

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of Seneca)
Wind, LLC for a Certificate of Environmental)
Compatibility and Public Need for a Wind-) 18-488-EL-BGN
Powered Electric Generating Facility in)
Seneca and Sandusky Counties, Ohio)

**SENECA WIND, LLC'S RESPONSES TO
STAFF'S DATA REQUESTS ISSUED ON DECEMBER 12, 2018**

Question:

In the event of a damaged turbine blade, please describe the procedures that ensure the turbine is not restarted until the blade is repaired or replaced.

Answer:

There are two redundant measures in place to ensure the turbine shuts down. A damaged turbine blade would create vibrations in the turbine tower above the acceptable threshold leading to a warning message on the turbine. This warning message would then initiate the braking procedures and open the safety chain, shutting down the turbine. The turbine vibration detection system would also detect suboptimal changes to the rotor balance and produce a series of messages that direct the operator to either troubleshoot/inspect or shutdown the turbine.

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in

Case No(s). 18-0488-EL-BGN

Summary: Response Seneca Wind Response to Staff DR Set 4 electronically filed by Mr. Devin D. Parram on behalf of Seneca Wind