

NET METERING INITIATIVE – WIND TURBINE SELECTION

OBJECTIVES

The Governments of Canada and Prince Edward Island are moving forward on a Net-Metering Initiative to develop net-metering wind energy systems using appropriately sized small wind turbines at up to five community rinks in PEI. These projects will serve to demonstrate the economic, environmental and social benefits of such wind energy net-metering projects in adding value to local communities; to promote public awareness of renewable energy and the net-metering program; and to prepare for wide spread applications of net-metering installations in PEI. The Wind Energy Institute of Canada (WEICan) will be acting as the Project Manager for the Net-Metering Initiative, thereby assisting individual community rinks in the creation of their project business cases and completing their technical assessments.

WIND TURBINE SELECTION

WEICan is responsible for advising community rinks on the selection of appropriate wind energy system technology to use for these projects. To assist in the selection process, specific information is required from wind turbine suppliers. Wind turbines considered for these projects will have an installed capacity in the 5-100 kW range. The following information will be made available to the community rinks as they work with WEICan to choose appropriate infrastructure for their proposals.

- Turbine specifications.
- Tower specifications.
- Costing information.
- Product availability and lead time for delivery of wind turbines.
- Warranty of wind turbines and components.
- Proven track record (community/other wind energy installations, various wind environments).
- References from past clients.
- Operational data (Referenced availability data).
- Local sales office contacts/ if applicable

Please forward the requested information (above) to Gerald Giroux by March 04, 2009.

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