



Leading the Way to a Brighter Future

A program of the Maine Public Utilities Commission

Wind Energy Rebate Program Application & Reservation

Reservation Start Date # _____
(Entered by Program Administrator)

Reservation # _____
(Entered by Program Administrator)

180 Day Expiration Date _____
(Entered by Program Administrator)

Customer Information:

First Name: _____ **MI:** _____ **Last Name:** _____

Business/Organization Name: _____

Mailing Address: _____

City: _____ **State:** _____ **Zip:** _____

E-Mail: _____ **SSN or Fed Tax ID#** _____
(Optional) (If Business)

Customer Phone: _____ **Owner:** _____ **Tenant:** _____

Installation Address: _____

City: _____ **State:** _____ **Zip:** _____

Name of Electric Utility Connected To: _____ **Commercial** **Residential**

Installer Information:

Company Name: _____ **Email:** _____

Address: _____ **City:** _____ **State:** _____ **Zip:** _____

Contact Person: _____ **Phone:** _____ **Cell Phone:** _____

Installers Name: _____
(If different than contact)

Master Electrician Name: _____ **License #** _____

Electrician Phone # _____

Identify all required building agreements and permits:

Construction	<input type="checkbox"/> Permit Attached	<input type="checkbox"/> Initiated	<input type="checkbox"/> Not Required
Electrical	<input type="checkbox"/> Permit Attached	<input type="checkbox"/> Initiated	<input type="checkbox"/> Not Required
Zoning	<input type="checkbox"/> Permit Attached	<input type="checkbox"/> Initiated	<input type="checkbox"/> Not Required
Other	<input type="checkbox"/> Permit Attached	<input type="checkbox"/> Initiated	<input type="checkbox"/> Not Required

Interconnection Agreements:

Interconnection Agreement: Completed Attached Initiated None Required

Wind Resource Assessment:

To be eligible for a Wind rebate applicant must demonstrate site is class 2 or better.

Installation Site Longitude _____°|_____ Latitude: _____°|_____

Truwind: <http://www.navigator.awstruwind.com/> _____ Or

NREL: http://www.windpoweringamerica.gov/maps_template.asp?stateab=me _____ Or

Other: _____

Average Annual Wind Speed: _____ mph

Wind: Class 2 9.8 to 11.5 mph Class 3 11.5 to 12.5 mph Class 4 12.5 to 13.4 mph
 Class 5 13.4 to 14.3 mph Class 6 14.3 to 15.7 mph Class 7 15.7 to 21.4 mph

Please provide photos of tower site covering 360° and identify as N, S, E, W.

Other Site Requirements:

Tip of Blade at the lowest point is 30 Ft. higher than any structure or trees within 250 foot circumference

Yes No

Tower:

Tower Manufacturer: _____ Tower Type: Tilt Up Self Supporting

Tower Height: _____ Ft. Class 2 Wind = 75' minimum at hub, Class 3 & above = 50' minimum at hub

Turbine Engineering & Design:

On a separate sheet provide manufacturers power curve for KW and Kwh per month for turbine being purchased.

Turbine Warranty: _____ Yrs. Estimated Annual Kwh production: _____

Wind Turbine Manufacturer: _____ Turbine Model #: _____

Rated Power Watts: _____ AC Peak Power Watts: _____ AC Output Voltage: _____

Turbine Cut-In Speed: _____ mph Turbine Cut-Out Speed: _____ mph

Inverter:

Inverter Manufacturer: _____ Inverter Model #: _____ Inverter Serial #: _____

Number of Inverters: _____ Inverter Compliant with IEEE 929 Yes No
Inverter UL 1741 listed Yes No

Battery (If Installed):

Battery Model : _____ Battery Voltage: _____ Battery Amp-Hr. Rating: _____

DC Bus Voltage: _____ Grid Connected no battery back-up Grid Connected with Battery Back-up

Costs:

Turbine: \$ _____ Tower: \$ _____ Batteries: \$ _____

Inverter(s): \$ _____ Site Prep: \$ _____ Foundation: \$ _____

Fees/Permits: \$ _____ Electrician: \$ _____ Installer: \$ _____

Misc. \$ _____ TOTAL: \$ _____

Financial Performance & Simple Payback Calculation:

Calculate simple payback by dividing the project cost by the estimated annual energy output multiplied by the kwhr cost.

