



Orange and Rockland Utilities, Inc.  
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New York NY 10003-0987  
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December 21, 2011

Honorable Jaclyn A. Brillig  
Secretary  
State of New York  
Public Service Commission  
Three Empire State Plaza  
Albany, New York 12223

RE: Case No. 11-E-0323 – Tariff Filings to Effectuate Amendments to Public Service Law §66-j and §66-l (Remote, Micro-Hydroelectric, and Fuel Cell Net Metering) and Conforming Changes to Standardized Interconnection Requirements.

Dear Secretary Brillig:

Orange and Rockland Utilities, Inc. ("O&R" or the "Company") hereby submits for electronic filing revisions to its Schedule for Electric Service, P.S.C. No. 2 – ELECTRICITY ("Tariff"). The tariff leaves implementing the Company's revisions are set forth in Appendix A. These leaves are issued December 21, 2011 to become effective April 1, 2012.

#### Reason for Filing

Net metering was expanded by Chapters 530 and 546 of the 2011 Laws of New York, which enacted amendments to Public Service Law ("PSL") §66-j. Chapter 530 extended net metering to non-residential customers that own, lease or operate fuel cell generating equipment, with a total rated capacity of not more than 1.5 MW, located and used at the customer's premises. Chapter 546 extended net metering both to residential customers that own or operate micro-hydroelectric ("Micro-Hydro") generating equipment, with a rated capacity of not more than 25 kW, located and used at the customer's residence, and to non-residential customers that own or operate Micro-Hydro generating equipment, with a rated capacity of not more than 2 MW, located and used at the customer's premises.

On November 21, 2011, the Commission issued its Order Modifying and Authorizing Remote Net Metering Tariffs, Modifying Standardized Interconnection Requirements, and Requiring Micro-Hydroelectric and Fuel Cell Tariff Filings (the "Order") in Case 11-E-0323. Ordering Clause 2 of the Order directed the Company to file tariff changes to provide for the net metering of Micro-Hydro and fuel cell generating facilities, pursuant to the statutory changes.

#### Summary of Tariff Changes

The Company has made the following changes to Rider N - Net Metering for Customer-Generators and to General Information Section No. 8A, Interconnection of Non-Company Generating Equipment:

- Rider N, Net Metering for Customer-Generators, has been reorganized to delete redundant language and to combine relevant sections. Prior to this reorganization, Rider N was divided into three Sections: A (Farm Waste and Non-Residential Solar Electric Generator Service), B (Small Residential Electric Solar, Micro Combined Heat and Power ("Micro-CHP") and Fuel Cell Electric Generator Service), and C (Residential, Farm, and Non-Residential Wind Electric Generator Service). Each of these sections had its own language for metering, billing, remote net metering and interconnection standards and charges. In this filing, the Company has consolidated these sections, thereby eliminating redundant text and clarifying Rider N. The technologies eligible for service under Rider N are outlined in the "Applicability" section of the revised Rider N. The language describing rules for metering, billing, remote net metering, and interconnection standards and charges now appears only once in Rider N. The changes described above have also been made in the new Schedule for Electric Service, P.S.C. No. 3, proposed by the Company in a December 19, 2011 filing made in compliance with the Commission's Order Establishing Rates for Electric Service, issued June 17, 2011, in Case No. 10-E-0362<sup>1</sup>. A housekeeping filing will need to be made prior to April 1, 2012 conforming the language of the filings made today and on December 19, 2011.
- The Company has extended Rider N to any customer with Micro-Hydro generating equipment located and used at the customer's premises, provided (a) in the case of a residential customer, such equipment has a rated capacity of not more than 25 kW, or (b) in the case of a non-residential customer, such equipment has a rated capacity of not more than 2 MW. The Company has also extended Rider N to any non-residential customer with fuel cell electric generating equipment located and used at the customer's premises, provided such equipment has a rated capacity of not more than 1.5 MW.
- As specified in PSL §66-j(3)(a)(iii), net metering will be available to solar, farm waste, Micro-CHP, fuel cell, and Micro-Hydro generating equipment until the total equipment owned, operated, or leased and served under Rider N is equivalent to one percent of the Company's electric demand for 2005 (i.e., 10.4 MW).
- If the Company determines that it is necessary to install a dedicated transformer(s) or other equipment to protect the safety or adequacy of electric service provided to other customers: (a) residential net-metered customers with Micro-Hydro generating equipment will be required to pay up to \$350 (as specified in PSL §66-j(3)(c)(i)), and (b) non-residential net-metered customers with Micro-Hydro or fuel cell generating equipment with a rated capacity greater than 25 kW will be required to pay the Company's actual cost (as specified in PSL §66-j(3)(c)(iii)).

