

**Village of Hyde Park Electric Department**

**Tariff No. NM-1 Net Metering**

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## **1. AVAILABILITY**

This tariff shall apply to Hyde Park Electric (“HPE”) customers who: (1) take service under another applicable HPE tariff, (2) have received approval pursuant to 30 V.S.A. §§ 8010, 219a and 248 from the Vermont Public Utility Commission (“Commission”) for a net-metered system or a net-metered system as provided for in Commission Rule 5.100, and (3) employ an eligible system to generate electricity primarily for their own use and which from time to time generates electricity in excess of the customer’s then current needs and is connected to deliver such excess electricity to HPE’s distribution system.

## **2. RULES, REGULATIONS AND STATUTES**

HPE acknowledges the existence of Commission Rule 5.100, and the Revised Net Metering Program, as ordered by the Commission on June 8, 2017, relative to net metering, as well as various state statutes governing net-metering. Rule 5.100, the Revised Net- Metering Program and the applicable statutes, as they may be amended from time to time, are hereby incorporated into and made a part of this tariff. To the extent that the applicable statutes, Rule 5.100, the Revised Net-Metering Program, or any part thereof, may be inconsistent with this tariff, the applicable statutes, the Revised Net-Metering Program, and/or Rule 5.100 shall control in accordance with law. Customers must conform to all applicable requirements of 30 V.S.A. §§ 8010, 219a as it existed on December 31, 2016, and 248 and to Commission Orders, Rules, Regulations, or electrical safety, power quality, and interconnection requirements pertaining to self-generation of energy for net-metering. This tariff provision shall not supersede any terms and conditions of any other tariff provision under which the customer takes service from HPE, which other terms and conditions shall continue to apply.

### **Certificate of Public Good (“CPG”)**

Any customer seeking to take service in accordance with this tariff shall be required to submit written registration or application for a CPG under 30 V.S.A. §§ 8010, 219a as it existed on December 31, 2016, and 248, or under revised Commission Rule 5.100, to the Commission on forms specified by the Commission, follow all procedures specified in those forms, and obtain such CPG from the Commission before connecting any eligible system to the HPE’s distribution system or to any portion of the member’s own electric system that is itself connected to the HPE’s electric distribution system. A CPG for a net-metering system is automatically transferred when the property with the net-metering system is sold or otherwise conveyed. The new owner may commence net-metering provided that the new owner:

- (1) agrees to operate and maintain the net-metering system according to the terms and conditions of the CPG and in compliance with the Commission Rule 5.100; and

(2) files a transfer form provided by the Commission with HPE and the Commission.

### **3. INTERCONNECTION REQUIREMENTS**

Commission Rule 5.500 governs the connection of all net-metering systems. Any customer seeking to take service in accordance with this tariff will bear the costs of any equipment necessary to interconnect the net-metering system to HPE's distribution grid and any distribution system upgrades necessary to ensure system stability and reliability. Charges are due prior to interconnection to cover the cost of distribution system improvements necessary to safely and reliably serve the net-metering customer.

### **4. ENERGY EFFICIENCY AUDIT**

Any residential customer seeking to take new service in accordance with this tariff, with energy consumption of 750 kWh per month that is based upon the past two year's average kWh consumption, or in the absence of such consumption data, an estimated average based on two months consumption, and/or any commercial or industrial customer on a demand rate regardless of average use shall be required to obtain an Energy Efficiency Audit prior to submitting an application to the Commission.

The Energy Efficiency Audit may be provided by Efficiency Vermont or any other vendor/contractor approved by HPE. The Energy Efficiency Audit must provide a summary of energy efficiency options, savings, and recommendations. The customer, at its discretion, shall decide to implement the recommendations or not. However, this requirement shall be waived by HPE in the event that the customer can demonstrate that the structure(s) taking service under this tariff received a 5 Star energy efficiency rating or equivalent rating or conducted an Energy Efficiency Audit accepted by HPE within the past ten (10) years.

In the event that HPE approves an audit from someone other than Efficiency Vermont or consents to a waiver of the Efficiency Audit upon satisfaction of the criteria set forth above, HPE shall provide such approval or waiver in writing. The customer shall provide such written approval, waiver, or evidence of the completed Efficiency Vermont audit in its application for a CPG prior to the installation of the net-metering system.

