

June 23, 2016

**VIA E-MAIL AND FEDERAL EXPRESS**

Mr. Darrell Nitschke  
Executive Secretary  
North Dakota Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, ND 58505-0480



**RE: Lindahl Wind Project, LLC's Ten Year Plan for 2016-2026  
Case No. PU-16-\_\_\_\_\_**

Dear Mr. Nitschke:

Enclosed for filing are originals of the following documents:

1. Lindahl Wind Project, LLC's Ten Year Plan: 2016-2026;
2. Notice of Filing Ten Year Plan: 2016-2026; and
3. Certificate of Service.

Electronic copies of the enclosed documents were filed with the Commission today via e-mail. If you have any questions, please let me know.

Sincerely,

A handwritten signature in blue ink that reads "Mollie M. Smith".

MOLLIE M. SMITH

MMS/kas  
Enclosures

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**TEN YEAR PLAN: 2016-2026**  
**Lindahl Wind Project, LLC**

**June 2016**

In accordance with N.D.C.C. § 49-22-04 and N.D.A.C. Ch. 69-06-02, Lindahl Wind Project, LLC (“Lindahl Wind”), submits the following Ten Year Plan for years 2016 through 2026.

- (1) *A description of the general location, size, and type of all facilities to be owned or operated by the utility during the ensuing ten years, as well as those facilities to be removed from service during the ten-year period.*

Lindahl Wind is a Delaware limited liability company, authorized to do business in the State of North Dakota. Lindahl Wind is owned by Enel Kansas, LLC. Lindahl Wind is developing an up to 150 megawatt (“MW”) wind energy conversion facility known as the Lindahl Wind Farm Project (“Project”), located approximately four miles north of the City of Tioga in Williams County, North Dakota. On July 7, 2015, Williams County issued a Conditional Use Permit (“CUP”) for the Project. On December 2, 2015, the North Dakota Public Service Commission (“Commission”) issued Findings of Fact, Conclusions of Law and Order (“Order”) granting Certificate of Site Compatibility No. 47 to Lindahl Wind for the Project (*see* Case No. PU-15-482). Lindahl Wind began construction of the Project in May 2016, and plans to have the Project completed and in-service before the end of 2016.

Other than the Project, Lindahl Wind does not have any transmission or generation facilities located in North Dakota, and the Project will have an estimated life of greater than 10 years. As such, Lindahl Wind does not have any plans to decommission any transmission or generation facilities within the timeframe of this plan.

- (2) *An identification of the location of the tentative preferred site for all energy conversion facilities and the tentative location of all transmission facilities on which construction is intended to be commenced within the ensuing five years and such other information as may be required by the commission. The site and corridor identification shall be made in compliance with the criteria published by the commission pursuant to section 49-22-05.1.*

As noted above, Lindahl Wind plans to have the Project constructed and in-service before the end of 2016. The Project is the only facility that Lindahl Wind plans to construct during the next five years. The Project footprint is located approximately four miles north of the City of Tioga in Williams County, North Dakota. As set forth in the Order, the location of the Project complies with the Commission’s siting criteria, including the exclusion and avoidance area criteria referenced in N.D.C.C. § 49-22-05.1 and identified in N.D.A.C. Ch. 69-06-08. Maps of the Project’s designated site, and additional detail regarding the Project site, are provided in Case No. PU-15-482.

- (3) *A description of the efforts by the utility to coordinate the plan with other utilities so as to provide a coordinated regional plan for meeting the utility needs of the region.*

Lindahl Wind has executed a power purchase agreement with Basin Electric Power Cooperative (“Basin Electric”). Energy will be delivered from the physical point of interconnection (near the Lindahl Switching Station) to Basin Electric’s membership via infrastructure owned and/or operated by Burke Divide Electric Cooperative, Mountrail-Williams Electric Cooperative and the Western Area Power Administration (“WAPA”). The Project has executed an interconnection agreement with the WAPA and an implementation agreement with Mountrail-Williams Electric Cooperative to facilitate the Project’s interconnection to the transmission grid. The power produced by Lindahl Wind, which is located in the Bakken oil production region, will help Basin Electric and its membership meet the demand for electricity resulting from local oil and gas operations.

- (4) *A description of the efforts to involve environmental protection and land-use planning agencies in the planning process, as well as other efforts to identify and minimize environmental problems at the earliest possible stage in the planning process.*

Lindahl Wind engaged the services of a qualified environmental consulting firm to study and identify avoidance and exclusion areas within the Project site, in accordance with N.D.C.C. Ch. 49-22 and N.D.A.C. Ch. 69-06-08. As noted above, Williams County issued a CUP for the Project on July 7, 2015, and the Commission issued Certificate of Site Compatibility No. 47 for the Project on December 2, 2015 (*see* Case No. PU-15-482). Throughout Project development, Lindahl Wind has consulted with applicable local, state, and federal agencies and entities, and will continue to coordinate with agencies and entities as appropriate during construction and operation of the Project.

