

# New Jersey Clean Energy Program

## Technical Worksheet – Offshore Wind (OSW) Meteorological Tower Rebate Application

### Technical Worksheet for OSW Meteorological Tower Rebate – Instructions

Please carefully read all of the following information and complete Sections A. and B. of the attached Technical Worksheet for OSW Meteorological Tower Rebate, as well as the OSW Meteorological Tower Rebate Application.

The purpose of the rebate program is to support the development of OSW facilities that are needed to achieve the Energy Master Plan goal of at least 1000 MW by 2012. In order to meet this target, a critical next step is the installation of meteorological towers in the areas that are proposed for offshore wind farms. These towers collect wind and other data that is critical to project design along with ecological data that will be used in the permit application process.

### GENERAL TERMS AND CONDITIONS

Rebates will be processed based on the date the New Jersey Board of Public Utilities (NJBPU) approves the Final Application, after verification of satisfactory construction and operational status of the offshore meteorological tower.

To qualify for a rebate, an applicant must comply with all of the following Installation and Application Requirements. For more information about the OSW Meteorological Tower Rebate Program, or for assistance in completing applications or worksheets, please contact Scott Hunter at the NJBPU by email at [benjamin.hunter@bpu.state.nj.us](mailto:benjamin.hunter@bpu.state.nj.us). Up to \$4 million per meteorological tower is available and limited to one rebate application per entity. If the installation cost of the meteorological tower exceeds \$4 million, the developer will be responsible for the additional cost.

### INSTALLATION REQUIREMENTS

Equipment installation must meet the following minimum requirements in order to qualify for payment under the provisions of the New Jersey Clean Energy Program; proposed changes to the requirements will be considered, but they must be documented by the Applicant and pre-approved by the NJBPU.

- Construction must be in an area included in the Department of Environmental (DEP) Ecological Baseline Study Area;
- The meteorological tower must have been designated by MMS as being in an MMS New Jersey Interim Policy Lease Area;
- The meteorological tower must be operational in 2009, provided, however, that in the event the construction of the meteorological tower is delayed by an event which is not within the reasonable control of the applicant, then applicant shall promptly notify the Board of such event and shall consult with Board Staff to determine whether a revised schedule is appropriate. In the event that the applicant does not proceed to complete construction of such meteorological tower, no rebate will be issued;
- The meteorological tower must be designed to provide data for a proposed OSW wind facility that will be at least 200 MW; and
- The meteorological tower shall avoid areas of potential high environmental impacts (e.g., shoal area, highly productive shellfish beds, etc.) based on available data.

### APPLICATION REQUIREMENTS

- The rebate applicant shall provide access to the meteorological tower to DEP and/or DEP's contractors to collect data and/or deploy instruments for data collection, with such access to be based on an agreement executed by the parties based on good faith negotiations, provided, however, that no wind resource data or other such meteorological data shall be collected by the DEP and/or DEP's contractors. Further, data collection and instrument deployment by the DEP and/or DEP's contractors shall not in any way interfere with or limit the ability of the developer to collect the primary data required to facilitate the permitting, financing and completion of the wind farm.
- The issuance of an OSW Meteorological Tower rebate commitment and payment of the rebate for the meteorological tower does not constitute State approval of a wind farm in the area of the tower.

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- The wind data collected from the meteorological tower will be proprietary to the rebate applicant provided the applicant is using commercially reasonable efforts to obtain all necessary permits to construct an offshore wind facility with a projected completion date of 2012; if this condition is not met, the applicant shall be granted a 30-day cure period to demonstrate the commercial reasonableness of its efforts to the BPU's satisfaction. In the event that the BPU determines that the applicant has failed to pursue such necessary permits in a commercially reasonable manner, all wind data will be turned over to the BPU and made public.
- Non-proprietary summary wind data will be provided to the BPU and DEP in a format that is mutually acceptable to the parties based on good faith negotiations.
- The ecological and environmental data will be provided to DEP in a mutually acceptable digital format once it is collected, assessed and compiled.
- The rebate applicant shall coordinate with DEP and MMS concerning wind farm pre-construction ecological/environmental studies conducted from the meteorological tower to insure the studies meet the needs of DEP and MMS for wind farm permitting/leasing, and to expedite and standardize the data collection process.

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Applicant Name: \_\_\_\_\_ Application Number: \_\_\_\_\_  
 (Corresponds to Rebate Application) (Assigned by the NJBPU)

### A: PROPOSED INSTALLTION INFORMATION

1. Meteorological Tower Foundation Type: \_\_\_\_\_ (jack-up barge, pile)
2. Meteorological Tower Type: \_\_\_\_\_ (monopole, latticed tower)
3. Meteorological Tower Height: \_\_\_\_\_
4. Other, Non-wind Related Data Collection Proposed: \_\_\_\_\_  
 \_\_\_\_\_
5. Proposed Meteorological Tower Location: \_\_\_\_\_ Latitude : \_\_\_\_\_  
 Longitude: \_\_\_\_\_
6. Estimated Average Annual Wind Speed at 50 meters: \_\_\_\_\_ MPH or m/s or at the hub height of the proposed turbines (Please include print out from wind resource maps)
7. A one-page site map showing expected location of the proposed meteorological tower must accompany this application.
8. USDOJ MMS Block: \_\_\_\_\_
9. Status of USDOJ MMS Interim Lease Application: \_\_\_\_\_
10. Site pictures must also accompany the final application presented in a request for rebate payment.
11. Design drawings of the meteorological tower must accompany this application.

### B: INCENTIVE REQUESTED

A maximum of \$4 million will be approved for rebate commitment and rebate payment. In the area below, describe the expected costs of development, equipment, and construction by types of cost to be incurred:

<b>Development Costs</b>	<u>Cost Description</u>	<u>Expected Cost (\$)</u>
Design:	_____	_____
Permitting:	_____	_____
Other:	_____	_____
Subtotal Development Costs:		_____

<b>Construction Costs</b>	<u>Cost Description</u>	<u>Expected Cost (\$)</u>
Foundation Fabrication:	_____	_____
Tower Fabrication:	_____	_____
Fuel:	_____	_____
Transportation:	_____	_____
Other:	_____	_____
Subtotal Construction Costs:		_____

<b>Equipment Costs</b>	<u>Cost Description</u>	<u>Expected Cost (\$)</u>
Anemometers:	_____	_____
Tower:	_____	_____
Other Data Collection, Recording and Transmittal Equipment Monitoring:	_____	_____
Subtotal Equipment Costs:		_____

**Requested Incentive** (Enter the sum of the above costs if below \$4 million or if the total cost is greater than \$4 million enter \$4 million: \$ \_\_\_\_\_)