

PSC No: 120 - Electricity
New York State Electric and Gas Corporation
Initial Effective Date: July 27, 2015
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Revision: 12
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GENERAL INFORMATION

22. Farm Waste Electric Generating System Option

A. Applicable To

1. Any customer, residential or non-residential, who owns or operates farm waste electric generating equipment ("Facility"), that generates electric energy from biogas produced by the anaerobic digestion of agricultural wastes with a rated capacity of not more than 1000 kW, located and used at their "farm operation" as defined in Subdivision 11 of Section 301 of the Agriculture and Markets Law. Such definition states that a "farm operation" means the land and on-farm buildings, equipment, manure processing and handling facilities, and practices which contribute to the production, preparation and marketing of crops, livestock and livestock products as a commercial enterprise, including a "commercial horse boarding operation" as defined in subdivision thirteen of this Section 301 of the Agriculture and Markets Law.
2. Any non-residential customer that owns or operates a Facility that is located and used at their premises.

B. Operations

The Facility must be manufactured, installed and operated in accordance with applicable government and industry standards. Such Facility must be connected to the Company's electric system and operated in parallel with the Company's transmission and distribution facilities. The Facility must be fueled, at a minimum of 90% on an annual basis, by biogas produced from the anaerobic digestion of agricultural waste such as livestock manure materials, crop residues and food processing waste. The Facility must be fueled by biogas generated by anaerobic digestion with at least 50% by weight of its feedstock being livestock manure materials on an annual basis. The customer, at its expense, shall promptly provide to the Company all relevant, accurate and complete information, documents, and data, as may be reasonably requested by the Company, to enable the Company to determine whether the customer is in compliance with these requirements.

C. Eligible Capacity

The Farm Waste Electric Generating System Option will be available to eligible customers, on a first come, first served basis, until the total rated generating capacity for solar, farm waste, MCHP and fuel cell electric generating equipment owned, leased or operated by customer-generators in the Company's service area is equivalent to 169,560 kW (six percent of the Company's electric demand for the year 2005).

D. Interconnection

Customers electing service under this provision must operate in compliance with standards and requirements set forth in the Distributed Generation Interconnection Requirements found in P.S.C. No. 119 - Electricity, Section 9 and Addendum-SIR to P.S.C. No. 119. In addition, customers must execute the NYS Standardized Contract For Interconnection of New Distributed Generation Units With Capacity of 2 MW or Less Connected in Parallel with Utility Distribution Systems ("SIR Contract"), as contained within Addendum-SIR of P.S.C. No. 119 - Electricity.

E. Metering

For a net metered customer, the Company will install metering appropriate for the customer's service classification that enables the Company to measure the electricity delivered to the customer and measure the electricity supplied by the customer to the Company. Where the Company determines that a second meter should be installed, no additional costs shall be billed to the customer. When a second meter is requested by the customer that is not required by the Company, the customer will be responsible for the cost of the meter, the installation and any additional costs.

F. Billing

For each billing period during the term of the SIR Contract, the Company will net the electricity (kWh) delivered to the customer with the electricity (kWh) supplied by the customer to the Company.

1. Facility Located and Used for Farm Operations

a. Non-Hourly Pricing

- i) If the electricity (kWh) supplied by the Company exceeds the electricity supplied by the customer to the Company during the billing period, the customer shall be billed for the net kWh supplied by the Company to the customer at the standard service class rates. For customers billed on time-differentiated rates (TOU meter), e.g., On-Peak/Off-Peak or Day/Night, netting will occur in each time period.

ISSUED BY: James A. Lahtinen, Vice President Rates and Regulatory Economics, Binghamton, New York

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GENERAL INFORMATION

30. Fuel Cell Electric Service Option (cont'd.)

A. Residential (Cont'd)

Upon the Company's determination that the customer has taken service under this Section while in violation of the conditions of service set forth herein, the customer shall forfeit any positive balance accrued during the annual period in which the violation occurred.

Pursuant to the Standard Interconnection Requirements set forth within Addendum-SIR of P.S.C. No.119, customers are responsible for providing all meter boxes and sockets. In the event that the Company determines that it is necessary to install a dedicated transformer or transformers, or other equipment to protect the safety and adequacy of electric service provided to other customers, the customer-generator shall pay for the cost of installing the transformer or transformers, or other equipment up to a maximum amount of \$350.00. The Company will not charge any additional fuel cell electric specific interconnection costs incurred by the Company other than \$350.00 for dedicated transformers, or other equipment, if necessary. Customers are responsible for any costs related to the installation of their fuel cell generating equipment. Notwithstanding the provisions herein, residential fuel cell electric customers are responsible for meeting all otherwise applicable provisions and requirements of P.S.C. Nos. 119 and 120.

A Residential customer who own or operate a farm operation (as defined by Agriculture and Markets Law §301(11)), and locates fuel cell generating equipment on property he or she owns or leases, is eligible for remote net-metering as set forth in Rule 30.B(4)(b).

B. Non-Residential Electric Service Option

1. Applicable to:

- a. Applicable to any Non-Residential Customer who owns, leases or operates fuel cell generating equipment located and used at their premises. Fuel cell generating equipment is defined as a solid oxide, molten carbonate, proton exchange membrane or phosphoric acid fuel cell with a combined rated capacity of not more than 2,000 kilowatts that is manufactured, installed and operated in accordance with applicable government and industry standards. Such system must be connected to the customer's electric system and operated in accordance with applicable government and industry standards, that is connected to the electric system and operated in conjunction with the Company's transmission and distribution facilities, and that is operated in compliance with any standards and requirements established under this section.
- b. Application of the Fuel Cell Non-Residential Service Option will be available to eligible customers, on a first come, first served basis, until the total rated generating capacity for solar, farm waste, MCHP and fuel cell electric generating equipment owned, leased or operated by customer-generators in the Company's service area is equivalent to 169,560 kW (6% of the Company's electric demand for the year 2005) and is available only in non-network areas of the Company's territory.
- c. Customers electing service under this provision must execute a New York State Standardized Contract for Interconnection of New Distributed Generation Units with Capacity of 2 MW or Less Connected in Parallel with Utility Distribution Systems ("SIR Contract"). In addition, customers must operate in compliance with standards and requirements set forth in the New York State Standard Interconnection Requirements and Application Process for New Distributed Generators 2 MW or Less Connected in Parallel with Utility Distribution Systems, as set forth within Addendum-SIR of Schedule P.S.C. No. 119.

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