PSL 66-j is silent as to the contribution to costs of non-residential customers with Micro-Hydro or fuel cell electric generating equipment with a rated capacity of 25 kW or less. Although small, these generators have the potential to affect the Company's service to the customer-generator and to other customers. To address this gap in the statute and avoid shifting to the general body of ratepayers the costs of protecting the customer and the system against adverse impacts, the Company proposes to have the same type of cost recovery from these customers as from non-residential customers with larger generators of the same type, that is, to require all non-residential customers with Micro-Hydro or fuel cell

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<sup>1</sup> Case No. 10-E-0362, Proceeding on Motion of the Commission as to the Rates, Charges, Rules and Regulations of Orange and Rockland Utilities, Inc. for Electric Service.

generating equipment to pay the Company's actual cost of any upgrade of the customer's service or the Company's local system if they are not adequate for net-metered export and system safety and reliability. The Company's cost would include a site-specific design review to support the Company's determination of required upgrades.

- As specified in PSL §66-j(5-a)(b), in the event that the total rated capacity of electric generation equipment that provides electricity to the Company through the same local feeder line exceeds 20 percent of the rated capacity of the local feeder line, a customer who requests to connect residential Micro-Hydro will be required to comply with reasonable safety measures.
- As required by PSL 66-j(4)(b), any kWh of net energy provided to the Company by a net-metered non-residential customer with fuel cell electric generating equipment will be converted to a monetary credit based on the Company's avoided energy cost (i.e., the rate specified in Special Provision F of Service Classification No. 15). The credit will be applied towards charges issued in the billing period. Any remaining monetary credits will be carried forward to the succeeding billing period. This practice will be the same as that applicable to residential customers having fuel cell or Micro-CHP electric generating equipment.

Any kWh of net energy provided to the Company during the billing period by net-metered customers with Micro-Hydro generation will be treated in the same manner as net energy provided by other generators, except Micro-CHP or fuel cells. That is, (a) for a customer billed under energy rates, net energy provided to the Company will be applied as a kWh credit towards any net kWh used during the succeeding billing period; and (b) for a customer billed under demand rates, net energy provided to the Company will be converted to the equivalent monetary value at the per-kWh rate applicable to the customer's service classification and applied towards outstanding charges in the billing period. If any monetary credit remains on a demand-billed account, it will be converted back to its kWh value and carried forward to the succeeding billing period.

- As required by PSL §66-j(4)(c), an annual reconciliation will be performed. Residential customers with Micro-Hydro generation will be subject to the reconciliation that is applicable to other residential net-metered customers. That is, the monetary credit will be issued for the value of any kWh credit remaining after the reconciliation, calculated at the Company's avoided energy cost (i.e., the rate specified in Special Provision F of Service Classification No. 15). Non-residential customers with Micro-Hydro generation will have any excess kWh credits carried forward to the next year.
- Because customers with Micro-CHP and/or fuel cells receive credits based on avoided energy cost, and customers with other forms of generation receive credits at the service classification rate, the Company's current tariff provision under "Applicability" indicates that residential customers with load served by solar and/or wind generation cannot take service on the same net-metered account with load served by micro-CHP and/or fuel cell generation. The Company has expanded the provision to indicate that any customer (i.e., residential or non-residential) with load served by solar, wind, and/or Micro-Hydro generation cannot take service on the same net metered account with load served by Micro-CHP and/or fuel cell generation.

Conclusion and Notice

The Company will provide for public notice of the tariff changes in this filing by means of newspaper publication once a week for four consecutive weeks prior to the effective date of the proposed tariff changes.