Additional information regarding Lindahl Wind’s agency and entity contacts, and efforts to identify and minimize any potential environmental issues, is provided in Case No. PU-15-482.

- (5) *A statement of the projected demand for the service rendered by the utility for the ensuing ten years and the underlying assumptions for the projection, with that information being as geographically specific as possible, and a description of the manner and extent to which the utility will meet the projected demands.*

The Project, which is located within the Bakken oil production region, is projected to serve local, state and regional load growth resulting from oil and gas operations. As discussed above, Lindahl Wind has executed a power purchase agreement with Basin Electric for the entire output of the Project.

Although growth in U.S. electricity demand is generally low compared to previous years, according to a report released by the White House in April 2015, North Dakota’s retail electricity sales increased by 27% between 2008 and 2013 – the highest increase in the nation.<sup>1</sup> According

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<sup>1</sup> Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure, April 2015, pg. 1-9, [http://energy.gov/sites/prod/files/2015/04/f22/QR-ALL%20FINAL\\_0.pdf](http://energy.gov/sites/prod/files/2015/04/f22/QR-ALL%20FINAL_0.pdf).

to Basin Electric's 2015 Annual Report, from 2014 to 2015, Basin Electric's energy sales (in millions of megawatt hours) increases by 4.6 percent.<sup>2</sup> Similarly, in January 2015, "Basin Electric's system hit a new all-time member billing peak of 3,598 megawatts, 40 megawatts higher than the previous year's member billing peak. . . . Over the last five years, Basin Electric's member billing peak increased by about 900 megawatts."<sup>3</sup> Further, Basin Electric's 2015 load forecast showed that "even with lower oil prices, growth is expected to continue."<sup>4</sup> Basin Electric's "updated forecast predicted member requirements to increase by approximately 875 megawatts over the next five years, and between 2,220 megawatts and 2,700 megawatts over the forecast period of 2015-2035."<sup>5</sup> Additionally, the North American Electric Reliability Corporation's 2015 summer assessment forecast for Basin Electric included 148 MW of projected year-over-year demand growth compared to the 2014 actual summer peak.<sup>6</sup>

The renewable energy produced by Lindahl Wind's proposed Project can be used by Basin Electric to meet future load growth projections and the accompanying need for new generation.

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<sup>2</sup> Basin Electric 2015 Annual Report, pg. 18.

<sup>3</sup> Basin Electric 2015 Annual Report, pg. 30.

<sup>4</sup> *Id.*

<sup>5</sup> *Id.*

<sup>6</sup> NERC, 2015 Summer Reliability Assessment, May 2015,

[http://www.nerc.com/pa/RAPA/ra/Reliability%20Assessments%20DL/2015\\_Summer\\_Reliability\\_Assessment.pdf](http://www.nerc.com/pa/RAPA/ra/Reliability%20Assessments%20DL/2015_Summer_Reliability_Assessment.pdf).

[http://www.eenews.net/assets/2014/05/14/document\\_gw\\_01.pdf](http://www.eenews.net/assets/2014/05/14/document_gw_01.pdf)

STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION

Case No. PU-16-\_\_\_\_\_

IN THE MATTER OF THE FILING OF A TEN  
YEAR PLAN BY LINDAHL WIND PROJECT,  
LLC

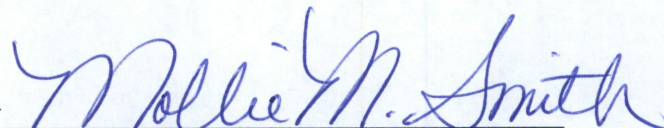
**NOTICE OF FILING TEN YEAR PLAN  
2016-2026**

**PLEASE TAKE NOTICE** that Lindahl Wind Project, LLC, in accordance with N.D.C.C. § 49-22-04 and N.D.A.C. Ch. 69-06-02, filed a Ten Year Plan for the years 2016 through 2026 with the North Dakota Public Service Commission on June 23, 2016, and the Williams County Auditor on June 23, 2016.

Dated this 23rd day of June, 2016.

FREDRIKSON & BYRON, P.A.

