

Co-Generation/Small Power Production Service

Attached is AEP Ohio's Co-Generation/Small Power Production tariff - Schedule COGEN/SPP. Also attached is a sample Cogeneration and/or Small Power Production Application. The following information is provided to expand on some components of this tariff.

- This tariff is available to customer-generators installed, either behind the meter or directly to the grid, which are ≤ 20 MW and are a "Qualifying Facility" as defined by the Public Utility Regulatory Policies Act of 1978 (PURPA) and the Federal Energy Regulatory Commission (FERC) regulation implementing PURPA. The federal guidelines defining a "Qualifying Facility" per FERC, Title 18 CFR Part 292.101 is available at FERC's website www.ferc.gov . A Form 556 may be required to acquire a FERC QF Certificate.
 - If the generating system is smaller than 1 MW (1,000 kW) you may not be required to file Form 556 as long as it meets the QF requirements. You are exempt from filing Form 556 if the value on line 7g of Form 556 is ≤ 1 MW. Although such generating systems would be exempt from filing Form 556, they are not prohibited from filing it for self-certification or Commission certification.
 - Any generating system with a maximum net power production capacity greater than 1 MW, must file Form 556 either as a self-certification or as an application for Commission certification.
 - If you are required to file Form 556, then you must provide a copy of the FERC QF Certificate filing to AEP Ohio with the interconnection application.
- As with ALL tariffs, this one is subject to change from time to time. **Under no circumstance is there a commitment or guarantee from AEP Ohio that you will be "grandfathered" under the terms of this tariff for the duration that you operate your generating equipment system.**

P.U.C.O. NO. 21

SCHEDULE COGEN/SPP
(Cogeneration and/or Small Power Production)Availability of Service

This schedule 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 20 MW or less. All capacity values are measured in alternating current (AC). 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 Schedule:

- Option 1 - The customer does not sell any energy 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 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, if any, as determined by appropriate meters located at one delivery point.
- Option 3 - The customer sells to the Company the total energy produced by the customer's qualifying COGEN/SPP facilities, while simultaneously purchasing from the Company its total load requirements under the applicable rate schedule, as determined by appropriate meters located at one delivery point.

Monthly Charges for Delivery from the Company to the Customer
Supplemental Service

Available to the customer to supplement another source of power supply which will enable either or both sources of supply to be utilized for all or any part of the customer's total requirements.

Charges for energy, and demand where applicable, to serve the customer's net or total load shall be determined according to the supplemental service schedule established under the applicable Schedule. Option 1 and Option 2 customers with COGEN/SPP facilities having a total design capacity of more than 10 KW shall receive supplemental service under the general service schedule.

Local Facilities Charge

All Distributed Generation requirements including local facilities charges are subject to the Company's Minimum Requirements for Interconnection Service and Ohio Administrative Code 4901:1-22 (OAC).

The cost of any meter alteration such as but not limited to meter reprogramming, installation of interval data recorders etc. shall be paid by the customer as part of the Local Facilities Charge. Any COGEN/SPP facility greater than 100 kW will require an interval meter.

Under Option 3, when metering voltage for COGEN/SPP facilities is the same as the Company's delivery voltage, the customer shall, at the customer's option, either route the COGEN/SPP totalized output leads through the metering point, or make available at the metering point for the use of the Company and, as

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Issued by
Marc Reitter, President
AEP Ohio

P.U.C.O. NO. 21

SCHEDULE COGEN/SPP
(Cogeneration and/or Small Power Production)

specified by the Company, metering current leads which will enable the Company to measure adequately the total electrical energy produced by the qualifying COGEN/SPP facilities , as well as to measure the electrical energy consumption and capacity requirements of the customer’s total load. When metering voltage for COGEN/SPP facilities is different from the Company’s delivery voltage, metering requirements and charges shall be determined specifically for each case.

