

## State of Vermont Public Service Board

### Application for a Certificate of Public Good for Net Metered Power Systems that are Non-Photovoltaic Systems Up to 150 kW (AC) in Capacity; or Photovoltaic Systems Greater Than 5 kW (AC) and up to 150 kW (AC) in Capacity<sup>1</sup>

Net Metering Customer Name (please print): \_\_\_\_\_

#### **General Instructions:**

Applicants must complete sections 1-3 and any other sections applicable to the type of system to be installed. Specific instructions for each type of system are included under the applicable section. For example, an applicant for a wind turbine system must complete sections 1-3, 5 and 8. **Failure to complete all applicable sections of this application may result in delay or denial.** Once the application form is completed, the applicant must mail the applicable sections of the completed application to the Public Service Board, the Vermont Department of Public Service, the applicant's respective utility, and to all other parties as specified in each of the sections applicable to the net metering project. For example, an applicant for a photovoltaic system installed on an existing structure is required to mail copies to the Public Service Board, the Department of Public Service, and his or her utility. Applicants must also submit a list of the persons that they have mailed a copy of the application in accordance with the instructions for each type of installation along with the completed application. It is recommended that the applicant contact their utility *prior to applying for a certificate* in order to determine whether the utility's capacity regarding net metering projects has been met. Please contact the Public Service Board at (802) 828-2358 if you have any questions regarding this application form.

#### **Notice To Those With Concerns About The Net Metering Proposal**

If you have received a copy of this application, you have the opportunity to comment on the project and to request a hearing before the Public Service Board to raise any concerns you may have regarding this project. For all systems *with the exception of photovoltaic systems on existing structures*, if you wish to comment to the Public Service Board about this proposal or request a hearing, you must file the comments with the Board and the applicant within 30 days of the date that the application was sent to the Board and all required parties, if you wish to request a hearing, you must include your request with your comments. With respect to photovoltaic systems on existing structures, if you wish to comment to the Public Service Board about this proposal, you must file the comments and any request for a hearing with the Board and the applicant within *ten* working days of the date that the application was sent to the Public Service Board and all required parties. If you request a hearing, you must make a showing that the application raises a significant issue regarding one or more of the substantive criteria pursuant to 30 V.S.A. § 248. The Board may determine to hear evidence on the issue if it concludes that the project raises a significant issue with respect to one or more of those substantive criteria. Comments and requests must be in writing and sent to the Board at 112 State Street, Montpelier, VT 05620-2701. If you have any questions, contact the Clerk of the Public Service Board at (802) 828-2358, e-mail address: [psb.clerk@state.vt.us](mailto:psb.clerk@state.vt.us).

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<sup>1</sup> Applicants for photovoltaic systems of 5 kW or less in capacity must use the Board's Net Metering Registration Form.

## Customer Information

- Section 1.

(Please print all information clearly)

Net Metering Customer Name: \_\_\_\_\_

Service Address (please include street name and number; no P.O. boxes): \_\_\_\_\_

Town/City/State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Mailing Address (if different from above): \_\_\_\_\_

Daytime telephone: \_\_\_\_\_

Utility Account #: \_\_\_\_\_

Property owner name (if different than above): \_\_\_\_\_

Mailing address: \_\_\_\_\_

Town/City/State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Daytime Telephone: \_\_\_\_\_

Date application was sent to the Public Service Board and other parties as required by type of net metering project:

\_\_\_\_\_

**Applicant must indicate the date the application was sent to the Board and other parties, and also submit a list of the names and addresses of the parties notified of this application along with the completed application.**

## Installer Information

- Section 2.

(Please print all information clearly)

Installer Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Town/City/State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Daytime Telephone: \_\_\_\_\_

e-mail Address: \_\_\_\_\_

## Certification

- Section 3.

