



September 26, 2017

## **Via Electronic Filing**

Mr. Daniel Wolf Executive Secretary Minnesota Public Utilities Commission 121 Seventh Place East, Suite 350 St. Paul, MN 55101-2147

Re: In the Matter of Big Blue Wind Farm, LLC 36 Megawatt Large Wind Energy Conversion System in Faribault County, Minnesota, IP-66851/WS-10-1238

Response of Big Blue Wind Farm, LLC

Dear Mr. Wolf:

A recent complaint filed by Mr. Dan Moore asserts that the wind turbines at Big Blue Wind Farm emit a "jet engine noise" during periods of de-rating/curtailment. Big Blue Wind does not believe that the referenced sound exceeds allowable levels, but in the interest of being a good neighbor Big Blue Wind has implemented changes to eliminate this operational configuration. As of August 17<sup>th</sup>, the Big Blue Wind Farm turbines are no longer operated in a de-rated/curtailed configuration. Turbine operations are now limited to the following configurations; 1) Run, 2) Pause, 3) Ready, 4) Stop or 5) Emergency. This should effectively eliminate the "jet-like noise" Mr. Moore was concerned about. Big Blue considers this issue to be resolved.

Mr. Moore's complaint also alleged that the Big Blue Wind turbines were emitting a "clickyclack" noise. Again, Big Blue Wind does not believe that the referenced noise exceeds the allowable standards but have been working with Gamesa to eliminate the source. The remediation plan for the "clickyclack" noise was conveyed to Mr. Rich Davis (MN Department of Commerce) on August 9, 2017. Due to the extensive planning and manufacturing of materials, work was not able to start until Friday, September 15, 2017. Below is a summary of events since the crane arrived on site 09/15/2017 with the progress that has been made.

Friday, September 15
 Crane components arrive at Site
 Crane Construction begins

- Saturday, September 16
   Crane Construction Continues
- Sunday, September 17
   Crane Construction Complete
- Monday, September 18
   Labor arrives at site
   Material Preparation
   Turbine prep begins
   Weather delay: Lightning, turbine prep delayed
- Tuesday, September 19
   Turbine prep continues
   Weather delay: Lightning, turbine prep delayed
- Wednesday, September 20 Turbine prep complete
- Thursday, September 21
   Weather delay: Average wind speed above crane work limit
   Engineering performed measurements on studs
- Friday, September 22
   Weather delay: Average wind speed above crane work limit
- Saturday, September 23
   Started rigging up to the rotor with the crane and the winds picked up stopping work.
- Sunday, September 24
   Weather delay: Average wind speed above crane work limit and lightning
- Monday, September 25
   Weather delay: Thunderstorms

Big Blue will update the plan and progress of repairs until the repairs are complete at wind turbines 8 and 9.

Sincerely,

Charlie Hoemberg

Site Manager

BIG BLUE WIND FARM, LLC