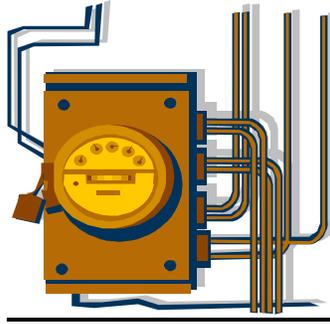


WOLFEBORO MUNICIPAL ELECTRIC DEPARTMENT
NET METERING PILOT PROGRAM

Customer-Owned Renewable Energy Generation Resources
(25 Kilowatts or Less)



Issued and Effective: April 3, 2008

Agreement Between

Barry A. Muccio (Agent)
Director of Operations
Wolfeboro Municipal Electric Department
Dated: _____

And

Dated: _____

WOLFEBORO MUNICIPAL ELECTRIC DEPARTMENT
NET METERING PILOT PROGRAM

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INTRODUCTION

Net metering for customer owned renewable energy sources (solar, wind, hydro) will be offered under the following provisions set forth by the Wolfeboro Municipal Electric Department as a pilot program. The purpose of this pilot program will be to explore the current technology being offered as renewable energy sources and to evaluate the effect on the Town of Wolfeboro Municipal Electric Department in regards to electrical line worker safety, distribution system performance, meter reading and billing practices. The goal will be to establish *future* policies which will remain consistent with prudent electrical practices set forth by the National Electric Safety Code, National Electrical Code and any other Federal, State and local government codes, while offering a mutual service agreement which is legal, objective, reliable and safe to both participating parties (utility and customer).

The Wolfeboro Municipal Electric Department does **not** encompass the jurisdiction set forth by the New Hampshire Public Utility Commission, Chapter PUC 900 (Net Metering for Customer-Owned Renewable Energy Generation Resources of 25 Kilowatts or Less). Therefore, not all of the provisions within the NHPUC 900 will pertain to the Wolfeboro Municipal Electric Department Net Metering Pilot Program Policy. However; applicable sections referenced within this document pertaining to the NHPUC 900 document will be followed as a means of establishing acceptable and proven standards of a net metering program by the Wolfeboro Municipal Electric Department.

As a pilot program the provisions within are subject to change upon the evaluation and establishment of an adopted Net Metering Policy. Being exploratory in nature, this policy will be subject to revisions in order to ensure that the Department's cost recovery of offering such a service is sufficiently balanced by the Customer's net benefit.

The Provisions of this agreement will be concurrent and in no way preclude or diminish the provisions set forth within the existing NHPUC No.11, Municipal Electric Department of Wolfeboro, NH "Tariff for Electric Service".

ARTICLE I. QUALIFICATIONS

The agreement for net metering between the Customer and the Wolfeboro Municipal Electric Department will be based on the premise of offsetting part or all of the Customer's *own* electrical requirements through the use of renewable energy technology. The wind, solar or hydro source must be located on the Customer's premises within the Wolfeboro Municipal Electric Department's franchise area and have a maximum installed resource capacity of 25 kW or less.

The Customer must complete an application for net metering as well as an application for electric service (if interconnected location is not a currently metered account). See page No.6: Net Metered Interconnection Application.

Customers not currently enrolled as a Wolfeboro Municipal Electric Department customers may be subject to reference referrals and deposits as defined within the current Electric Department Tariff.

ARTICLE II. BILLING

Net payments or credits will be determined on a monthly basis and billed or credited as part of the normal meter reading and billing cycle. If the “net in” kilowatt-hour (kWh) usage is in excess of the kilowatt-hour out generation; net payments must be made as billed under the customers current rate schedule or existing credits reduced by such amount. Potential future credits will not be considered as a method of offsetting the current balance of accounts. If the “net out” kilowatt-hour generation is in excess of the kilowatt-hour “in” usage recorded value, credits will be issued on the account which can be utilized to offset future (kWh) energy usage.

Customer’s kilowatt-hour (kWh) credits may be banked indefinitely as a means of crediting future kWh usage at the net metered location. Unused credits may **not** be transferred to other accounts or meters assigned to the customer besides that of the net metered account. In the event that a net metered account exits from the net metering program or changes ownership; the unused credits may **not** be transferred to the new owner and there shall be **no** payments or credits issued for any remaining excess generation to the initial customer. Net metered accounts which transfer ownership will require a resubmitted interconnection application depicting the information of the new Customer/Operator.