Simple Payback Calculation:

Simple Payback Period (In Years) = $\frac{\text{Total Eligible Project Cost}}{\text{Annual Kwh Multiplied by Kwh cost}}$ = \$ _____
Simple Payback

Example $\frac{\$19,000}{-4,200 \text{ Kwh} \times 0.17} - \frac{\$19,000}{\$714} = 26.6 \text{ year simple payback}$

Rebate Calculation:

Residential = \$500/500 watt Output AC (Maximum Payout \$2,000)

Non Residential = \$500/500 watt Output AC (Maximum Payout \$ 4,000)

Turbine AC Output watts (from above): _____ / 500 = _____ x \$500 = \$ _____
x \$500

Please include copy of entire electric bill

Print Customer Name | Date Customer signature

By signing this application I certify that I have read the terms and conditions (Attached) of the Wind Incentive Program, and that I understand that any failure of the applicant to comply with these terms and conditions may result in denial of the application or a refusal of funds.

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APPENDIX A FOLLOWS

Appendix A

Maine Wind & Solar Energy Rebate Program Wind Rebate Payment Request

Please read carefully and complete all sections. Incomplete or incorrect forms will cause delay, possible return to applicant, and possible decline of incentive.

Reservation: _____ Expiration Date: _____ Incentive:\$ _____

Customer Name: _____

Address: _____ Phone #: _____

Were changes made to system output after the Reservation Date: Yes ___ No ___

If **yes**, complete a new system page and **include** it with this request. This change may delay any rebate until such time as the new information can be reviewed and approved. Payment request for amounts greater than reserved will be subject to available funds and if approved may be issued as 2 payments.

I certify that the afore stated system has been installed and is in service at the address indicated above, and is operating as specified. I also certify that I have read and accept the terms and conditions of this agreement. I further certify that I have met all requirements of the Wind Energy Rebate Program. I acknowledge that any attempt to mislead or falsify information entered in this agreement will disqualify me from any claim to the incentives offered through the Wind Energy Rebate.

Signature of owner Date: _____

Installer

Business Name: _____

I certify that I have worked with the customer referenced above on the Wind System referenced above. The system is now fully installed, operational, and operating within its design parameters. It has been installed in accordance to all Federal, State, and local requirements and within the guidelines of this program. If any statement made within this application is intentionally misrepresented I understand it will disqualify me from any further participation in the Wind Energy Rebate Program and all claims to any rebate offered.

Signature of Primary Installer Date

Signature of Master Electrician License Number Date

Please mail to:

Richard Fortier
Processing Maine Wind Rebates
Maine Public Utilities
18 SHS, 242 State Street
Augusta, Maine 04333-018

Inquiries:

Richard (Dick Fortier)
207-287-3319
E-Mail: Richard.Fortier@maine.gov

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TERMS AND CONDITIONS FOLLOWING PAGES

Terms & Conditions

1. PURPOSE

The purpose of Chapter 930 is to implement the wind and solar energy rebate program, including procedures and standards for qualifying for a wind energy system rebate.

2. Program Definitions:

“Wind Energy Systems” means any device, such as a wind charger, windmill or wind turbine and associated facilities, that converts wind energy potential into electrical energy with a peak generating capacity of 100 kilowatts or less and that has been installed by a Qualified Wind Energy System Installer.