Monthly Credits or Payments for Energy Deliveries
COGEN/SPP Facilities of 100 kW or less

The rate to be applied to the electrical energy delivered to the Company shall be the average annual total real-time Locational Marginal Price (LMP) at the AEP Ohio residual aggregate pricing node less the applicable average PJM Operating Reserve Balancing Charge for the billing year. The LMP shall be the average annual rate for the twelve month period ended of April of the previous year. The average rate shall be adjusted by the Seasonal Winter and Summer Billing Factors as calculated in the Company’s Standard Service Offer Master Supply Agreement.

Winter.....2.564¢ per KWH
Summer.....2.219¢ per KWH

Seasonal Periods

The winter period shall be the billing months of October through May and the summer period shall be the billing months of June through September.

The charges computed under this schedule shall be adjusted annually on June 1 of each year.

COGEN/SPP Facilities Greater Than 100 kW

The payment for the electrical energy delivered to the Company shall be computed using the real-time hourly price (LMP) at the AEP Ohio residual aggregate pricing node. The customer shall also pay for applicable PJM Operating Reserve Balancing Charges, which will be made available upon request. If the actual LMP is not available at the time of billing, the bill will be estimated and trued up when that actual LMP becomes available.

Terms

Customers on this schedule will receive a monthly invoice that nets the customer’s energy credits with all other charges. If the monthly invoice results in an overall credit to the customer and is less than \$100, then no payment will be issued and the credit will be applied to the next monthly invoice. If the monthly invoice results in an overall credit to the customer and is more than \$100, residential customers will be issued a payment in the form of a debit card and nonresidential customers will receive payment in the form of a check. The Monthly credit will appear under the line item “Customer Generation Credit” on the billing invoice.

Term of Contract

Contracts under this schedule shall be made for a period not less than one year.

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Cogeneration and/or Small Power Production Application

Customer's Name: _____

Service Address: _____

City: _____ State: OH Zip Code: _____

Account Number: _____

Telephone Number: _____ E-mail Address: _____

Contact Person (if different than Customer): _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone Number: _____ E-mail Address: _____

This application is for electric service under the Ohio Power Company (dba AEP Ohio) ("Company") Schedule COGEN/SPP (Cogeneration and/or Small Power Production) for the above customer ("Customer"). Under Section 210 of the Public Utility Regulatory Policies Act of 1978 (PURPA) the Customer qualifies for Schedule COGEN/SPP. The generating facility is located on the Customer's premises (located at the same address as Customer's account) and will operate in parallel with the Company's transmission and distribution systems. The Customer must complete an interconnection application and receive approval to interconnect in order to qualify for Schedule COGEN/SPP. An Interconnection Agreement must be secured and the Customer's equipment must be inspected before the generator may deliver energy to the Company and take electric service under Schedule COGEN/SPP.

The Customer-generator facility qualifies for Schedule COGEN/SPP as it is a **Solar** type generator, which is one of those qualifying facilities identified in PURPA. Total rated generating capacity of the Customer-generator to be used and billed under Schedule COGEN/SPP, is _____ kW.

The Customer has selected Option ____ under this schedule:

Option 1 - The Customer does not sell any energy 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 produced by the Customer's qualifying COGEN/SPP facilities in excess of the Customer's load, and purchases from the Company its net load requirements, if any, as determined by appropriate meters located at one delivery point.

Option 3 - The Customer sells to the Company the total energy 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.

Cogeneration and/or Small Power Production Application

The Customer acknowledges that it has read the Company's Schedule COGEN/SPP and agrees to all terms and conditions contained therein, including without limitation those specified in the Company's Minimum Requirements for Interconnection Service. Specifically, the Customer understands and agrees that a meter, which is capable of registering the flow of electricity in each direction, must be in service at the facility. If a meter is not in service with this capability, the Customer must submit a written request for the Company at the Customer's cost to acquire, install, maintain, and read an approved meter. All costs related to this meter shall be borne by the Customer. Customer further accepts responsibility for interconnection costs and the Local Facilities Charge.

Requested By:

Customer Name (Print)

Authorized Signature

Date

Approved By:

Name (Print)

Company Signature

Date

Rejected By:

Name (Print)

Company Signature

Reason for Rejection

Date