Questions regarding this filing can be directed to me at (212) 460-3308.

Very truly yours,

/s/

William A. Atzl, Jr.  
Director – O&R Rates

**Orange and Rockland Utilities, Inc.**  
**Case No. 11-E-0323**  
**Proposed Tariff Leaves effective April 1, 2012**

**P.S.C. No. 2 Electricity**

9th Revised Leaf No. 18D	8th Revised Leaf No. 22L-29
8th Revised Leaf No. 18E	2nd Revised Leaf No. 22L-29-1
5th Revised Leaf No. 22L-22	9th Revised Leaf No. 22L-30
9th Revised Leaf No. 22L-23	8th Revised Leaf No. 22L-31
5th Revised Leaf No. 22L-23A	4th Revised Leaf No. 22L-31-1
8th Revised Leaf No. 22L-24	5th Revised Leaf No. 22L-32
1st Revised Leaf No. 22L-24A	6th Revised Leaf No. 22L-33
6th Revised Leaf No. 22L-25	4th Revised Leaf No. 22L-34
8th Revised Leaf No. 22L-26	8th Revised Leaf No. 22L-35
2nd Revised Leaf No. 22L-26A	5th Revised Leaf No. 22L-36
1st Revised Leaf No. 22L-26B	5th Revised Leaf No. 22L-37
8th Revised Leaf No. 22L-27	6th Revised Leaf No. 22L-38
5th Revised Leaf No. 22L-28	4th Revised Leaf No. 22L-39

**GENERAL INFORMATION**

**8A. INTERCONNECTION OF NON-COMPANY GENERATING EQUIPMENT (Continued)**

A. GENERATORS OPERATED IN PARALLEL WITH THE COMPANY'S DISTRIBUTION SYSTEM (Continued)

- (2) The following provisions are applicable to customers with private generating facilities on their premises not connected directly to transmission facilities that (i) commenced operation prior to February 1, 2000; or (ii) commenced operation between February 1, 2000 and December 30, 2004, and either have a total nameplate rating between 301 kVA and 2 MW or between 401 kW and 2 MW in the case of Farm Waste Generators or are connected to a network system; or (iii) have a total nameplate rating greater than 2 MW and are connected in parallel with the distribution system:
  - (a) Such facilities shall abide by the Company's "Operating, Metering, and Equipment Protection Requirements for Parallel Operation of Generating Facilities" appropriate for the nameplate rating of the customer's generator; and
  - (b) The customer shall notify the Company of all changes in customer's generating equipment prior to making such changes and shall allow the Company's representatives access to those facilities at all reasonable times.

Customers connecting to transmission facilities shall be subject to interconnection requirements imposed by the New York State Independent System Operator.

(3) Residential Small Electric Solar, Micro-Combined Heat and Power ("Micro-CHP"), Micro-Hydroelectric ("Micro-Hydro") and Fuel Cell Electric Generators

Any residential customer taking service under Service Classification No. 1 or 19 and operating a qualifying (1) solar electric generator with a generating capacity of 25 kW or less, (2) Micro-CHP generator with a rated capacity of at least 1 kW and not more than 10 kW, (3) Micro-Hydro generator with a rated capacity of not more than 25 kW, or (4) fuel cell generator with a rated capacity of not more than 10 kW; located and used at the customer's residence in compliance with the provisions of Section 66-j of the New York State Public Service Law, is eligible for interconnection and net metering in accordance with Rider N.

(Continued)

## ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 18E  
SUPERSEDING 7th REVISED LEAF NO. 18E

## GENERAL INFORMATION

## 8A. INTERCONNECTION OF NON-COMPANY GENERATING EQUIPMENT (Continued)

A. GENERATORS OPERATED IN PARALLEL WITH THE COMPANY'S DISTRIBUTION SYSTEM (Continued)(4) Non-Residential Solar, Micro-Hydro, and Fuel Cell Electric Generators

Any non-residential customer taking service under Service Classification Nos. 2, 3, 9, 20, 21 or 22 and operating a qualifying (1) solar electric generator, with a generating capacity of not more than 2 MW, (2) Micro-Hydro generator with a rated capacity of not more than 2 MW, or (3) fuel cell generator with a rated capacity of not more than 1.5 MW; located and used at the customer's premises in compliance with the provisions of Section 66-j of the New York State Public Service Law, is eligible for interconnection and net metering in accordance with Rider N.

