

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.**

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 100 KW or less. 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.

For customers with COGEN/SPP facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity greater than 100 KW, the Company shall negotiate a contract for service on an individual case basis which shall include energy payments and may include capacity payments, if appropriate.

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 General Service 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 demand-metered rate schedules (Schedule GS-2 or GS-3 depending upon the customer's load characteristics).

Filed pursuant to Order dated February 25, 2015 in Case No. 13-2385-EL-SSO

Issued: April 24, 2015

Effective: June 1, 2015

Issued by
Pablo Vegas, President
AEP Ohio

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

Backup and Maintenance Service

Options 1 and 2 customers having a total design capacity of more than 10 KW shall be required to purchase service under the applicable General Service Schedule to replace energy from COGEN/SPP facilities during the maintenance and unscheduled outages of its COGEN/SPP facilities.

Additional Charges

There shall be additional monthly 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:

Option 1 - Where the customer does not sell electricity to the Company, a detente 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.

Option 2 & 3- Where meters are used to measure the excess or total energy purchased by the Company, the cost of the additional time-of-day metering facilities shall be paid by the customer as part of the Local Facilities Charge. In addition, a monthly distribution metering charge to cover the cost of operation and maintenance of such facilities shall be as follows:

Single Phase	\$ 3.50
Polyphase.	\$ 4.85

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 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.

Local Facilities Charge

Additional charges to cover "interconnection costs" incurred by the Company shall be reasonably determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at the customer's option, up to 36 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt nor the maximum rate permitted by law. If the customer elects the installment payment option, the Company shall require a security deposit equal to 25% of the total cost of the interconnection.

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

Monthly Payments for Energy Deliveries

The following time-of-day generation energy credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

On-peak KWH 2.111¢ per KWH
Off-peak KWH 1.556¢ per KWH

The above energy payments are subject to revisions from time to time as approved by the Commission.

On-Peak and Off-Peak Hours

For purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Term of Contract

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

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P.U.C.O. NO. 20

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 100 KW or less. 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.

For customers with COGEN/SPP facilities which qualify under Section 210 of the Public Utility Regulatory Policies Act of 1978, and which have a total design capacity greater than 100 KW, the Company shall negotiate a contract for service on an individual case basis which shall include energy payments and may include capacity payments, if appropriate.

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 General Service Schedule. Option 1 and Option 2 customers with facilities having a total design capacity of more than 10 KW shall receive supplemental service under demand-metered rate schedules.

Backup and Maintenance Service

Options 1 and 2 customers having a total design capacity of more than 10 KW shall be required to purchase service under the applicable General Service Schedule to replace energy from

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

COGEN/SPP facilities during the maintenance and unscheduled outages of its COGEN/SPP facilities.

Additional Charges

There shall be additional monthly 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:

- Option 1 - Where the customer does not sell electricity to the Company, a detent 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 purchased by the Company the cost of the additional time-of day metering facilities shall be paid by the customer as part of the Local Facilities Charge. In addition, a monthly distribution metering charge to cover the cost of operation and maintenance of such facilities shall be as follows:

	<u>Single Phase</u>	<u>Polyphase</u>
	\$	\$
Standard Measurement	8.40	15.85
T.O.D. Measurement	21.25	28.65

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 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.

Local Facilities Charge

Additional charges to cover "interconnection costs" incurred by the Company shall be reasonably determined by the Company for each case and collected from the customer. For Options 2 and 3, the cost of metering facilities shall be covered by the Monthly Metering Charge and shall not be included in the Local Facilities Charge. The customer shall make a one-time payment for the Local Facilities Charge at the time of installation of the required additional facilities, or, at his option, up to 36 consecutive equal monthly payments reflecting an annual interest charge as determined by the Company, but not to exceed the cost of the Company's most recent issue of long-term debt nor the maximum rate permitted by law. If the customer elects the installment payment option, the Company shall require a security deposit equal to 25% of the total cost of the interconnection.

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Monthly Credits or Payments for Energy Deliveries

The following generation energy credits or payments from the Company to the customer shall apply for the electrical energy delivered to the Company:

Standard Meter - All KWH 1.60¢ per KWH

T.O.D. Meter:

On-Peak KWH 1.67¢ per KWH

Off-Peak KWH 1.56¢ per KWH

Capacity Credit

If the customer contracts to deliver or produce a specified excess or total average capacity during the monthly billing period (monthly contract capacity), or a specified excess or total average capacity during the on-peak monthly billing period (on-peak contract capacity), then the following generation capacity credits or payments from the Company to the customer shall apply:

If standard energy meters are used,

A. \$0.90/KW/month, times the lowest of:

- (1) monthly contract capacity, or
- (2) current month metered average capacity, i.e., KWH delivered to the Company or produced by COGEN/SPP facilities divided by 730, or
- (3) lowest average capacity metered during previous two months if less than monthly contract capacity

If T.O.D. energy meters are used,

B. \$2.10/KW/month, times the lowest of:

- (1) on-peak contract capacity, or
- (2) current month on-peak metered average capacity, i.e., on-peak KWH delivered to the Company or produced by COGEN/SPP facilities divided by 305, or
- (3) lowest on-peak average capacity metered during previous two months, if less than on-peak contract capacity.

Filed pursuant to Order dated August 8, 2012 in Case No. 11-346-EL-SSO

Issued: August 16, 2012

Effective: Cycle 1 September 2012

Issued by
Pablo Vegas, President
AEP Ohio

P.U.C.O. NO. 20

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

The above energy and capacity credit rates are subject to revisions from time to time as approved by the Commission.

On-Peak and Off-Peak Hours

For purpose of this provision, the on-peak billing period is defined as 7 a.m. to 9 p.m. local time for all weekdays, Monday through Friday. The off-peak billing period is defined as 9 p.m. to 7 a.m. for all weekdays, all hours of the day on Saturdays and Sundays, and the legal holidays of New Year's Day, Presidents Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Charges for Cancellation or Non Performance Contract

If the customer should, for a period in excess of six months, discontinue or substantially reduce for any reason the operation of cogeneration and/or small power production facilities which were the basis for the monthly contract capacity or the on-peak contract capacity, the customer shall be liable to the Company for an amount equal to the total difference between the actual payments for capacity paid to the customer and the payments for capacity that would have been paid to the customer pursuant to this Schedule COGEN/SPP or any successor schedule. The Company shall be entitled to interest on such amount at the rate of the Company's most recent issue of long-term debt at the effective date of the contract.

Term of Contract

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

Filed pursuant to Order dated August 8, 2012 in Case No. 11-346-EL-SSO

Issued: August 16, 2012

Issued by
Pablo Vegas, President
AEP Ohio

Effective: Cycle 1 September 2012

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

SAMPLE