

Kentucky Power Company
KPSC Case No. 2017-00472
Riverside Generating Company LLC Post Hearing Data Requests
Dated September 21, 2018

DATA REQUEST

Riverside_PHDR_1_1 Please explain in detail whether the various units located at the Big Sandy Generating Station and Mitchell Generating Station, respectively, are electrically isolated.

RESPONSE

Units at the Mitchell generating station are electrically isolated. Generation cannot flow from one unit at the Mitchell station to the other except through the switchyard.

There currently is only a single generating unit, Big Sandy Unit 1, at the Big Sandy generating station. Prior to the retirement of Big Sandy Unit 2 in 2015, Big Sandy Unit 1 and Big Sandy Unit 2 were electrically isolated. Generation could not flow from one unit at the Big Sandy generating station to the other except through the switchyard.

Witness: Ranie K. Wohnhas

Kentucky Power Company
KPSC Case No. 2017-00472
Riverside Generating Company LLC Post Hearing Data Requests
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DATA REQUEST

Riverside_PHDR_1_2

Historically, have other subsidiaries of American Electric Power Company ("AEP") offered a tariff, schedule, or arrangement similar to Tariff N.U.G. and/or that addressed the self-supply or remote self-supply of station power? If so, please provide a copy of each such tariff, schedule or arrangement, identify its effective date, and describe in detail the manner in which self-supply and/or remote self-supply of station power is addressed.

RESPONSE

Please see the Company's response to KPSC_PHDR_1_1.

Please see also KPCO_R_Riverside_PHDR_1_2_Attachment 1.pdf for the requested information.

Witness: Ranie K. Wohnhas

PUBLIC SERVICE COMPANY OF OKLAHOMA
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RATE CODE 330

AVAILABILITY – SUSPENDED

This schedule is temporarily suspended until the Southwest Power Pool Imbalance Market has been implemented and written notice is provided to the Director of the Public Utility Division of the Oklahoma Corporation Commission.

This schedule is applicable to customers with generation facilities which have a total name-plate capacity of over 1,000 kW that intend to schedule, deliver, and sell the net electric output of the facility at wholesale, and who require Commissioning Power, Startup Power and/or Station Power service from the Company. Service will be taken directly from the Company's transmission system at 69kV or greater, with no transformation provided by the Company.

The service provided in this schedule is provided through the interconnection facilities that are installed to interconnect the customer's generator with the Company's transmission system.

Prior to taking service under this schedule, the customer must have a fully executed Interconnection and Operation Agreement or an unexecuted agreement filed with the Federal Energy Regulatory Commission under applicable procedures.

Service to any load at the customer's facility that is electrically isolated from the customer's generator shall be separately metered and provided in accordance with the generally available rate schedules appropriate for such service to the customer.

This schedule is not available for standby, backup, maintenance or supplemental service for wholesale or retail loads served by the customer's generator.

DEFINITIONS

1. **Commissioning Power** - The electrical energy and capacity supplied to the customer prior to the Commercial Operation of the customer's generator, including construction and testing phases.
2. **Station Power** - The electrical energy and capacity supplied to the customer to serve the auxiliary loads at the customer's generation facilities, when the customer's generator is not operating or when the customer's generator output is less than the auxiliary loads. Such auxiliary loads are those loads that are electrically connected to the customer's auxiliary transformers. Station Power does not include Startup Power. Station Power is not available until the customer's generation facility has achieved Commercial Operation.

Effective: October 26, 2007

Rates Authorized

by: 545168 PUD 200600285 10/9/07
(Order No.) (Cause/Docket No.) (Date of Order)

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3. **Startup Power** – The electrical energy and capacity supplied to the customer (a) to initiate synchronous operation of the customer’s generator, or (b) following a planned or forced outage of the customer’s generator for the purpose of returning the customer’s generator to synchronous operation.
4. **Commercial Operation** - The initiation of, or the ability to initiate, synchronous operation of the customer’s generator for the purpose of scheduling, delivering, and selling the net electric output of the facility at wholesale.

COMMISSIONING POWER SERVICE

Customers requiring Commissioning Power have the option of contracting for such service under the terms of this schedule or demonstrating to the Company’s satisfaction, including providing copies of transmission agreements, that the customer meets FERC requirements for, and has made adequate arrangements for, remote self-supply.

The Company shall supply Commissioning Power up to, but not exceeding, the amount, in kW, stated in the Commissioning Power Service Addendum. The customer shall coordinate its construction and testing with the Company to ensure that the customer’s operations do not cause any undue interference with the Company’s obligations to provide service to its other customers or impose a burden on the Company’s system or any system interconnected with the Company.

The customer shall give written notice to the Company of the Commercial Operation of the customer’s generator.

Determination of Monthly Bill

The Monthly Bill shall be the sum of the following:

1. The Base Service Charge.
2. The product of the Demand Charge and the Monthly Billing Demand.
3. The product of the Generation Charge and the Monthly Billing Energy.
4. All Other Applicable Charges.

