

# NET METERING RATE – MDPU 149

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### Applicability

The following tariff provisions shall be applicable to a Host Customer, as defined herein, which requests net metering services from the Mansfield Municipal Electric Department (the “Department”). Service under this rate to any Host Customer is subject to the Department’s printed requirements and the Department’s Terms and Conditions – Distribution Service, each as in effect from time to time. The Department reserves the right to stop accepting applications for new solar capacity once a predetermined limit is reached on the distribution circuit where the solar array is to be located. Authorization from the Department’s administration at the time of the application will give applicant a ‘preliminary acceptance’ for up to 6 months to complete installation. If longer, applicant shall re-apply for ‘preliminary acceptance’ from the Department.

Service under this tariff is available to all Host Customers requesting net metering services for Net Metering Facilities with a design capacity less than 1 Megawatt on or after the Effective Date of this Tariff. Host Customers already receiving net metering service under the Department’s Net Metering Rate MDPU #134 and MDPU #147, which is closed to new customers as of the Effective Date of this Tariff, will continue to receive service under these Tariffs. Host Customers with Renewable Energy Facilities with a design capacity greater than 1 Megawatt are not eligible to receive service under this Tariff and must execute a Power Purchase Agreement with the Department.

### Section 1.01 Definitions

The terms set forth below shall be defined as follows, unless the context otherwise requires.

Billing Period means the period of time set forth in the Department’s terms and conditions for which the Department bills a Customer for its electricity consumed or estimated to have been consumed.

Class I Net Metering Facility means a plant or equipment that is used to produce, manufacture, or otherwise generate electricity that has a design capacity of 20 kilowatts (DC) or less. A Class I Net Metering Facility can only be installed behind the retail meter of a customer receiving service under the Department’s Residential rate (MDPU #138 or successor rate), Residential Off-Peak rate (MDPU#139 or successor rate) or Commercial rate (MDPU #140 or successor rate).

Class II Net Metering Facility means an Agricultural Net Metering Facility, Solar Net Metering Facility, or Wind Net Metering Facility with a generating capacity of more than 20 kilowatts (DC) but less than or equal to one megawatt. A Class II Net Metering Facility can only be installed behind the retail meter of a customer receiving service under the Department’s General Service Demand rate (MDPU #141 or successor rate)

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or Large General Service rate (MDPU #142 or successor rate) or Large General Service Interruptible Rate (MDPU #143 or successor rate).

Customer means any person, partnership, corporation, or any other entity, whether public or private, who obtains distribution service at a customer delivery point and who is a customer of record of the Department for its own electricity consumption.

Host Customer means a Customer with a Class I, or II Net Metering Facility that generates electricity on the Customer's side of the meter.

Interconnection Tariff means the Department's standards for interconnecting distributive generation sources.

ISO-NE means ISO New England Inc., the independent system operator for New England, or its successor, authorized by the Federal Energy Regulatory Commission to operate the New England bulk power system and administer New England's organized wholesale electricity market pursuant to the ISO-NE Tariff and operation agreements with transmission owners.

Net Metering means the process of measuring the difference between electricity delivered by a Department and electricity generated by a Class I or Class II Net Metering Facility and fed back to the Department.

Net Metering Credit means the monetary value of the excess electricity generated by a net metering facility, calculated pursuant to Section 1.05, below.

Net Metering Recovery Surcharge means the charge, calculated pursuant to Section 1.06 below, which is to be paid by a Host Customer and which recovers distribution revenues which would normally be recovered from the customer in the absence of a Net Metering Facility.

Renewable Energy means energy generated from any source that qualifies as a Class I or Class II Renewable Energy generating source under M.G.L. c. 25A, § 11F; provided, however, that after conducting administrative proceedings, the Department of Energy Resources, in consultation with the Department of Agricultural Resources, may add technologies or technology categories.

Solar Net Metering Facility means a facility for the production of electrical energy that uses sunlight to generate electricity and is interconnected to the Department.

Wind Net Metering Facility means a facility for the production of electrical energy that uses wind to generate electricity and is interconnected to the Department.