The monthly customer service charge for delivery services supplying a net metered service will be billed as follows:

- \$10 per month - Domestic Service (Residential) Rate
- \$12 per month - General Service Rate
- \$42 per month - General Service Demand Rate

This charge is intended as a means of offsetting the increased cost of the net metering equipment and associated administrative billing costs incurred by the Department. This charge is based on the rate service charge defined within the current Tariff, multiplied by two (2); which is reflective of the costs associated with the two reads required for the monthly net usage/generation tally.

Customer account balances must remain current and in good standing to be considered as a candidate for new and continued participation in the pilot net metering program.

ARTICLE III. METERING

The Department will furnish the interconnected location with a bi-directional meter which will have the capability to measure kilowatt-hours “incoming” from the utility as well as kilowatt-hours “outgoing” from Customer. These two reads will be tallied on a monthly basis to determine the “net” energy used or generated during that period.

The Customer will be responsible for providing the interconnected meter socket with combined manual disconnect switch assembly and associated equipment per standards set forth within the New Hampshire Code of Administrative Rules Puc 905.02 Disconnect Switch (See Attachment A.) , The National Electric Code and applicable service standard requirements of the Wolfeboro Municipal Electric Department. The meter socket cabinet or enclosure must be identified with a permanently affixed placard which clearly states: “NET METERED SERVICE”

ARTICLE IV. INTERCONNECTION:

- A. The Customer’s interconnected equipment must match the Department’s character of electric service at the point of delivery in regards to capacity, voltage, phasing and frequency. The electric services offered by the Wolfeboro Municipal Electric Department are as follows:

- Single-phase, alternating current at 60 Hertz - 120/240 volts
- Three-phase, (if available) alternating current at 60 Hertz - 120/208 volts
- Three-phase, (if available) alternating current at 60 Hertz - 277/480 volts

Any alterations or upgrades of the Department’s electrical distribution system required in order to accommodate the Customer’s net metered generation equipment, will be at the expense of the Customer and billed at the current applicable rate schedule for such improvements.

- B. Unless noted otherwise, the requirements for interconnection and compliance of the generation device will adhere to the standards set forth by The New Hampshire Code of Administrative Rules Puc 905: Technical Requirements For Interconnection For All Units, Puc 906: Compliance Path For Inverter Units and Puc 907: Compliance Path For Generation Units Not Using An Inverter.
- C. The Customer shall furnish, install and maintain equipment which will automatically isolate the net generation equipment from the Department’s distribution system in the event that there is an interruption or loss of the Departments electrical service resulting from any circumstance.

- D. The interconnection and isolation device must be inspected and initially tested by the installer or agent thereof with a representative of the Wolfeboro Municipal Electric Department present prior to final approval of interconnection. The guidelines for testing will be pursuant to the standards set forth by The New Hampshire Code of Administrative Rules Puc 905.04 Initial Testing. The cost associated for such services will be the responsibility of the Customer. The Customer will be notified in writing of the results of the testing and inspection and subsequent approval or disapproval to operate the interconnected generation equipment.
- E. The Wolfeboro Municipal Electric Department reserves the right to deny or revoke any new or existing application for the interconnection of a net metered renewable energy source if it is determined that such equipment may potentially degrade the Departments system integrity or worker's safety.
- F. The Department reserves the right to interrupt the deliveries of energy from any net metered suppliers at any time in order to install, repair, inspect, test, replace or remove any of the Department's equipment or electrical distribution system.
- G. The net metered generating equipment and facility must be located in an area which will not create a hazard to the Department's electrical distribution system.
- H. Any alterations or upgrades to the net metered generation equipment or operation thereof will require written notification to the Wolfeboro Municipal Electric Department as well as approval of such by the Department.

ARTICLE V. PERMITS

The Customer shall obtain and maintain all Town, State, and Federal authorizations, permits and licenses required for the construction, operation and maintenance of the generation facility throughout the operating term thereof. The Customer shall provide proof of such to the Department upon request.

ARTICLE VI. INSURANCE

As per standards set forth by The New Hampshire Code of Administrative Rules Puc 904.06 Insurance; the ECG (Eligible Customer Generator) shall not be required by the distribution utility or electricity supplier to purchase or maintain property insurance and/or comprehensive personal liability insurance to protect against potential liability resulting from the installation, operation and or ownership of the generation and interconnection facility

ARTICLE VII. INDEMNIFICATION

The following Mutual Indemnity Agreement provision as stated within the New Hampshire Code of Administrative Rules, Chapter Puc 900, Page 32, Appendix II, will be acknowledged as the Mutual Indemnity Agreement between the Wolfeboro Municipal Electric Department and the eligible net metered Customer-Generator.