3. Eligibility

To the extent that funds are available in the solar and Wind energy rebate program fund established pursuant to section 4 of Chapter 930, owners and tenants of residential or commercial properties located within Maine, and who are Maine residents may apply on a first-come-first-serve basis to be eligible for rebates for wind energy systems installed on those properties. To qualify for a wind energy system rebate, an applicant must show that he systems is connected to the electrical grid and installed after January 1, 2009 in accordance with 35-A M.R.S.A. §3211-C and meets wind energy system site requirements under Section 6(B)(5) of Chapter 930. A Person may demonstrate the date a system was installed by the date of a net metering arrangement with a transmission and distribution utility or by the date on a bill of sale for the system.

3. Qualified Wind System Installer

Qualified Wind Energy system Installer means with respect to the electrical components of a qualified wind energy system, a Maine Licensed Master Electrician or a person who has been certified by the dealer of the system proposed to be installed as a factory trained and approved installer who works under the supervision of a Maine licensed Master Electrician.

- A. Other Eligibility Requirements for a Wind Energy System Rebate. In addition to meeting the requirements under Section 3(A)(2) of Chapter 930, that the following requirements apply:
1. the subject site for a proposed wind system (including specific longitudinal and latitudinal references) must be located in a geographic area with average wind speeds of Class II or greater as recognized by wind resource databases to be designated by the Commission staff, and,
 2. The bottom of the blade of the turbine proposed at its lowest point of travel will be a minimum of thirty feet above any surrounding objects within a 250 foot radius; and,
 3. The subject site must be located in an area that is free of any zoning restrictions, construction requirements, home owner association rules or other laws, rules or provisions that may prohibit the erection fo the subject tower and approval prior to filing the application.

- B. Eligible Systems

1. Wind Energy Systems: Wind energy systems that generate electricity and which are located in areas of wind power potential as set forth in section 3(A)(2) of Chapter 930.

C. Rebate Amounts

The Commission shall set rebate levels by order for qualified wind energy system. In setting rebate levels, the Commission may consider market demand for qualified wind energy systems, program implementation experience, other financial factors relevant to the wind energy rebate program. The Commission shall periodically consider revisions to the rebate levels based on the criteria in this subsection. The Commission shall post on the current rebate levels on its website and include the rebate levels on the wind energy rebate application forms.

D. Awarding of Rebates Contingent on Available Funding.

The awarding of rebates under these rules is subject to the availability of funding. An applicant's submission of an application for a wind system rebate does not create a right or entitlement to a wind system rebate. The Commission may suspend the wind system rebate program for lack of funding with or without notice.

E. Allocation of funding Among Programs

The Commission shall determine, by order, the allotment of the funds in each fiscal year between solar photovoltaic systems, solar thermal systems and wind energy systems, with a minimum of 20% of the funds allocated to each. In determining any additional allocation of funding among the programs, the Commission may consider, without limitation, current market demand for systems, program implementation experience, financial and economic factors such as the availability of federal or state tax incentives for systems as well as other factors that influence program participation or present market barriers.

4. FUNDING LEVEL; FUND

A. Assessment

The Commission shall assess transmission and distribution utilities to collect funds for the solar and wind energy rebate program. The assessment on transmission and distribution utilities shall not exceed .005 cents per kilowatt-hour and may differ among transmission and distribution utilities. The Commission will not assess a transmission and distribution utility under this section for amounts that would lower the conservation fund assessment under 35-A M.R.S.A. § 3211-A below its statutory floor. The Commission may decline to assess a transmission and distribution utility if the assessment amount would be de minimis or would otherwise be an administrative burden. The Commission may lower the overall assessment if it determines a lower amount of funding will be needed to provide rebates to qualified solar and wind energy systems pursuant to Chapter 930.

B. Fund

The Commission shall establish a solar and wind energy rebate program fund to be used for the purposes of the solar and wind energy rebate program.

1. the Commission shall deposit all assessments collected pursuant to the Chapter 930 into the solar and wind energy rebate program fund.