### **5. PRE-EXISTING SOLAR NET-METERING CREDITS**

Customers of HPE entitled to a credit under 30 V.S.A. section 219a(h)(1)(K), as the statute existed on December 31, 2016, shall receive a credit per kWh, as set forth below, in accordance with the

terms of that section, and shall, except as provided in 30 V.S.A. § 219a(h)(1)(l) as it existed on December 31, 2016, own any renewable energy credits associated with the production on which the credit is calculated. An additional meter at the premises of the net metering customer may be necessary to implement this credit and the net metering customer shall bear the cost of the additional meter. Projects whose completed application was filed on or after January 1, 2017 are not eligible for the Solar Net Metering Credit.

After the initial 10-year period referenced on page 5. Solar Net-Metering Credits, the rate applied to excess generation shall be as provided in Commission Rule 5.126 or its successor. A CPG amendment will not extend the ten (10)-year period during which a pre-existing system will receive the incentive provided for in Section 219a(h)(1)(A).

**Solar Net-Metering Credit**

Applicable to all projects for a period of ten (10) years commencing with the project’s installation date and whose completed application was filed as defined below in a. and b.:

- a. prior to January 1, 2015: \$0.03275 per kWh
- b. on or after January 1, 2015; before January 1, 2017:
  - Projects of 15 kW or less capacity: \$0.03275 per kWh
  - Projects greater than 15 kW capacity: \$0.02275 per kWh

**6. EXCESS GENERATION, BLENDED RESIDENTIAL RATE; ADJUSTORS**

For net-metering systems whose completed application was filed on or after January 1, 2017 the blended residential rate, as provided for in section 5.127(A) of Rule 5.100 or the Revised Net-Metering Program, as ordered by the Commission on June 8, 2017, is applicable to excess generation kWh, and is set forth below:

**The Blended Residential Rate: \$0.16295 per kWh**

The blended residential rate is the rate multiplied by excess generation kWh and applied as an additional credit on the customer’s bill. The credit applies to all charges on the bill not identified as non-by-passable in this tariff. If application to such charges does not use the entire balance of the credit, the remaining balance of the credit shall appear on the customer’s bill. Any accumulated monetary credits shall be used by the customer within twelve (12) months. Any credits not used by the customer within 12 months shall revert to HPE without any compensation to the individual net- metering system customer. Accumulation of credits shall not result in any financial payments to the customer.

For net-metering systems whose completed application was filed prior to January 1, 2017, and whose completed application was either filed at a time when net-metering was being offered by HPE pursuant to 30 V.S.A §219a(h)(1)(A) as the statute existed on December 31, 2016, or qualified under state law as a system that did not count towards the capacity limit on net-metering contained in that statute, the rate applicable to excess generation kWh during the ten (10) years following commissioning shall be:

1. The rate applied to excess generation kWh to calculate the monetized excess generation credit at the applicable tail block energy rate.
2. If such a net-metering system is interconnected directly to the electric company through a separate production meter whose primary purpose is to measure the energy generated by the system, the rate applied to all generation kWh to calculate the monetized excess generation credit shall be the applicable tail block energy rate.

At the conclusion of this ten (10)-year period, pre-existing net-metering systems will receive the blended retail rate for excess generation and will not be subject to any siting or REC adjustors.

## **7. RENEWABLE ENERGY CREDIT (“REC”) ADJUSTOR**

For systems whose completed application was filed prior to January 1, 2017, the REC adjustor is not applicable. For systems whose completed application was filed on or after January 1, 2017, the applicable REC adjustor is set forth in its CPG, as a cents per kWh rate, at the time of issuance by the Commission. The Adjustor applies to all charges on the bill not identified as non-by-passable in this tariff.

The REC Adjustor is determined according to whether the system applicant has elected to either: (A) retain ownership of any RECs generated by the system; or (B) transfer system RECs to HPE, as defined by Commission Rule 5.100. Such assignment is irrevocable.

A zero or positive REC Adjustor applies for a period of ten (10) years; a negative REC adjustor applies in perpetuity. As defined by Commission Rule 5.100, an election to retain or transfer the RECs associated with a net-metering system is irrevocable. A zero or positive REC Adjustor applies for a period of ten (10) years from the commissioning date of the system; a negative REC adjustor applies in perpetuity. Hydroelectric facilities net-metering under this tariff and Commission Rule 5.100 are not subject to a REC Adjustor.

**Positive REC Adjustor: Transfer of RECs by Customer to HPE**

For projects whose completed application was filed on or after January 1, 2017 and prior to July 1, 2018, a positive REC adjustor is three (3) cents per kWh rate multiplied by all kWh from the production meter and applied as an additional credit on the customer's bill for the first ten (10) years from the commissioning date of the system.