The undersigned declares, under the pains and penalties of perjury, that:

- (1) having exercised due diligence and made reasonable inquiry, the information which I have provided on this form and any attachments is true and correct to the best of my knowledge;
- (2) the project for which this application seeks approval is in compliance with the land conservation measures contained in the applicable Town Plan which would apply if the project were not subject to 30 V.S.A. § 248;
- (3) the project is in compliance with all applicable state and federal requirements and has the necessary approvals for operation of this type of system;
- (4) any waste generated by the construction of this project will be disposed of at a state-approved disposal facility;
- (5) any construction activities will follow the recommendations of *the Vermont Erosion Control Handbook* (available from the Agency of Natural Resources, 1-802-241-3770);
- (6) the system is covered by an insurance policy with a minimum general liability of \$100,000 for residential systems and \$300,000 for non-residential sites;
- (7) the system will be installed in compliance with the interconnection safety and technological requirements of Public Service Board Rule 5.100; and
- (8) I have sent a copy of this complete application to all parties as required by this form.
- (9) Site preparation or construction of the project will not commence until a certificate of public good is issued.

**Making false or misleading statements on this application is subject to penalties under 30 V.S.A.**

**§ 30 and/or revocation of any approval granted.**

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

Installer Signature \_\_\_\_\_ Date \_\_\_\_\_

If installing a photovoltaic (PV) system, complete Section 4.\*

If installing a wind system complete, Sections 5 and 8.

If installing another type of net metering system, complete Sections 6 and 8.

If installing a group system, complete the sections applicable to the net metering system employed and Section 7.

**\*Ground mounted PV systems must complete Section 8 (environmental information). See instructions in Section 4 below.**

**Photovoltaic System (PV) Information** - Section 4.

PV Module Manufacturer:

Module Model Number: \_\_\_\_\_

Number of Modules: \_\_\_\_\_

Power Rating per Module: \_\_\_\_\_ DC Watts

Total Array Output: \_\_\_\_\_ DC Watts (no. of modules x power rating)

System Rated Output: \_\_\_\_\_ AC Watts (total array output x .95)

Inverter Manufacture: \_\_\_\_\_

Inverter Model Number: \_\_\_\_\_

Inverter's Continuous AC Rating: \_\_\_\_\_ AC Watts

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

Installation Type (*please circle one*): an existing home or business; a new home or business; ground mount; other (please describe) \_\_\_\_\_

If you are installing a system that is not attached to an existing or new home or business, you must also complete Section 8 of this application.

**Notice Requirements:**

If you are installing a PV system on a new or existing home or business, you must send copies of this application to the Public Service Board at 112 State Street, Drawer 20, Montpelier, VT 05620-2701, the Vermont Department of Public Service at 112 State St., Drawer 20, Montpelier, VT 05620-2601; and your utility.

If you are otherwise installing your PV system on a new structure, such as a pole mounted system, then you must send a copy of the application to the Public Service Board, the Vermont Department of Public Service, your utility, the Planning Division, Agency of Natural Resources, Center Building - Third Floor, 103 South Main Street, Waterbury, VT 05671-0301; your local planning commission; the municipal legislative body for the town in which the system is to be installed (typically, the selectboard); and all adjoining landowners.

**Please note that all applicants must submit a list of the parties notified along with the completed application.**

## Wind System Information

- Section 5.

Wind Turbine Manufacturer: \_\_\_\_\_

Turbine Model Number: \_\_\_\_\_

Turbine Tower Height: \_\_\_\_\_ ft

Turbine Tower Diameter \_\_\_\_\_ ft

Rotor Diameter: \_\_\_\_\_ ft

Wind Turbine Power Output: \_\_\_\_\_ Watts

(Peak output up to 30mph wind speed)

AC Source (circle one):    Inverter                      Synchronous Generator                      Induction Generator

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

**If using an inverter, complete the following:**

Inverter Manufacturer: \_\_\_\_\_

Inverter Model Number: \_\_\_\_\_

Inverter's Continuous AC Rating: \_\_\_\_\_ AC Watts

System Rated Output: \_\_\_\_\_ AC Watts (wind turbine power output x .95)

**All applicants for wind systems must also complete Section 8 (Environmental Information) below.**

**Notice Requirements:**

If interconnecting a wind system, you must send copies of this application to the Public Service Board at 112 State Street, Drawer 20, Montpelier, VT 05620-2701, the Vermont Department of Public Service, 112 State St., Drawer 20, Montpelier, VT 05620-2601; your utility; your local planning commission; the municipal legislative body for the town in which the system is to be installed (typically, the selectboard); the Planning Division, Agency of Natural Resources, Center Building - Third Floor, 103 South Main Street, Waterbury, VT 05671-0301; and your adjoining landowners.