2. Interest earned on funds in the solar and wind energy rebates program fund shall be credited back to the solar and wind energy program fund.
3. Funds not spent in any fiscal year will remain in the solar and wind energy rebate program fund to be used for the solar and wind energy rebate program

C. Assessment Procedures

The Commission shall periodically assess transmission and distribution utilities based on actual sales or revenues

5. Wind Rebate Distribution

The Commission shall distribute rebates for qualifying wind energy systems pursuant to Chapter 930 as long as funds are available in the solar and wind energy rebate program fund. To the extent that there are insufficient funds in the solar and wind energy rebate program, the Commission shall distribute available funds as specified in this section.

A. Application Approval

The Commission shall distribute rebates based on the date the Commission approves the application for a solar and wind energy rebate system pursuant to section 6 of Chapter 930.

B. Available Funds

The Commission shall post on the Efficiency Maine website the amount of funds that are available for wind energy systems as well as either the projected time periods for which the funds will be available for rebates or the number of rebates that will be awarded based upon available funding. The Commission shall inform applicants that the availability of future rebates could be altered by changes in law or contingent upon available funding. In the event that, due to statutory repeal, insufficient funds, or any other reason, the wind energy rebate program lacks sufficient funding with which to fund rebates, the Commission shall post notice on the Efficiency Maine website that rebates for the subject programs are no longer available and that the subject programs are cancelled or suspended in accordance with subsection (C) below. In the event that there are insufficient funds in the solar and wind energy system rebate program fund at the time that the Commission determines that a wind energy system or solar energy system is eligible for a rebate, the Commission shall distribute the rebate after subsequent assessment pursuant to Section 4 of Chapter 930 result in sufficient funds.

C. Suspension or Cancellation of Programs

The Commission is not obligated to approve any application for a wind or solar energy rebate that otherwise complies with the requirements of Chapter 930, if such approval may result in the Commission exceeding its program budget or would be contrary to existing laws. The Commission may suspend or cancel a solar or wind energy rebate program if, at any time, there are insufficient funds in the solar and wind energy rebate program fund. In the event that a program is cancelled or suspended, the Commission shall notify applicants and the general public in the following manner:

1) Notice to applicants whose materials have been submitted. For persons who have submitted applications to the Commission prior to the suspension or cancellation of a program, and whose applications have not been processed prior to suspension or cancellation of the program, the Commission shall notify each applicant in writing that the program has been suspended and shall indicate whether and how the applicant will be considered in the future when the program resumes or whether the applicant will need to submit a new application when additional funds become available.

2) Notice to prospective applicants and the public. For persons who have not submitted applications prior to cancellation or suspension of a program and the general public, the Commission will post notice of such suspension or cancellation on the Efficiency Maine website. The Commission shall update this webpage periodically and as necessary in order to ensure that information is timely and accurate. The Commission shall post such notification on Efficiency Maine website when the program is anticipated to resume and when applications may be submitted.

6 APPLICATION

A. Review Process

Applications for wind energy system rebates pursuant to Chapter 930 shall include the information and documentation specified in this section. The Commission shall review applications and notify applicants whether the wind energy system qualifies for a rebate and whether funds are available for the rebate. Applications for or wind energy rebates must be filed prior to the installation of the system. Information and documentation that is not practical to provide prior to the installation of the system must be submitted after installation. Applicants who have received approval prior to installation of the system pursuant to the Commission's application process must demonstrate that the system was installed consistent with the application before a rebate is provided. The Commission may establish a date by which applicants who have received approval prior to installation must install the system to remain eligible for a rebate. To the extent funds are currently available in the solar and wind energy rebate program fund, the Commission shall set aside funds to ensure that funds remain available for applications that have received approval prior to system installation. To the extent that funds are not currently available in the solar and wind energy rebate program fund, the Commission will set aside funds as they become available. The Commission will inform the applicant that the rebate will be provided when funds become available and the time frame in which available funds are expected.

B. Requirements

1. Applicant. Applications shall include the address of the applicant's legal residence as demonstration of Maine residency and shall indicate whether the applicant is an owner or tenant of the premises in which the system has been installed. If system is located or will be located on premises different from the legal place of residence, the location of the system must be clearly stated. Applications shall include an affirmation by the applicant that the system location is connected to the electrical grid.