By



MOLLIE M. SMITH, ND Bar #06714  
*Attorneys for Lindahl Wind Project, LLC*  
200 South Sixth Street, Suite 4000  
Minneapolis, MN 55402-1425  
(612) 492-7270

**CERTIFICATE OF SERVICE**

I, the undersigned, hereby certify that a true and correct copy of the following document:

**NOTICE OF FILING TEN-YEAR PLAN: 2016-2026**

was served on the 23rd day of June, 2016 by placing the same in the United States mail, postage prepaid, properly addressed to the following:

North Dakota Aeronautics Commission  
P.O. Box 5020  
Bismarck, ND 58502-5020

North Dakota Office of Attorney General  
State Capitol  
600 E. Boulevard Ave.  
Dept. 125  
Bismarck, ND 58505

North Dakota Dept. of Agriculture  
600 E. Boulevard Ave.  
Dept. 602  
Bismarck, ND 58505-0020

North Dakota Dept. of Health  
600 E. Boulevard Ave.  
Bismarck, ND 58505-0200

Dept. of Human Services  
600 E. Boulevard Ave.  
Dept. 325  
Bismarck, ND 58505-0250

North Dakota Dept. of Labor  
600 E. Boulevard Ave.  
Dept. 406  
Bismarck, ND 58505-0340

Department of Vocational Education  
c/o Career and Technical Education  
State Capitol, 15th Floor  
600 E. Boulevard Ave., Dept. 270  
Bismarck, ND 58505-0610

North Dakota Dept. of Commerce  
P.O. Box 2057  
Bismarck, ND 58503

Energy Infrastructure and Impact Office  
North Dakota Department of Trust Lands  
1707 North Ninth Street  
P.O. Box 5523  
Bismarck, ND 58506-5523

North Dakota Game and Fish Department  
100 N. Bismarck Expressway  
Bismarck, ND 58501-5095

North Dakota Industrial Commission  
600 East Boulevard Ave., Dept. 405  
Bismarck, ND 58505-0840

Office of Governor Jack Dalrymple  
State of North Dakota  
600 E. Boulevard Ave.  
Bismarck, ND 58505-0100

North Dakota Department of Transportation  
608 E. Boulevard Ave.  
Bismarck, ND 58505-0700

State Historical Society of North Dakota  
612 E. Boulevard Ave.  
Bismarck, ND 58505-0830

North Dakota Indian Affairs Commission  
State Capitol Building  
600 E. Boulevard Ave.  
1st Floor - Judicial Wing, Rm. 117  
Bismarck, ND 58505-0300

Job Service North Dakota  
P.O. Box 5507  
Bismarck, ND 58506-5507

North Dakota Department of Trust Lands  
1707 North 9th Street  
P.O. Box 5523  
Bismarck, ND 58506-5523

North Dakota Parks and Recreation Dept.  
Century Center  
1600 E. Century Ave., Suite 3  
PO Box 5594  
Bismarck, ND 58506-5594

North Dakota State Soil Conservation Committee  
c/o NDSU Extension Service  
2718 Gateway Ave., Suite 104  
Bismarck, ND 58503

North Dakota State Water Commission  
900 E. Boulevard Ave., Dept. 770  
Bismarck, ND 58505-0850

United States Department of Defense  
1400 Defense Pentagon  
Washington, DC 20301-1400

United States Fish and Wildlife Service  
North Dakota Field Office  
3425 Miriam Avenue  
Bismarck, ND 58501-7926

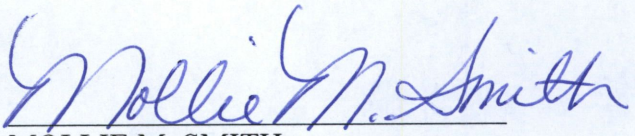
United States Army Corps of Engineers  
North Dakota Regulatory Office  
1513 South 12th Street  
Bismarck, ND 58504

United States Department of Transportation  
Federal Aviation Administration  
800 Independence Ave, SW  
Washington, DC 20591

Williams County Commission  
205 East Broadway  
Williston, ND 58801

North Dakota Transmission Authority  
c/o North Dakota Industrial Commission  
State Capitol 14th Floor  
600 E. Boulevard Ave. Dept. 405  
Bismarck, ND 58505-0840

North Dakota Pipeline Authority  
c/o North Dakota Industrial Commission  
State Capitol 14th Floor  
600 E. Boulevard Ave. Dept. 405  
Bismarck, ND 58505-0840

  
MOLLIE M. SMITH

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STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION

Case No. PU-16-\_\_\_

IN THE MATTER OF THE FILING OF A TEN  
YEAR PLAN BY LINDAHL WIND PROJECT,  
LLC

CERTIFICATE OF SERVICE

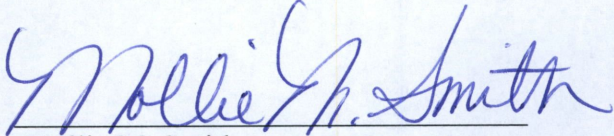
Mollie M. Smith, being first duly sworn, does depose and state that on June 23, 2016, she served the following document:

**Ten Year Plan: 2016-2026**

by placing a true and correct copy of said document in an envelope addressed as follows:

Ms. Beth Innis  
Williams County Auditor  
Williams County Courthouse, Ground Floor  
205 East Broadway, P.O. Box 2047  
Williston, ND 58802-2047

and depositing the same, with postage prepaid, in the United States mail at Minneapolis, Minnesota.

  
Mollie M. Smith

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