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SHEET NO. 79 - 3
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SCHEDULE: NON-UTILITY GENERATOR (NUG) SUSPENDED **RATE CODE 330**

Monthly Rates

Base Service Charge per month	\$ 120.00
Demand Charge per kW	\$ 1.44
Generation Charge per kWh	As Defined Below

Generation Charge

The Generation Charge shall be the greater of (1) the Company's market price quote or (2) the sum of the Company's Schedule LPL Transmission Service Energy Charge and the Company's Fuel Cost Adjustment Rider, Transmission Service.

Monthly Billing Demand

The monthly maximum demand will be the highest metered demand in kW occurring during the month. Metered data is based on thirty (30) minute integrated periods measured by demand recording meters. The monthly billing demand in kW shall be the greater of (a) the monthly maximum demand, (b) the Commissioning Power Contract Capacity, or (c) the customer's highest previously established monthly maximum demand during the contract term.

Monthly Billing Energy

Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month. Interval billing energy shall be measured each thirty (30) minute interval of the month as the total kWh registered by an energy meter or meters. In no event shall the interval billing energy be less than zero (0).

Market Price Quote

Upon request, the Company shall provide a market price quote for generation requested for Commissioning Power.

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STATION POWER SERVICE

Customers requiring Station Power shall have the option of contracting for such service under the generally available demand-metered schedule appropriate for the customer's Station Power requirements or demonstrating to the Company's satisfaction, including providing copies of transmission agreements, that the customer meets FERC requirements for, and has made adequate arrangements for, remote self-supply.

Station Power Capacity – The customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Station Power requirements that the Company is expected to supply under the generally available demand-metered schedule appropriate for the customer.

STARTUP POWER SERVICE

Customers requiring Startup Power have the option of contracting for such service under the terms of this schedule, under the generally available demand-metered schedule appropriate for the customer's Startup Power requirements, or demonstrating to the Company's satisfaction including providing copies of transmission agreements, that the customer meets FERC requirements for, and has made adequate arrangements for, remote self-supply.

Startup Contract Capacity - The customer shall contract for a definite amount of electrical capacity in kW sufficient to meet the maximum Startup Power requirements that the Company is expected to supply. The Company shall supply Startup Power up to, but not exceeding, the Startup Contract Capacity.

Startup Duration - The customer shall contract for a definite number of hours sufficient to meet the maximum period of time for which the Company is expected to supply Startup Power each time Startup Power is required.

Startup Frequency – The customer shall contract for a definite number of startup events sufficient to meet the maximum number of times per year that the Company is expected to supply Startup Power and an allocation of the expected startup events among the months in the year or such other time interval agreed to between the Company and the customer. Any startup events in excess of the Startup Frequency shall be subject to the Excess Startup Charge.

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Other Startup Characteristics – The customer shall provide to the Company other information regarding the customer’s Startup Power requirements, including, but not limited to, anticipated time-of-use and seasonal characteristics.

Notification Requirement - Whenever Startup Power is needed, the customer shall notify the Company, at such time and in the manner specified by the Company, prior to taking Startup Power.

Startup Power Agreement

Upon receipt of a request from the customer for Startup Power Service under the terms of this schedule, the Company will provide to the customer the Notification Requirement, Generation Charge and any related terms and conditions under which service will be provided by the Company. The Notification Requirement, Generation Charge and any related terms and conditions shall be based upon the Startup Contract Capacity, Startup Duration, Startup Frequency, and Other Startup Characteristics as specified by the customer.

If the parties reach an agreement based upon the offer provided to the customer by the Company, a contract shall be executed that provides full disclosure of all rates, terms and conditions of service under this schedule, and any and all agreements related thereto.

Determination of Monthly Bill

The Monthly Bill shall be the sum of the following:

1. The Base Service Charge.
2. The product of the Demand Charge and the Monthly Billing Demand.
3. The product of the applicable Generation Charge and the Monthly Billing Energy.
4. All Other Applicable Charges.

Monthly Rates

Base Service Charge per month \$120.00
Demand Charge per kW \$1.44

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Generation Charge

Generation Charge - The rate to be applied to the Monthly Billing Energy. The Generation Charge will be determined for each customer based on the customer's Startup Duration, Startup Frequency and other Startup Characteristics as specified by the customer. In no event shall the Generation Charge be less than the sum of the Schedule LPL Transmission Service Energy Charge and the Company's Transmission Fuel Cost Adjustment Rider.

The Company will recalculate the customer's Generation Charge, at the end of each 12 months of service, and notify the customer of the new Generation Charge.

Monthly Billing Demand

The monthly maximum demand will be the highest metered demand in kW occurring during the month, less the Station Contract Capacity. Metered data is based on thirty (30) minute integrated periods measured by demand recording meters. The monthly billing demand in kW shall be the greater of (a) the monthly maximum demand, (b) the Startup Contract

Capacity, or (c) the customer's highest previously established monthly billing demand during the past 11 months.

Monthly Billing Energy

Monthly billing energy shall be the sum of the interval billing energy for all intervals of the billing month. Interval billing energy shall be measured each thirty (30) minute interval of the month as the total kWh registered by an energy meter or meters. In no event shall the interval billing energy be less than zero (0).