(5) Farm Waste Electric Generator

Any customer taking service under Service Classification No. 2, 3, 9, 20, 21, or 22 and operating a qualifying farm waste electric generator, with a generating capacity of 1,000 kW or less, located and used at the customer's "farm operation", as that term is defined in New York Agriculture and Marketing Law § 301(11), in compliance with the provisions of Section 66-j of the New York State Public Service Law, is eligible for interconnection and net metering in accordance with Rider N.

(6) Wind Electric Generating Equipment

Any residential customer taking service under Service Classification Nos. 1 or 19, and any farm service customer taking service under Service Classification Nos. 2, 3, 9, 20, 21, or 22 who owns or operates wind electric generating equipment located and used at his or her primary residence with a generating capacity of 25 kW or less in the case of a residential customer and 500 kW or less in the case of a farm service customer, in compliance with the provisions of Section 66-l of the New York State Public Service Law, is eligible for interconnection and net metering in accordance with Section (C) of Rider N of this Rate Schedule.

(Continued)

ISSUED: December 21, 2011

EFFECTIVE: April 1, 2012

ISSUED BY: William Longhi, President  
Pearl River, New York 10965Issued in compliance with Order of the Public  
Service Commission dated November 21, 2011  
in Case No. 11-E-0323.

## ORANGE AND ROCKLAND UTILITIES, INC.

5th REVISED LEAF NO. 22L-22  
 SUPERSEDING 4th REVISED LEAF NO. 22L-22

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators****Applicability:**

Customers served under Service Classification Nos. 1, 2, 3, 9, 19, 20, 21, and 22 with the following types of generating equipment located and used at the customer's premises and in compliance with the provisions of Sections 66-j or 66-l of the New York State Public Service Law are eligible for service under this Rider.

- (1) Farm waste electric generating systems with a rated capacity of not more than 1,000 kW, provided such equipment is located and used at the customer's farm operation as defined in Subdivision 11 of Section 301 of the Agricultural and Markets Law. 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, 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 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.
- (2) Farm wind electric generating equipment with a rated capacity of not more than 500 kW, provided such equipment is located and used at the customer's farm operation as defined in Subdivision 11 of Section 301 of the Agricultural and Markets Law, and which is also used at the location of the customer's primary residence.
- (3) For a non-residential customer, qualifying solar electric generating equipment, wind electric generating equipment, or micro-hydroelectric ("Micro-Hydro") generating equipment with a rated capacity of not more than 2 MW.
- (4) For a non-residential customer, qualifying fuel cell generating equipment with a rated capacity of not more than 1.5 MW.
- (5) For a residential customer, qualifying solar electric or Micro-Hydro generating equipment with a rated capacity of not more than 25 kW.
- (6) For a residential customer, qualifying wind electric generating equipment located and used at the customer's primary residence with a rated capacity of not more than 25 kW.

(Continued)

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## ORANGE AND ROCKLAND UTILITIES, INC.

9th REVISED LEAF NO. 22L-23  
 SUPERSEDING 8th REVISED LEAF NO. 22L-23

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Applicability: (Continued)**

- (7) For a residential customer, micro-combined heat and power ("Micro-CHP") generating equipment with a rated capacity of at least 1 kW and not more than 10 kW. Prior to commencing service under this Rider, a customer with Micro-CHP generating equipment must submit technical documentation, acceptable to the Company, establishing that the equipment meets the requirements specified in Public Service Law Section 66-j and in the SIR. No more than once annually thereafter, the Company may require the customer to submit technical documentation in order to establish continued eligibility. A customer who fails to provide documentation acceptable to the Company within 30 days of a Company request will be deemed ineligible to take service under this Rider until the first billing cycle commencing after acceptable documentation is provided.
- (8) For a residential customer, fuel cell generating equipment with a rated capacity of not more than 10 kW.