“Each Party shall hold harmless, indemnify and defend the other Party and its directors, officers, agents and employees against any and all loss, liability, damage, or expense, including any direct, indirect or consequential loss, liability, damage, or expense, but not including attorney’s fees unless awarded by a court of competent jurisdiction, for injury or death to persons, including employees of either Party, and damage to property, including property of either Party, arising out of or in connection with intentional, willful, wanton, reckless or negligent conduct regarding (a) the engineering, design, construction, maintenance, repair, operation, supervision, inspection, testing protection or ownership of the Party’s facilities, or (b) the making of replacements, additions, or improvements to, or reconstruction of, the Party’s facilities. However, neither Party shall be indemnified hereunder for any loss, liability, damage or expense resulting from its sole negligence or willful misconduct. Notwithstanding the indemnity provisions contained herein, except for a Party’s willful misconduct or sole negligence, each Party shall be responsible for damage to its own facilities resulting from electrical disturbances or faults”.

Distribution Utility:

_____ Signature of Authorized Utility Personnel
Barry A. Muccio
Director of Operations
Wolfeboro Municipal Electric Department
Date Signed _____

Eligible Customer Generator:

_____ Signature of Customer Generator
_____ Printed/Typed Name of Customer
Date Signed _____

WOLFEBORO MUNICIPAL ELECTRIC DEPARTMENT
NET METERED-INTERCONNECTION APPLICATION

Customer-Owned Renewable Energy Generation Resources
(25 Kilowatts or Less)

Customer Applicant Information

Name: _____

Mailing Address: _____

Town: _____ State: _____ Zip Code: _____

Facility Location (if different from above): _____

Contact Phone #: _____ Cell #: _____

Electric Account # (if existing): _____

Energy Generation Source/Type (check one): Solar _____ Wind _____ Hydro _____

Generator Manufacturer: _____

Model, Name & Number: _____

Generation Output in Kilowatts _____ Phase (check one): Single _____ Three-phase _____

Inverter Manufacturer: _____

Model, Name & Number: _____

Installation Information & Certification

Installation Date: _____ Interconnection Date: _____

Installation Electrician: _____ License #: _____

Mailing Address: _____

Town: _____ State: _____ Zip Code: _____

Contact Phone #: _____ Cell #: _____

1. The system hardware is listed in compliance to Underwriters Laboratories standards to be in compliance with UL 1741:

Signed (Vendor): _____ Date: _____

Name (printed): _____ Company: _____

2. The system has been installed in compliance with local Building/Electrical Code of:

Town/ County _____

Signed (Inspector): _____ Date: _____

3. The initial start-up test (per standards of Puc 905.04) has been successfully completed:

Utility representative (check one): YES _____ NO _____

The initial start-up test completed by (vendor/installer): _____

The initial start-up test witnessed by (utility representative): _____

4. Applicant agrees to install and operate the system in accordance with the provisions set forth within this Document: Wolfeboro Municipal Electric Department Net Metering Pilot Program, Customer Owned Renewable Energy Resources (25Kilowatts or Less).

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Signature of Applicant: _____ **Date:** _____

The Customer Generator shall provide the Wolfeboro Municipal Electric Department with a written update of the information on this form as any changes occur throughout the term of the interconnection.

Attachment A.

NEW HAMPSHIRE CODE OF ADMINISTRATIVE RULES
CHAPTER Puc 900

Section Puc 905.02 Disconnect Switch.

- (b) Any generating unit that is required to install a manual disconnect switch for utility use shall meet the following requirements: *Note: (All units interconnected to the Wolfeboro Municipal Electric Department distribution system shall require a manual disconnect switch).*
- (1) The disconnect switch shall be an external, manual, visible, gang-operated, load break disconnecting switch;
 - (2) The EGC (Eligible Customer Generator) shall purchase, install, own, and maintain the disconnect switch;
 - (3) The disconnect switch shall be located between the power producing equipment and the interconnection point with the distribution utility system;
 - (4) The disconnect switch shall meet applicable standards established by Underwriters Laboratories, American National Standards Institute, the National Electric Code and Institute of Electrical and Electronic Engineers;
 - (5) The disconnect switch shall be clearly marked, “Generator Disconnect Switch” with permanent letters 3/8 inch or larger;
 - (6) The disconnect switch shall be located at a location on the property of the EGC mutually agreeable to the EGC and the distribution utility.
 - (7) The disconnect switch shall be readily accessible for operation and locking by distribution utility personnel; and
 - (8) The disconnect switch must be lockable in the open position with a standard padlock with 3/8 inch shank.
- (c) A “gang operated” switch, for the purposes of this section, means a switch in which the separate switches for each phase are operated as a group from a single control.

Source. INTERIM #5921, eff 11-7-94, EXPIRED 3-7-95

New. #7424, eff 1-12-01

