INNOVATIVE NOISE REDUCTION SYSTEM TO BE TESTED AT UPSTATE NEW YORK WIND FARM

FIRST USE IN THE UNITED STATES

Herkimer County, NY:

The Town Board of the Town of Fairfield in Herkimer County has authorized the testing of an innovative Noise Reduction System by Iberdrola Renewables in an attempt to ensure that the 37-turbine Hardscrabble Wind Project is in compliance with the noise levels required by the special use permit issued to the company. Twenty-five turbines are located in the Town of Fairfield. If testing proves successful, the system will also be installed as part of the operational system for wind turbines in the neighboring Town of Norway, which hosts an additional 12 turbines in the Hardscrabble Project.

The two Towns granted a permit for the construction of the Hardscrabble Wind Farm in 2010. The turbines, at 476 feet, are the tallest constructed in New York to date.

The Towns of Fairfield and Norway were the first towns in the State of New York to require post construction testing of the sound generation of wind turbines.

After complaints from nearby landowners, Iberdrola Renewables agreed with the request from both towns to test sound levels adjacent to several homes in the spring of 2011.

The sound testing was repeated in leaf-off conditions late in calendar year 2011. The final report from the testing was delivered to the respective Town Boards at their June meetings last month.

The test results show repeated excursions beyond the legal limit. Simultaneous with its release of the report on sound testing, Iberdrola Renewables
announced that it would immediately begin testing the use of a proprietary Noise Reduction System (NRS) developed by Gamesa, the manufacturer of the turbines. As stated by Iberdrola Renewable representatives, it is hoped that making changes to the operating system can reduce overall sound levels and ensure that the turbine arrays are consistently operating within the town’s permitted noise limit of 50 dBA.

The Town Boards were informed that testing would occur at three turbines near the sites where sound testing had occurred in Fairfield. If the results are promising, Iberdrola Renewables proposed to implement the system at other sites within the Hardscrabble Wind Project.

The Fairfield Town Board passed a resolution on Thursday, July 12, which supported the deployment of the NRS operating system by Iberdrola Renewables as an opportunity to cure the problem. The permits issued to Iberdrola gives both Town’s the authority to suspend, or revoke the permit or to shut down any offending individual turbine, if noise problems persist.

The Town Boards in both Fairfield and Norway have directed Iberdrola Renewables to report back to the Town Boards on the results of the test implementation of the Gamesa Noise Reduction System and the company’s future intentions, no later than their next Board Meeting in the month of September.

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**WHEREAS**, The Town Board of the Town of Fairfield has received the report from Iberdrola Renewables on sound generation by its turbines in the Hardscrabble Wind Project which was prepared by the company’s consultants CH2MHill; and

**WHEREAS**, the report documents that excursions beyond the maximum sound limits allowed in the town special use permit for the project have and do occur; and

**WHEREAS**, Iberdrola Renewables has publicly proposed to test a Noise Reduction System developed by its turbine manufacturer Gamesa at three sites in the Town of Fairfield in an effort to ensure that its turbines are operating consistently within the noise limits in its Fairfield permit;

**NOW THEREFORE,**

The Town Board of the Town of Fairfield accepts and authorizes the testing by Iberdrola Renewables of the Gamesa Noise Operating System (NRS), in order to give the company an opportunity to cure the problem of potential violations of the town special use permit; and

The Town Board directs Iberdrola Renewables to report back to the Town Board on the results of the testing of the noise reduction system and the future intention of the company for its use of the NRS in the Town of Fairfield, if the NRS system proves viable, no later than the September public meeting of the Town Board.

The Town Board of the Town of Fairfield reserves all of its rights under the law and the Special Use Permit issued for the Hardscrabble Wind Energy Project to take future action as warranted.

Adopted this 12th day of July, 2012