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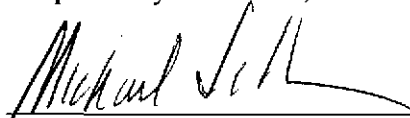
BEFORE THE OHIO POWER SITING BOARD

In the Matter of the Application)
 of Black Fork Wind Energy, LLC for)
 a Certificate to Install Numerous) Case No. 10-2865-EL-BGN
 Electricity Generating Wind Turbines in)
 Crawford and Richland Counties, Ohio)

**NOTICE OF FILING APPLICANT'S AUGUST 15, 2011 SUPPLEMENTAL
 RESPONSES TO STAFF'S JUNE 22, 2011 DATA REQUESTS**

On August 15, 2011, Black Fork Wind Energy, LLC ("Black Fork" or "the Applicant") submitted supplemental responses to Staff's June 22, 2011 data requests on sound/noise clarifications. Copies of the Applicant's supplemental responses are attached hereto for filing on the docket.

Respectfully submitted,



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 Stephen M. Howard (0022421)
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CERTIFICATE OF SERVICE

I certify that a copy of the foregoing document was served by hand delivery upon John Jones and Stephen Reilly, Assistant Attorneys General, Public Utilities Section, 180 E. Broad Street, 6th Floor, Columbus, OH 43215 and via U.S. Mail upon the following persons listed below this 23rd day of August 2011:

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August 15, 2011

VIA HAND-DELIVERY

Mr. John H. Jones
Assistant Attorney General
Public Utilities Section
180 E. Broad St., 6th Floor
Columbus, Ohio 43215-3793

Re: OPSB Case No. 10-2865-EL-BGN
Black Fork Wind Energy, LLC

Dear Mr. Jones:

Please find enclosed Black Fork Wind Energy, LLC's supplemental responses to data requests 7, 8, 22 and 23 from Staff's June 22, 2011 data requests on sound. Please call me or Scott Hawken, Black Fork Wind Energy Project Manager, if there are any questions.

Sincerely,



Michael J. Settineri

MJS/drd
Enclosure
cc: Jon Pawley (w/ encl.)

**Black Fork Wind Energy Project
Case No. 10-2865-EL-BGN
August 15, 2011 Supplemental Responses (7, 8, 22 and 23) to June 22, 2011 Data Requests**

Sound/Noise clarifications – Black Fork Wind Energy project

June 22, 2011

7. Pg. 73 - Please provide the low frequency sound values (SPL, dB, Hz) expected to be produced by the GE and Siemens turbines.

The Applicant requested this information from the manufacturers of the GE and Siemens turbines. The manufacturers responded that they consider this information proprietary and will only provide that data in connection with an executed turbine supply contract.

8. Pg. 73 - For all turbine technologies under consideration; please provide the A-weighted and C-weighted sound pressure levels, as well as one-third octave band measurements for the 20 and 25 Hz bands. Separately, evaluate the data for low frequency noise and impulsivity in accordance with the methodologies set forth in IEC 61400-11, Annex A, A.3 *Low Frequency Noise* and A.4 *Impulsivity*.

The Applicant requested this information from the manufacturers of the GE and Siemens turbines. The manufacturers responded that they consider this information proprietary and will only provide that data in connection with an executed turbine supply contract.

The following are additional questions that were asked at the Staff site visit:

22. What is the tonal audibility for the Vestas V-100?

The Applicant requested this information from the manufacturer of the Vestas V-100 turbine. The manufacturer responded that it considers this information proprietary and will only provide the data in connection with an executed turbine supply contract.

23. What is the cut-in and cut-off speeds for the proposed turbines?

The cut-in and cut-off speeds for the turbines are listed as follows:

**Vestas V-100: 3 meters/second and 20 meters/second;
Siemens SWT 2.3: 3-4 meters/second and 25 meters/second; and
GE 1.6 XLE: 3 meters/second and 24 meters/second.**



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August 15, 2011

VIA HAND-DELIVERY

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Assistant Attorney General
Public Utilities Section
180 E. Broad St., 6th Floor
Columbus, Ohio 43215-3793

Re: OPSB Case No. 10-2865-EL-BGN
Black Fork Wind Energy, LLC

Dear Mr. Jones:

Please find enclosed Black Fork Wind Energy, LLC's supplemental response to data request #21 from Staff's June 22, 2011 data requests on sound. Please call me or Scott Hawken, Black Fork Wind Energy Project Manager, if there are any questions.

Sincerely,

Michael J. Settineri

MJS/drd
Enclosure
cc: Jon Pawley (w/ encl.)

Black Fork Wind Energy Project
Case No. 10-2865-EL-BGN
August 15, 2011 Supplemental Responses to June 22, 2011 Data Request # 21

Sound/Noise clarifications – Black Fork Wind Energy project

June 22, 2011

21. Please provide the coordinates (Lat/Lon) for the batch plant(s); provide the sound power level(s); provide the sound pressure level(s) at 50 feet; model the sound at the nearest non-participating residence and provide the expected hours of plant operation.

The approximate coordinates for the center of the batch plant are:

Latitude 40.855349 N/Longitude 82.76099 W

The estimated sound power levels for the equipment and various activities at the concrete batch plant are provided in the attached table.

The nearest non-participating residence is approximately 2,200 feet south of the concrete batch plant location. The table below provides the sound pressure levels for the concrete batch plant sources at 50 feet and at the nearest non-participating residence (2,200 feet). The sound pressure level, should all sources be occurring simultaneously is 85 dBA at 50 feet and 42 dBA at 2200 feet. The cement blower dominates the sound levels; when the cement blower is not operating, the sound levels are reduced to 82 dBA at 50 feet and 38 dBA at 2200 feet. It should be noted that the estimated sound levels are at the upper range of what is expected as it is unlikely that these activities would be occurring concurrently.

Source	Sound Pressure Level (dBA)	
	At 50 ft.	At 2200 ft.
Concrete Truck Mixing	79	35
Cement Blower	83	40
Cement Blower Truck Idling	69	26
Truck Passby	70	26
Backup Alarm	77	34
Concrete Truck Discharging	67	23

The concrete batch plant will operate during construction hours, which are anticipated to occur between 7 a.m. and 7 p.m.

Response to Data Request 21 -- Batch Plant Component Sound Power Levels

Source	Frequency (Hz)									Overall Level (dB)	Overall Level (dBA)
	31.5	63	125	250	500	1000	2000	4000	8000		
Cement Blower	116.8	113.2	107.3	114.2	113.5	110.9	101.6	92.6	80	121.4	114.6
Cement Blower Truck - Idling	102.6	102.6	97.6	99	96.7	97	91.9	85.6	72.8	107.9	100.4
Concrete Truck - Mixing	95.6	100.9	109	105.8	104.6	106.4	104.5	96.6	87	113.8	110.3
Concrete Truck - Discharging	103.8	105.1	89.2	92.9	94.8	95.1	91.3	85.3	73.3	108.3	98.6
Backup Alarm	100.5	98.9	99.7	101.1	98.2	108.4	97.3	88.6	76.8	110.9	109.2
Truck Passby	0*	103.6	93.8	96.3	100.1	96.1	93.7	88.7	77.8	106.7	101.4