Customers with generators that exceed the rated capacity thresholds in (1) - (8) above are required to take service under Service Classification No. 25 of this Rate Schedule.

If a customer has solar, wind, and/or Micro-Hydro generating equipment as well as Micro-CHP and/or fuel cell electric generating equipment, each eligible for service under this Rider, the customer will qualify for service under this Rider only if the load served by the residential Micro-CHP and/or fuel cell electric generating equipment is not served under the same net-metered account as the load served by the solar, wind, and/or Micro-Hydro generating equipment.

Service under Rider N will be offered, on a first come, first served basis, to a limited level of participation. The total of the rated generating capacity of all the farm waste, residential solar, non-residential solar, Micro-CHP, Micro-Hydro, and fuel cell electric generators in the Company's service area shall not exceed 10.4 MW, or 1.0% of the Company's 2005 system peak demand. The total of the rated generating capacity of all residential, non-residential and farm wind electric generators in the Company's service area shall not exceed 3.1 MW, or 0.3% of the Company's 2005 system peak demand.

(Continued)

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 Pearl River, New York 10965

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## ORANGE AND ROCKLAND UTILITIES, INC.

5th REVISED LEAF NO. 22L-23A  
 SUPERSEDING 4th REVISED LEAF NO. 22L-23A

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Remote Net Metering**

Customers with farm waste, farm wind, non-residential solar, or non-residential wind generating equipment who take service under this Rider will be allowed to apply net energy produced by their generating equipment to other electric accounts subject to the following conditions:

- (1) The account for electric service at the premises where the electric generating equipment is located shall be designated the "Host Account." The account(s) to which net energy is applied shall be designated the "Satellite Account(s)." All Satellite Accounts must be in the in the same NYISO zone as the Host Account and must be located within the Company's service territory as defined in General Information Section No. 1. A Satellite Account shall have only one Host Account, and such Satellite Account shall not be a net metered customer-generator nor take service under Service Classification Nos. 15 or 25.
- (2) The Host Account and Satellite Account(s) shall be established in the same customer name and located on property owned or leased by the customer. The Company reserves the right to require the customer to prove that the properties served by the Host Account and all Satellite Accounts are owned or leased by the same customer.
- (3) The customer shall designate in its initial application for remote net metered service the Host Account and Satellite Account(s) that will be remote net metered. The customer may designate additional Satellite Accounts or remove existing Satellite Accounts once per year, with the new designations to take effect commencing with the January bill issued on the Host Account. The customer shall designate whether all or a portion of the net energy credit remaining after being applied to the Host Account's bill shall be applied to the Satellite Account(s).

(Continued)

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 Pearl River, New York 10965

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ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-24  
SUPERSEDING 7th REVISED LEAF NO. 22L-24

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

**Metering**

At the discretion of the Company, one or two meters will be used to separately meter the flow of energy in each direction. If the customer requests metering equipment that is not required by the Company, such metering equipment shall be installed at the customer's expense.

Meter Upgrades shall be made in accordance with General Information Section 7.C. (5). Customer Meter Ownership and Competitive Metering Services are available as described in General Information Section Nos. 7.C. (3) and 7.C. (4), respectively. Eligible customers selecting Competitive Metering Services must obtain Competitive Metering Services for all meters on the account.

**Billing**

For purposes of this section, "applicable tariff rate per kWh" refers to all per kWh charges applicable to service provided to similarly situated full service customers in the same Service Classification who do not generate electricity.

The Company will employ net energy metering to measure and charge for the net energy supplied and/or delivered by the Company as follows:

- (1) If the amount of energy supplied and/or delivered by the Company exceeds the amount of energy supplied to the Company (net purchase by customer), in a billing period in the case of Service Classification Nos. 1, 2, and 3, or in a time-of-use rating period in the case of Service Classification Nos. 9, 19, 20, 21, and 22, the customer will be billed for such net purchase at the rates specified in the customer's otherwise applicable Service Classification, including applicable demand charges.

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ORANGE AND ROCKLAND UTILITIES, INC.