**Please note that all applicants must submit a list of the parties notified along with the completed application.**

## Other Types of Systems

- Section 6.

Description of the type of net metering system employed (fuel cell, hydroelectric, biomass, etc.): \_\_\_\_\_

Manufacturer: \_\_\_\_\_

Model Number: \_\_\_\_\_

Rated Power Output (AC continuous): \_\_\_\_\_

System Rated Output (power output x .95) : \_\_\_\_\_ AC Watts

AC Source (circle one):    Inverter                      Synchronous Generator                      Induction Generator

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

If using an inverter, complete the following:

Inverter Manufacturer: \_\_\_\_\_

Inverter Model Number: \_\_\_\_\_

Inverter's Continuous AC Rating: \_\_\_\_\_ AC Watts

Describe the physical location of the installation and/or mounting structure:

Describe the physical location of the facility's lockable disconnect switch:

**All applicants for systems under this section must also complete Section 8 (Environmental Information) below.**

**Applicants for hydroelectric and biomass systems must submit copies of all necessary federal and state approvals for the project along with this application.**

**Applicants for biomass systems that utilize off-site waste resources must provide a detailed description of any waste transportation, storage, and handling related to the project.**

### **Notice Requirements:**

If interconnecting a system, you must send copies of this application to the Public Service Board at 112 State Street, Drawer 20, Montpelier, VT 05620-2701, the Vermont Department of Public Service, 112 State St., Drawer 20, Montpelier, VT 05620-2601; your utility; your local planning commission; the municipal legislative body for the town in which the system is to be installed (typically, the selectboard); the Planning Division, Agency of Natural Resources, Center Building - Third Floor, 103 South Main Street, Waterbury, VT 05671-0301; and your adjoining landowners.

**Please note that all applicants must submit a list of the parties notified along with the completed application.**

**Please note that in order for a system to be eligible for net metering it must employ a renewable energy source that is being consumed at a harvest rate at or below its natural regeneration rate, pursuant to Board Rule 5.100.**

## Group System Information

- Section 7.

If interconnecting a group system, applicants must provide the required application information corresponding to the type of net metering system(s) to be constructed as outlined in sections 4-6. In addition, applicants must also provide on a separate sheet:

- (1) the meters to be included in the group system identified by account number and location;
- (2) the procedure for adding and removing meters included in the group system, and direction as to the manner in which the serving utility shall allocate any accrued credits among the meters in the group;
- (3) a designated person, including address and telephone number, responsible for all communications from the system to the serving electric utility, except for communications related to billing, payment, and disconnection; and
- (4) a binding process for the resolution of any disputes within the group system relating to net metering that does not rely on the serving electric utility, the Public Service Board or the Department of Public Service.

Please note that all meters included in a group system must be within the same electric utility service territory in which the generation facility is located.

## Environmental Information

- Section 8.

You must complete this section if you are installing any one of the following:

- A PV system on a new structure which is not a home or a business under Section 4
  - A wind system under Section 5
  - A system under Section 6

State whether the system will be sited on, near, or within any of the following (*answer yes or no*): a floodway \_\_\_\_\_ shoreline \_\_\_\_\_ stream \_\_\_\_\_ wetland \_\_\_\_\_ historic site or district \_\_\_\_\_ rare and irreplaceable natural area \_\_\_\_\_ necessary wildlife habitat \_\_\_\_\_ area where an endangered species is present \_\_\_\_\_

If the answer to any one of the foregoing is yes, please attach a separate sheet:

(a) showing the location of the system in relation to the resource, and

(b) stating the impact which the system, including its installation, will have on the protected resource and what measures, if any, will be taken to minimize any such impact.

On a separate sheet, describe the visible and aesthetic impact of the project and why it will not have an undue adverse effect on aesthetics and the scenic and natural beauty of the area. Describe the location of the facility in relation to adjoining properties and include a specific statement about the visibility of the facility from adjoining properties; and, if it is highly visible, what measures you have taken, if any, to minimize the visible impact.

