - a. Time Differentiated Rates:

	Winter		Summer		
Year	On-Peak	Off-Peak	On-Peak	Off-Peak	
2018	\$0.03549	\$0.02832	\$0.03694	\$0.02264	
2019	\$0.03451	\$0.02731	\$0.03473	\$0.02116	
2020	\$0.03406	\$0.02700	\$0.03416	\$0.02092	
2021	\$0.03350	\$0.02646	\$0.03360	\$0.02102	
2022	\$0.03304	\$0.02613	\$0.03328	\$0.02077	

b. Non-Time Differentiated Rates:

Summer (May - September)

Year	2018	<u>2019</u>	2020	2021	2022*
Rate	\$0.03067	\$0.02932	\$0.02894	\$0.02852	\$0.02818*

The on-peak and off-peak energy rates are applicable during the hours listed below for each season:

On-Peak Winter (October - April)

7:00 a.m. - 12:00 noon

5:00 p.m. - 10:00 p.m.

10:00 a.m. - 10:00 p.m.

Off-Peak

12:00 noon - 5:00 p.m.

10:00 p.m. - 7:00 a.m.

10:00 p.m. - 10:00 a.m.

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Vice President, Finance

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Gwen R. Pinson

**Executive Director** 

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

P.S.C. No. 2, 1st Revised Sheet No. 127.1 Canceling P.S.C. No. 2, Original Sheet No. 127.1

# Cogeneration and Small Power Production Power Purchase Rate Schedule 100 kW or Less from Non-Dispatchable Generation Sources

## **Availability**

Available only to qualified cogeneration or small power production facilities that are not able to be dispatched by EKPC which have executed a contract with EKPC and one of EKPC's member distribution systems for the purchase of electric power by EKPC.

#### **Rates**

QF will be credited monthly for the electric power produced non-dispatchable generation facilities at the value of the real-time locational marginal price for energy set by PJM at the EKPC zonal node during each hour of the day. These payments will be offset by a market administration fee of \$0.00017 per kWh to cover EKPC's market participation costs.

**Terms and Conditions** 

- 1. All power from a QF will be sold only to EKPC.
- 2. Seller must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
- 3. QF shall provide reasonable protection for EKPC and the member cooperative's system.
- 4. QF shall design, construct, install, own, operate, and maintain the QF in accordance with all applicable codes, laws, regulations, and general accepted utility practices.
- 5. QF shall reimburse EKPC and its member cooperative for all costs incurred as a result of interconnecting with the QF, including operation, maintenance, administration, and billing.
- 6. QF shall obtain insurance in the following minimum amounts for each occurrence:
  - a. Public Liability for Bodily Injury \$1,000,000.00.
  - b. Property Damage \$500,000.00
- 7. Initial contract term shall be for a minimum of five years.
- 8. QFs proposing to supply as available (non-firm) electric power shall not be entitled to a capacity payment.
- 9. Qualifying cogeneration and small power production facilities must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
- 10. Updated market administration fees will be filed with the Public Service Commission of Kentucky by March 31 of each year.

KENTUCKY
PUBLIC SERVICE COMMISSION
Gwen R. Pinson

**Executive Director** 

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Vice President, Finance

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