1st REVISED LEAF NO. 22L-24A  
SUPERSEDING ORIGINAL LEAF NO. 22L-24A

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

**Billing: (Continued)**

(2) If during a billing period the amount of energy supplied to the Company exceeds the amount of energy supplied and/or delivered by the Company (net sale by customer), in a billing period in the case of Service Classification Nos. 1, 2, and 3, or in a time-of-use rating period in the case of Service Classification Nos. 9, 19, 20, 21, and 22, the following rules shall apply:

(a) For farm waste, farm wind, non-residential solar, non-residential wind, non-residential Micro-Hydro, residential Micro-Hydro, residential solar, or residential wind customer-generators that do not participate in Remote Net Metering

(i) Non-Demand Billed Customers:

The net sale amount in kWh shall be transferred to the next billing period, and time-of-use rating period if applicable, and added to any kWh net sales by the customer in that billing period.

(ii) Demand Billed Customers:

The net sale amount in kWh shall be converted to its equivalent monetary value at the applicable tariff rate per kWh and applied as a direct monetary credit to the customer's current utility bill for any outstanding energy, customer, demand, or other charges. For customers served under Rider B, such applicable tariff rate shall exclude the System Benefits Charge, Renewable Portfolio Standard Charge, and the Revenue Decoupling Mechanism Adjustment. If the customer's current month's energy production credits exceed the current bill, the remaining credits shall be converted back to kWh values and carried forward to the succeeding billing month.

(b) For Micro-CHP or fuel cell customer-generators, the net sale amount will be converted to a monetary credit based on the rate specified in Special Provision F of Service Classification No. 15. The monetary credit will be applied on the customer's electric bill towards any outstanding customer or other charges in the billing period. Any remaining monetary credit will be carried forward to the succeeding billing period.

(Continued)

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Pearl River, New York 10965  
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## ORANGE AND ROCKLAND UTILITIES, INC.

6th REVISED LEAF NO. 22L-25  
SUPERSEDING 5th REVISED LEAF NO. 22L-25**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Billing: (Continued)**

(2) (Continued)

- (c) For customer-generators that participate in Remote Net Metering, the net sale amount in kWh shall be converted to its equivalent monetary value at the Host Account's applicable tariff rate per kWh and applied, along with any prior period remaining monetary credits, as a direct monetary credit to the Host Account's electric bill for any outstanding energy, demand, customer, or other charges. For a Host Account served under Rider B, such applicable tariff rate shall exclude the System Benefits Charge, Renewable Portfolio Standard Charge, and the Revenue Decoupling Mechanism Adjustment. If the Host Account's monetary credits exceed the outstanding electric charges, all or a portion of the remaining monetary credit, as designated by the customer in its application for remote net metered service, shall be applied to the Satellite Account(s) in the order in which the Satellite Account(s) are billed until such time that the monetary credit is reduced to zero or all Satellite Account(s) have been credited. If more than one Satellite Account bills on the same day, the monetary credit shall be applied to the Satellite Accounts in order of kWh usage from highest to lowest.

If a monetary credit remains after all Satellite Accounts are credited the remainder of the monetary credit shall be carried forward to the succeeding billing period on the Host Account

At the end of an annual period for farm waste, farm wind, residential solar, residential Micro-Hydro, or residential wind electric generators not participating in Remote Net Metering, any cumulative net sale by the customer will be purchased by the Company at the rate specified in Special Provision F of Service Classification No. 15. At the end of an annual period for farm waste or farm wind electric generators participating in Remote Net Metering, any monetary credit that remains after the crediting of all Satellite Account(s) will be converted back to the equivalent kWh at the rate in effect for the current billing period applicable to the Host Account's Service Classification. Such kWh equivalent will be purchased by the Company at the Rate specified in Special Provision F of Service Classification No. 15. A customer with farm waste, farm wind, residential solar or residential wind electric generators may make a one-time selection of the month in which such annual purchase will occur, which will become the new annual purchase month in subsequent years. A monetary refund will be issued to the customer for the amount resulting from such net sale. At year end, any cumulative net sale for non-residential solar, wind, or Micro-Hydro electric generators will be carried over to the next year.