For projects whose completed application was filed on or after July 1, 2018, and prior to July 1, 2019, a positive REC adjustor is two (2) cents per kWh rate multiplied by all kWh from the production meter and applied as an additional credit on the customer's bill for the first ten (10) years from the commissioning date of the system.

For projects whose completed application was filed on or after July 1, 2019, a positive REC adjustor is one (1) cent per kWh rate multiplied by all kWh from the production meter and applied as an additional credit on the customer's bill for the first ten (10) years from the commissioning date of the system.

For projects whose completed application was filed on or after February 2, 2021, the REC adjustor for the period between February 2, 2021, and September 1, 2022 is \$0.00 kWh.

The REC adjustor applicable to customers who elect to transfer RECs to the utility shall remain \$0.00 kWh for the period beginning September 1, 2022, and ending June 30, 2024.

**Negative REC Adjustor: Customer Retention of RECs**

A negative REC adjustor is three (3) cents per kWh rate multiplied by all kWh from the production meter and applied as an additional charge on the customer's bill, in perpetuity. The negative \$0.03 adjustor applies to all net-metering systems for which a complete certificate of public good ("CPG") application was filed with the Commission on or after January 1, 2017, and before February 2, 2021.

The REC adjustor applicable to customers who elect to retain RECs shall remain at negative \$0.04 kWh for the period beginning September 1, 2022, and ending June 30, 2024. The negative \$0.04 REC adjustor applies to all net-metering systems for which a complete CPG application was filed with the Commission on or after February 2, 2021, and on or before June 30, 2024.

## 8. SITING ADJUSTOR

For systems whose completed application was filed on or after January 1, 2017, the applicable Siting Adjustor is set forth in its CPG, as a cents per kWh rate, at the time of issuance by the Commission. For systems whose completed application was filed prior to January 1, 2017, the Siting Adjustor is not applicable.

### Positive Siting Adjustor

A positive siting adjustor is the cents per kWh rate to be multiplied by all kWh from the production meter and applied as an additional credit on the customer's bill for the first ten (10) years from the date the system is commissioned.

### Negative Siting Adjustor

A negative Siting adjustor is the cents per kWh rate to be multiplied by all kWh from the production meter and applied as an additional charge on the customer's bill, in perpetuity. The Siting Adjustor is determined by evaluating whether the system qualifies according to the Category as defined by Commission Rule 5.100, and hydroelectric facilities net-metering under this tariff and Commission Rule 5.100 are not subject to a Siting Adjustor.

### Siting Adjustor Categories

All net metering systems, except for hydroelectric facilities, shall qualify for one of four categories, as follows:

Category I – a net-metering system that has a capacity of 15 kW or less.

Category II – a net-metering system that has a capacity greater than 15 kW and less than or equal to 150 kW, and is sited on a preferred site as defined in Commission Rule 5.100.

Category III – a net-metering system that has a capacity greater than 150 kW and less than or equal to 500 kW, and is sited on a preferred site as defined in Commission Rule 5.510.

Category IV – a net-metering system that has a capacity greater than 15 kW and less than or equal to 150 kW, and that is not located on a preferred site as defined in Commission Rule 5.100.

### Siting Adjustors

A zero or positive Siting Adjustor applies for a period of 10 years from the commissioning date of the system. A negative Siting Adjustor applies in perpetuity.

For projects whose completed application was filed on or after January 1, 2017, and prior to July 1, 2018, the applicable Siting Adjustors are as follows:

- Category I = (\$.01 per kWh) / 1 cent per kWh;
- Category II = (\$.01 per kWh) / 1 cent per kWh;
- Category III = (-\$.01 per kWh) / negative 1 cent per kWh;
- Category IV = (-\$.03 per kWh) / negative 3 cents per kWh;
- Hydroelectric facilities = (zero per kWh) / 0 cents per kWh.

For projects whose completed application was filed on or after July 1, 2018, and prior to February 2, 2021, the applicable Siting Adjustors are as follows:

- Category I = (\$.01 per kWh) / 1 cent per kWh;
- Category II = (\$.01 per kWh) / 1 cent per kWh;
- Category III = (-\$.02 per kWh) / negative 2 cent per kWh;
- Category IV = (-\$.03 per kWh) / negative 3 cents per kWh;
- Hydroelectric facilities = (zero per kWh) / 0 cents per kWh

For projects whose completed application was filed on or after February 2, 2021 and prior to September 2, 2021, the applicable Siting Adjustors are as follows:

- Category I = (\$.00 per kWh) / zero cent per kWh;
- Category II = (\$.00 per kWh) / zero cent per kWh;
- Category III = (-\$.03 per kWh) / negative 3 cent per kWh;
- Category IV = (-\$.04 per kWh) / negative 4 cents per kWh;
- Hydroelectric facilities = (zero per kWh) / 0 cents per kWh

For projects whose completed application was filed on or after September 1, 2021, and prior to September 2, 2022, the applicable Siting Adjustors are as follows:

- Category I = (-\$.01 per kWh) / negative 1 cent per kWh;
- Category II = (-\$.01 per kWh) / negative 1 cent per kWh;
- Category III = (-\$.04 per kWh) / negative 4 cent per kWh;
- Category IV = (-\$.05 per kWh) / negative 5 cents per kWh;
- Hydroelectric facilities = (zero per kWh) / 0 cents per kWh

For projects whose completed applications were filed on or after September 1, 2022, and on or before June 30, 2024, the applicable Siting Adjustors are as follows:

- Category I = (-\$.02 per kWh) / negative 2 cents per kWh;
- Category II = (-\$.02 per kWh) / negative 2 cents per kWh;
- Category III = (-\$.05 per kWh) / negative 5 cents per kWh;
- Category IV = (-\$.06 per kWh) / negative 6 cents per kWh;
- Hydroelectric facilities = (zero per kWh) / 0 cents per kWh

## 9. OTHER REQUIREMENTS

Pursuant to Commission Rule 5.133(A)(3), HPE charges the following fees for the establishment, correction and maintenance of net metering accounts:

- a. \$30.17 is a one-time account establishment fee that contributes toward the cost incurred to set- up each individual net-metering customer into the billing and accounting system. The charge is applicable to each member of a group net-metered system.
- b. \$30.17 is an account correction fee is due per occurrence from an individual net-metering customer and each member of a net-metering group. The account correction fee applies to transferring ownership or control of an individual net-metering account to another customer, as well as a change in the method of allocating net-metering credits and/or the addition or deletion of a customer account participant from a net-metering group.
- c. \$4.09 is a monthly account maintenance fee applicable to net-metering participants, to include each individual member of a net-metering group.

## 10. NON-BYPASSABLE CHARGES

As defined by Commission Rule 5.100, non-by-passable charges are those charges on the electric bill defined in HPE's tariffs that apply to all customers regardless of whether they utilize net-metering or not. A customer is liable for payment of non-by-passable charges regardless of whether the customer has a credit balance resulting from net-metering. This list identifies these non-by-passable charges, to include the Customer Charge, Energy Efficiency Charge, Energy Assistance Program Charge, and any rental, purchase and/or financing charges

For net-metering projects whose completed CPG applications were filed prior to January 1, 2017, and whose completed application was filed at a time when net-metering was being offered by HPE pursuant to 30 V.S.A. section 219a(h)(1)(A), as the statute existed as of December 31, 2016, net metering credits may be used to offset non-by-passable charges for the ten year period beginning with the date the project was commissioned; after the initial ten year period net metering credits may not be used to offset the non-by-passable charges enumerated above.

## **11. INDIVIDUAL NET-METERING SYSTEMS METERING; BILLING**

### **Production Meter**

For individual net-metered systems whose completed applications were filed on or after January 1, 2017, and the net metering system is interconnected directly to HPE's distribution system, a separate production meter is required. The primary purpose of a production meter is to measure the energy generated by the net-metering system. HPE installs a production meter adjacent the standard utility meter. The customer shall bear the cost of the meter and metering installation and HPE shall own the meter and metering installation. \$283.38 is the charge to install the required second production meter. Replacements of the meter and/or metering installation shall be borne by the Customer.

### **Energy Measurement and Billing**

At the end of the billing period, should electricity consumed by the customer exceed electricity produced by the net-metering system, the customer will be billed the difference, net of any credit accumulated in the preceding 12 months. Credits may not be applied to non-by-passable charges as identified in this tariff. If the electricity produced by the net-metering system exceeds the electricity consumed, the excess generation will be monetized at the applicable blended residential rate as provided for in this tariff. The monetized credit applies to all charges on the bill not identified as non-by-passable in this tariff. If application of such charges does not use the entire balance of the credit, it will be applied to a future bill. Accumulated credits shall be used by the customer within twelve (12) months. Any credits not used by the customer within 12 months shall revert to HPE without any compensation to the individual net metering system customer. Accumulation of credits shall not result in any financial payments to the customer.