OTHER APPLICABLE CHARGES FOR COMMISSIONING POWER AND/OR STARTUP POWER

Reactive Power Charge

The rates in this schedule are based upon the customer's monthly maximum Reactive Power (kVAR) requirement being no more than 30% of the monthly maximum demand (kW) requirement. When the Company determines the Reactive Power exceeds 30% of the monthly maximum demand (kW) requirement, the Company may install suitable measuring equipment at

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the metering point to determine the customer's monthly maximum kVAR and monthly maximum kW requirements.

For customers whose monthly maximum kVAR requirements exceed 30% of the monthly maximum kW requirement, an additional charge of \$0.33 will be assessed for each kVAR required above 30% of the monthly maximum kW requirement.

Tax Adjustment

The customer's bill shall be subject to adjustment under the provisions of the Company's Tax Adjustment Rider.

Metering Adjustment

The metered demand and energy values shall be subject to adjustment under the provisions of the Company's Metering Adjustment Rider.

Late Payment Charge

A late payment charge, pursuant to the Company's filed Service Charge Schedule, will be assessed on all delinquent bills.

TERM OF CONTRACT

Contracts for Startup Power under this schedule will be made for a period of not less than one year and shall remain in effect thereafter until either party shall give at least six (6) months' written notice to the other of the intention to terminate the contract. The Company reserves the right to require initial contracts for periods greater than one year.

Contracts for Commissioning Power under this schedule will be made for an initial period of up to six (6) months, but in no event shall remain in effect once the customer's generator achieves Commercial Operation. If the customer's generator has not entered Commercial Operation prior to the expiration of the initial contract term, the contract may be extended by mutual agreement between the Company and the customer. The Company reserves the right to enter into initial contracts for periods greater than six months.

The Company shall not be required to supply capacity in excess of that contracted for except by mutual agreement. Contracts will be made in multiples of 100 kW.

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SPECIAL TERMS AND CONDITIONS

This schedule is subject to the Company's Terms and Conditions of Service.

This schedule shall not obligate the Company to purchase or pay for any capacity or energy produced by the customer's generator or provide any transmission capacity for power produced by customer's generator.

The customer, at the customer's expense, will be required to install, maintain, and provide the Company access to a telephone line or other communication link deemed acceptable by the Company, which meets the Company's requirements for meter reading.

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SHEET NO. of 10 79-9
EFFECTIVE DATE 10/26/07

SCHEDULE: NON-UTILITY GENERATOR (NUG) SUSPENDED RATE CODE 330

ADDENDUM
Commissioning Power Service

- I. This Addendum supplements and amends the Contract for Service dated _____ by and between Public Service Company of Oklahoma (Company), and _____ (Customer) for service to the premises located at _____.
- II. The customer elects to take Commissioning Power Service as follows: (select one)
- _____ A. Service under the Company's Schedule NUG
 - _____ B. Service under the Company's Schedule LPL Transmission Service
 - _____ C. Service by remote self-supply from commonly owned generation facilities that are not located on the site of the customer's generator facility

In accordance with Schedule NUG, the customer hereby establishes the following:

1. Commissioning Power Contract Capacity of _____ kW.

III. Notification Requirement: _____

IV. This Addendum shall be in full force and effect when signed by the authorized representatives of the parties hereto.

Public Service Company of Oklahoma

(Customer)

By: _____
(Signature)

(Printed Name)

By: _____
(Signature)

(Printed Name)

Title: _____
Date: _____

Title: _____
Date: _____

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SHEET NO. 10 of 79 - 10
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SCHEDULE: NON-UTILITY GENERATOR (NUG) SUSPENDED **RATE CODE 330**

ADDENDUM
Startup Power Service

I. This Addendum supplements and amends the Contract for Service dated _____ by and between Public Service Company of Oklahoma (Company), and _____ (Customer) for service to the premises located at _____.

II. The customer elects to take Startup Power Service under the Company's Schedule NUG

In accordance with Schedule NUG, the customer hereby establishes the following:

1. Startup Contract Capacity of _____ kW.
2. Startup Duration of no more than _____ hours per event.
3. Startup Frequency of no more than _____ events per year.
4. Other Startup Characteristics of _____

III. Startup Generation Charge: _____

IV. Notification Requirement: _____

V. This Addendum shall be in full force and effect when signed by the authorized representatives of the parties hereto.

Public Service Company of Oklahoma

(Customer)

By: _____
(Signature)

(Printed Name)

By: _____
(Signature)

(Printed Name)

Title: _____
Date: _____

Title: _____
Date: _____

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DATA REQUEST

Riverside_PHDR_1_3

Presently, do other subsidiaries of AEP offer a tariff, schedule, or arrangement similar to Tariff N.U.G. and/or that addresses the self-supply or remote self-supply of station power? If so, please provide a copy of each such tariff, schedule or arrangement, identify its effective date, and describe in detail the manner in which self-supply and/or remote self-supply of station power is addressed.

RESPONSE

No. Non-utility generators are served, or would be served, under the generally applicable commercial and industrial tariffs of Kentucky Power's affiliates.

Witness: Ranie K. Wohnhas