(Continued)

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## ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-26  
 SUPERSEDING 7th REVISED LEAF NO. 22L-26

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Billing: (Continued)**

- (3) The requirement that the billing demand for the billing months of October through May inclusive shall not be less than 70% of the highest metered demand for the preceding billing months of June through September inclusive as contained in Service Classification Nos. 2 and 3, "Determination of Demand", shall not apply to farm operation or non-residential solar or wind customer-generators taking service under this Rider, but shall apply to any Satellite Account participating in Remote Net Metering.
- (4) The minimum billing demand requirement contained in Service Classification Nos. 3 and 20, "Determination of Demand" shall not apply to farm operation or non-residential solar or wind customer-generators taking service under this Rider, but shall apply to any Satellite Account participating in Remote Net Metering.
- (5) Customers will be required to pay the applicable customer charge of the applicable service classification regardless whether the amount of electricity generated by the customer is less than, equal to, or greater than the amount of electricity used by the customer.

**Interconnection and Other Technical Requirements**

- (1) The generating equipment must be designed, installed, interconnected, tested, and operated in accordance with applicable government, industry, and Company standards.
- (2) A customer taking service under this Rider and interconnecting with the Company's distribution system must operate its facility in accordance with the Addendum - SIR.
- (3) The customer shall notify the Company of all changes in the customer's generating equipment prior to making such changes and shall allow the Company's representatives access to those facilities at reasonable times.
- (4) The customer must permit the Company to enter the property, without notice when necessary, in the event the customer's generation equipment malfunctions and entry is necessary to protect the public safety or preserve system reliability.

(Continued)

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ISSUED BY: William Longhi, President  
 Pearl River, New York 10965

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 Case No. 11-E-0323.

## ORANGE AND ROCKLAND UTILITIES, INC.

2nd REVISED LEAF NO. 26A  
 SUPERSEDING 1st REVISED LEAF NO. 26A

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Interconnection and Other Technical Requirements (Continued)**

- (5) Dedicated Transformer(s) or Other Equipment - The Company will notify the customer if a dedicated service transformer, transformers or other equipment is required. Where a dedicated transformer or other equipment is required, customer taking service under this Rider shall pay for the actual costs of installing such transformer(s) or other equipment up to a maximum amount of:
- (a) \$350 for solar electric generating equipment or residential Micro-Hydro generating equipment with a rated capacity up to 25 kW;
  - (b) \$350 for Micro-CHP or residential fuel cell generating equipment with a rated capacity up to 10 kW;
  - (c) \$750 for residential, farm, or non-residential wind electric generating equipment with a rated capacity up to 25 kW;
  - (d) \$5,000 for farm waste electric generating equipment; and
  - (e) \$5,000 for farm wind electric generating equipment with a rated capacity greater than 25 kW and no greater than 500 kW.
  - (f) For non-residential solar or non-residential wind electric generating equipment with a rated capacity greater than 25 kW, and no greater than 2 MW, such costs will be determined by the Company, subject to review by the Commission at the request of the customer.
  - (g) For non-residential Micro-Hydro generating equipment with a rated capacity no greater than 2 MW, such costs will be determined by the Company, subject to review by the Commission at the request of the customer.
  - (h) For non-residential fuel cell generating equipment with a rated capacity no greater than 1.5 MW, such costs will be determined by the Company, subject to review by the Commission at the request of the customer.

(Continued)

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 Pearl River, New York 10965

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 Case No. 11-E-0323.