For the first ten (10) years after the system is commissioned, any zero or positive siting or REC adjustor set forth in the net-metering facility's CPG will be multiplied by the kWh from the production meter and applied to the bill as a credit. Any negative siting or REC adjustor set forth in the net metering facility's CPG will be multiplied by the kWh from the production meter and applied to the bill as an additional charge. If credits remain after being applied to all charges not identified in this tariff as non-by-passable charges, such credits will be tracked, applied, or carried forward on customer bills

## **12. GROUP NET-METERING SYSTEM METERING; REQUIREMENTS**

### **Production Meter**

For group net-metered systems whose completed applications were filed on or after January 1, 2017, and the net metering system is interconnected directly to HPE's distribution system, a separate

production meter is required. The primary purpose of a production meter is to measure the energy generated by the net-metering system. HPE installs a production meter adjacent the standard utility meter. The customer shall bear the cost of the meter and metering installation and HPE shall own the meter and metering installation. \$283.38 is the charge to install the required second production meter. Replacements of the meter and/or metering installation shall be borne by the Customer.

In addition to any other requirements set forth in 30 V.S.A. §§ 248 and 8010, and any applicable Commission Rules, a group must file the following information with HPE before a group system may be formed and served by the utility:

1. The meters to be included in the group system, all of which must be located within HPE's service territory.
2. The group shall provide and maintain a written designation to HPE of a person to receive any communications regarding the group net metering system or net metering that do not relate to billing, payment, or disconnection.
3. A process for adding and removing meters in the group and an allocation of any credits among the members of the group. This allocation may only be changed upon written notice to HPE by the designated contact person.
4. A binding process for resolving disputes among the members of a group relating to the net-metering system.

#### **Group Net-Metering Systems Directly Connected to the Grid**

For group net-metering systems directly connected to the utility grid, the electricity produced by the net-metering system will be allocated to the group members and monetized at the applicable blended residential rate. The monetized credit applies to all charges on the bill not identified as non-bypassable charges.

For the first 10 years after the system is commissioned, any zero or positive siting or

REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as credits.

Any negative siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as additional charges.

If monetary credits remain on group members' bills after being applied to all charges on the bills not identified as non-bypassable charges in this tariff, such credits must be tracked, applied, or carried forward on group member bills.

### **Group Systems That Are Not Directly Connected to the Grid**

For a customer who elects to wire group its net-metering system such that the system offsets consumption on the billing meter, the billing meter establishes the billing determinants for the customer's bill based on the rate schedule for the customer. At the end of the billing period, electricity produced is netted with electricity consumed on the generation account.

If electricity consumed on the generation account exceeds the electricity produced by the net-metering system, the customer must be billed the difference, net of any credit accumulated in the preceding 12 months. Credits may not be applied to non-bypassable charges identified in this tariff.

If the electricity produced by the net-metering system exceeds the electricity consumed, the excess generation will be allocated to group members and monetized at the applicable blended residential rate. The monetized credit applies to all charges on the bill not identified as non-bypassable charges in this tariff.

For the first 10 years after the system is commissioned, any zero or positive siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as credits.

Any negative siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as additional charges.

If credits remain on group members' bills after being applied to all charges on the bills not identified as non-bypassable charges in this tariff, such credits must be tracked, applied, or carried forward on group member bills.

### **Membership in Multiple Net-Metering Groups; Capacity**

Individual customer accounts may only be enrolled in one net-metering group at a time.

Customers with multiple accounts may enroll each account in a separate net-metering group. The cumulative capacity of net-metering systems allocated to a single customer may not exceed 500 kW.

### **13. DISCONNECTION OF NET-METERED SYSTEM**

#### **Permanent Disconnection**

The following procedures for permanent disconnection of a net-metering system do not supplant any applicable provisions from Commission regulations. A customer who receives service under this tariff who initiates a permanent disconnection of a net-metering system must notify HPE.

#### **Emergency Disconnection**

In the event that HPE must perform an emergency disconnection of a net-metering system, HPE will notify the customer within twenty-four (24) hours after the disconnection. For the purposes of this section, “emergency” is defined as a situation where as continued interconnection of the net-metering system is deemed to be imminently likely to result in significant disruption of service or endanger life or property. If the condition that resulted in the emergency disconnection has not been resolved within thirty (30) days of an emergency disconnection, HPE will file a disconnection petition with the Commission.

#### **Non-Emergency Disconnections**

Non-emergency disconnections will follow the same procedure as stated above, except that, pursuant to Rule 5.131(D), HPE will give written notice of the disconnection no earlier than ten (10) days and no later than three (3) working days prior to the first date on which the disconnection of the net-metering system is scheduled to occur, or on terms arranged with the customer.