



FEEL THE WIND. THINK CLEAN.™

June 21, 2007

Ms. Robin Clukey
Project Manager
Maine Department of Environmental Protection
106 Hogan Road
Bangor, Maine 04401

Re: **Mars Hill Wind Farm – MEDEP Order No. L-21635-26-A-N – Sound Level Report**

Dear Ms. Clukey:

On behalf of Evergreen Wind Power, LLC, (“Evergreen”), UPC Wind Management, LLC (“UPC Wind”) hereby submits the SOUND LEVEL STUDY - AMBIENT & OPERATIONS SOUND LEVEL MONITORING (the “Study”), prepared at the request of UPC Wind by Resource Systems Engineering (“RSE”), with respect to the 42MW Mars Hill Wind Farm (the “Wind Farm”) which is the subject of the above-referenced Order (the “Order”) of the Maine Department of Environmental Protection (“MEDEP”).

The Study presents a brief description of the Wind Farm, a summary of MEDEP noise regulations, and sound level model estimates developed by RSE in December 2003 and included in the Site Location permit application filed with the MEDEP for the Wind Farm. In addition, the Study includes a compilation and analysis of measurements from ambient and Wind Farm operations sound testing conducted by RSE, together with a detailed comparison of ambient and operating sound levels to the 2003 sound level estimates. Measurements of operating sound levels were made in accordance with the testing protocol approved in advance by the MEDEP, though at UPC Wind’s request, RSE extended the protocol’s specified measurement period (four days in lieu of 24 hours) and expanded the number of full-time community monitoring stations (nine in lieu of six), all of which were continuously monitored during the measurement period.

In the Study, RSE found that:

- Similar to wind turbine sound levels, ambient sound levels vary with wind speed;
- At each of the monitoring positions, sound levels from Wind Farm operations were within the range of ambient sound levels;
- Sound levels measured during moderate to full operation of the Wind Farm were generally consistent with the 2003 sound level estimates (including some readings slightly above 50 dBA, as had been predicted by the modeling);
- The Wind Farm does not generate short duration repetitive sounds as described in applicable regulations; and
- Sound emissions from the Wind Farm do not exceed tonal thresholds as described in applicable regulations.

Although the Study results concerning both ambient and operating sound levels were generally consistent with the presentation in the Site Location permit application and with the findings of the Order, it is apparent that sound levels may vary with weather and seasonal conditions. In order to develop a more comprehensive assessment of the Wind Farm's operating sound environment, UPC Wind proposes to engage RSE to conduct three additional rounds of voluntary compliance monitoring, to be conducted on a quarterly basis, to complete a total of four rounds of monitoring over an annual period. The next round would occur in August 2007, with two subsequent rounds at approximately three-month intervals (*i.e.*, November 2007 and February 2008). The level of effort for each round would be guided by the Study recommendations and, at a minimum, adhere to the previously approved MEDEP protocol.

In addition, UPC Wind will provide a copy of the Study (together with each quarterly supplement) to the wind turbine manufacturer, GE Wind, for evaluation of the potential for reasonable reduction of operating sound levels without adversely affecting Wind Farm operating performance.

Finally, UPC Wind and Evergreen remain committed to community interests, including residents' concerns regarding Wind Farm sound levels. A copy of the Study (together with each quarterly supplement) will be provided to a representative of the Mountain Landowners Association as well as the Town Manager of Mars Hill.

We look forward to your response to the Study and our proposed plan for continued monitoring throughout the year.

Very truly yours,

UPC Wind Management, LLC



Dave Cowan
Vice President, Environmental Affairs

cc(w/encl): Andrew Fisk (Director, Bureau of Land and Water Quality, MEDEP)
Nick Archer (Regional Director, Presque Isle Regional Office, MEDEP)
Ray Mersereau (Town Manager, Mars Hill Maine)
Wendy Todd (Secretary, Mountain Landowners Association)
Paul Gaynor (President & CEO, UPC Wind and Evergreen)
Michael Alvarez (EVP & COO, UPC Wind)
Charles F. Wallace, Jr. P.E.
Scott Bodwell, P.E.