## ORANGE AND ROCKLAND UTILITIES, INC.

1st REVISED LEAF NO. 22L-26B  
 SUPERSEDING ORIGINAL LEAF NO. 22L-26B

**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Interconnection and Other Technical Requirements (Continued)**

- (6) Customers with wind electric generating equipment with a rated capacity of 25 kW or more shall be required to pay to the Company, prior to commencement of service under this Rider, one-half of the costs deemed necessary by the Company to permit interconnected operations with the customer, including half the cost of a second meter if required by the Company, to the extent such costs are in excess of the corresponding costs which the Company would have incurred had the customer taken service under the otherwise applicable service classification of this Rate Schedule. All such facilities will remain the property of the Company. Such interconnection costs are in addition to the cost of dedicated transformer(s) or other equipment, if required, as set forth in subparagraph (5) above.
- (7) If a customer requests to connect wind, farm waste, non-residential Micro-Hydro, or non-residential solar electric generating equipment that will provide electricity to the Company, such Customer must comply with reasonable measures established by the Company to ensure the safety of the local feeder line if the total rated generating capacity of the electric generating equipment on that feeder line exceeds or will exceed 20 percent of the rated capacity of the local feeder line.
- (8) The Customer is solely responsible for providing adequate protection for customer's facilities operating in parallel with the Company's system. Except where caused by the Company's negligence, the Company will not be liable for, and the customer shall indemnify and hold the Company harmless for damages to the property of the Company or others or injuries to persons arising out of any occurrence related to the customer's ownership, use or operation of the customer's facilities.
- (9) Voltage Regulation and Power Factor Correction -- The customer is responsible for voltage regulation beyond the point of common coupling. The customer is strongly advised not to add power factor correction capacitors to a facility where it is possible to operate isolated from the utility.
- (10) Additional Generation -- Generation that does not qualify for net metering may not be interconnected with the utility on the same service.

(Continued)

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## ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-27  
SUPERSEDING 7th REVISED LEAF NO. 22L-27**GENERAL INFORMATION****SERVICE CLASSIFICATION RIDERS****RIDER N****Net Metering for Customer-Generators (Continued)****Interconnection and Other Technical Requirements (Continued)**

- (11) Stray Voltage in Dairy Barns -- Upon receipt of a signed application to interconnect and before any construction takes place, the Company reserves the right to perform a stray voltage investigation. There will be no charge for this stray voltage investigation.
- (12) Reclosers and Single Phasing — The Company practices reclosing. Lines may trip and close several times during a single disturbance. Closing may occur as quickly as 0.2 seconds or as late as five minutes following a trip. Fused circuit laterals are common on rural distribution circuits. Fused laterals increase the possibility of single-phasing. Although these reclosing and fusing practices place no additional requirements on the interconnection, the customer should consider additional protection for the generator.

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

5th REVISED LEAF NO. 22L-28  
SUPERSEDING 4th REVISED LEAF NO. 22L-28

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-29  
SUPERSEDING 7th REVISED LEAF NO. 22L-29

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

2nd REVISED LEAF NO. 22L-29-1  
SUPERSEDING 1st REVISED LEAF NO. 22L-29-1

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

9th REVISED LEAF NO. 22L-30  
SUPERSEDING 8th REVISED LEAF NO. 22L-30

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-31  
SUPERSEDING 7th REVISED LEAF NO. 22L-31

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

4th REVISED LEAF NO. 22L-31-1  
SUPERSEDING 3rd REVISED LEAF NO. 22L-31-1

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

5th REVISED LEAF NO. 22L-32  
SUPERSEDING 4th REVISED LEAF NO. 22L-32

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

6th REVISED LEAF NO. 22L-33  
SUPERSEDING 5th REVISED LEAF NO. 22L-33

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

(Continued)

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ORANGE AND ROCKLAND UTILITIES, INC.

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SUPERSEDING 3rd REVISED LEAF NO. 22L-34

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

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ORANGE AND ROCKLAND UTILITIES, INC.

8th REVISED LEAF NO. 22L-35  
SUPERSEDING 7th REVISED LEAF NO. 22L-35

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

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SUPERSEDING 4th REVISED LEAF NO. 22L-36

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

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ORANGE AND ROCKLAND UTILITIES, INC.

5th REVISED LEAF NO. 22L-37  
SUPERSEDING 4th REVISED LEAF NO. 22L-37

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

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6th REVISED LEAF NO. 22L-38  
SUPERSEDING 5th REVISED LEAF NO. 22L-38

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

RESERVED FOR FUTURE USE

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ORANGE AND ROCKLAND UTILITIES, INC.

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SUPERSEDING 3rd REVISED LEAF NO. 22L-39

**GENERAL INFORMATION**

**SERVICE CLASSIFICATION RIDERS**

**RIDER N**

**Net Metering for Customer-Generators (Continued)**

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