2. System Type. Applications shall indicate whether the system is solar photovoltaic, solar thermal–water, solar thermal–air or wind.

3. Wind Energy System Description. Applications for wind energy system rebates shall also be required to provide additional data regarding the description of the system and components of the wind energy system to be installed. This information shall be specified in the wind energy rebate application and terms and conditions and shall include, but not be limited to, the following:

- a. The make, model, manufacturer of the tower, turbine, inverter, batteries and other components of the wind energy system proposed to be installed;
- b. The name and license number of the "Wind Energy System Installer" who is to install the electrical components of the wind energy system proposed to be installed;
- c. The estimated rated power, output voltage and peak electrical power (in kW/hrs) of the turbine and the continuous AC rating of the inverter(s) to be installed;
- d. Verification that the height of the tower proposed to be installed meets the minimum requirements as required by the Commission in its application process; and,
- e. Verification that the proposed turbine and tower are covered by manufacturer warranties for a minimum period of five (5) years from the date that such products are installed which shall cover any defects in design, material and workmanship of these products when used under the normal use for which they are intended; and,
- f. Estimates that detail anticipated costs, including materials and labor, of the proposed wind energy system as provided by vendors and/or installers.

5. Compliance With Eligibility Requirements. Applications for wind energy system rebates shall also include information that shows that a proposed wind energy system will comply with the eligibility requirements under Section 3(B)(2)(a) of these rules.

6. Failure to Meet System Eligibility and Application Requirements. If, at any time, it is found that an applicant has failed to provide any of the information required by the Commission in the application process or has failed to meet eligibility requirements under Section 3 of these rules for wind energy rebates, the Commission staff may reject the subject application or refuse to provide the applicant with the requested rebate.

7. Site Evaluations. The Commission's staff or the Commission's contractor may conduct in-person evaluations of the site proposed for wind energy systems in order to verify that such sites are suitable for a wind energy system and in order to ensure that the applicant is in compliance with the terms and conditions of the application as well as these rules.

a. Applications for wind energy systems, which are to be installed in accordance with this subsection after January 1, 2009, must be installed by a master electrician or by a factory trained and approved dealer for the qualified wind energy system working under the supervision of a master electrician.

8. Installation Date. Applications shall include the date on which the system will be or was installed and documentation supporting the installation date.

9. Rebate. Applications shall provide a clear statement of the rebate requested and a calculation of the rebate.

10 Other. Applications shall include other information or documentation that the Commission deems necessary or useful in determining whether a solar energy system qualifies for a rebate pursuant to Chapter 930

7. REPORT

The Commission shall report by December 1st of each year to the joint standing committee of the Legislature having jurisdiction over utilities and energy matters a description of actions taken pursuant to Chapter 930.

8. PROGRAM TERMINATION

The solar energy rebate program shall terminate upon repeal of the authorizing statutes.

9. WAIVER OR EXEMPTION

Upon the request of any person subject to Chapter 930 or upon its own motion, the Commission may, for good cause, waive any requirement of Chapter 930 that is not required by statute and is not inconsistent with the purposes of this Chapter. The Commission, the Director of Energy Programs, or the presiding officer assigned to a proceeding related to Chapter 930 may grant the waiver.

BASIS STATEMENT: The factual and policy basis for this rule is set forth in the Commission's Order Adopting Rule, Docket No. 2005-400, issued on October 3, 2005; and the Order Amending Rule, Docket No. 2007-460, issued on December 18, 2007. Copies of this Statement and Order have been filed with this rule at the Office of the Secretary of State. Copies may also be obtained from the Administrative Director, Public Utilities Commission, 242 State Street, 18 State House Station, Augusta, Maine 04333-0018.

AUTHORITY: 35-A M.R.S.A. §§ 104, 111, 1301, 3211-B

EFFECTIVE DATE: This rule was approved as to form and legality by the Attorney General on _____. It was filed with the Secretary of State on _____ and will be effective on _____.