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### Section 1.02 Interconnection

Interconnection of net metering facilities is governed by the terms of the Department's Interconnection Service Agreement, the Interconnection Application, and this Tariff (within). The following information for Net Metering interconnection is required:

- (a) Completion of Interconnection Application and Interconnection Agreement;
- (b) Fulfillment of all information requests;
- (c) Metering and technical requirements; and
- (d) Termination and suspension provisions.

The Customer shall indicate its request for net metering on its Interconnection Application.

### Section 1.03 Metering and Reporting of Generation

1. Host Customers with a Class II Net Metering Facility and any Host Customers receiving grants and/or rebate funds from the MMED or the Commonwealth of Massachusetts shall install at the Host Customer's expense revenue-grade meters to measure the generator's kilowatt-hour ("kWh") output.
2. Unless otherwise agreed in writing with the Department, a Host Customer with a Class I Net Metering Facility and who is not receiving grants and/or rebate funds from the MMED or the Commonwealth of Massachusetts and who does not have a generation information system ("GIS") account at ISO-NE, will provide, if available, the inverter's generation information to the Department twice per calendar year: on or before January 31 and on or before September 30.
3. Unless otherwise agreed in writing with the Department, a Host Customer with a Class I Net Metering Facility, who does not have a GIS account at ISO-NE and does not otherwise have generation information available, shall provide all necessary information to, and cooperate with, the Department to enable the Department to estimate the annual generation.

### Section 1.04 Administration of Net Metering Credits

1. The Department shall calculate a Net Metering Credit as set forth in Section 1.05 below, and not bill a Host Customer for kWh usage, for any Billing Period in which the kWh generated by a Class I, or Class II Net Metering Facility exceed the kWh usage of the Host Customer.
2. The Department shall bill a Host Customer for excess consumption for any Billing Period in which the kWh consumed by a Host Customer exceed the kWh generated by a Class I, or Class II Net Metering Facility.

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### Section 1.05 Calculation of Net Metering Credits

1. For a Class I Net Metering Facility the Department shall calculate for each Billing Period a Net Metering Credit equal to the product of the:
  - (a) Excess kWh; and
  - (b) Sum of the following Department charges applicable to the rate class under which the Host Customer takes service:
    - (i) The Purchased Power Charge;
    - (ii) The Purchased Power Adjustment Charge; and
    - (ii) The Distribution kWh charge.
2. For a Class II Net Metering Facility, the Department shall calculate a Net Metering Credit for each Billing Period as the product of the:
  - (a) Excess kWh; and
  - (b) The sum of the Purchased Power Charge plus the Purchased Power Adjustment Charge or an agreed upon charge negotiated with the Net Metering Facility owner, whichever is less.
3. For any Billing Period for which the Department calculates a Net Metering Credit for a Host Customer, the Department shall apply the Net Metering Credit to the Host Customer's account. The Department shall carry forward, from Billing Period to Billing Period, any remaining Net Metering Credit balance.

### Section 1.06 Net Metering Recovery Surcharge

Any Host Customer with a Class I Net Metering Facility shall be billed a Net Metering Recovery Surcharge each month equal to \$2.00/kW multiplied by the AC capacity of the Net Metering Facility.

Any Host Customer with a Class II Net Metering Facility shall be billed a Net Metering Recovery Surcharge each month equal to \$1.15/kW multiplied by the billing demand for the Billing Period.

### Section 1.07 Renewable Energy and Environmental Attributes

1. For Renewable Energy Installations that are provided grants and/or rebate funds from the MMED or the Commonwealth of Massachusetts, the Department shall have ownership interest, and title to, renewable energy certificates, or environmental attributes, associated with the energy produced

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by the Net Metering Facility.

2. For those Renewable Energy Installations with no grants and/or rebates from the MMED or Commonwealth of Massachusetts, the provision of net metering services does not entitle the Department to ownership of, or title to, the renewable energy or environmental attributes, including renewable energy certificates, associated with any electricity produced by a Net Metering Facility.

TOWN OF MANSFIELD MUNICIPAL ELECTRIC DEPARTMENT  
MDPU 149  
Cancelling MDPU 147

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