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September 24, 2021

—VIA EMAIL & U.S. MAIL—

Mr. Steven M. Kahl, Executive Director
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

RE: AIRCRAFT DETECTION LIGHTING SYSTEM – COURTENAY WIND FACILITY
CASE NO. PU-13-64

Dear Mr. Kahl:

Northern States Power Company, a Minnesota Corporation, doing business in North Dakota as Xcel Energy, respectfully submits the attached siting Certification (and map) relating to the installation of an Aircraft Detection Lighting System (ADLS) at its Courtenay Wind generating facility.

Please contact me if you have any further questions about this information or the project. Thank you.

SINCERELY,

A handwritten signature in blue ink that reads 'David H. Sederquist'.

DAVID H. SEDERQUIST
SR. CONSULTANT, REGULATION & FINANCE

cc: Mr. Patrick Fahn

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

Northern States Power Company
Courtenay Wind Facility - Stutsman County

Case No. PU-13-64

CERTIFICATION RELATING TO N.D.C.C. §§ 49-22-03(3)(a), 49-22-16.4(3) & 49-22-17

STATE OF NORTH DAKOTA)
)
COUNTY OF STUTSMAN) ss.

The undersigned, Christopher B. Clark, President NSPM, a representative of Northern States Power Company, doing business as Xcel Energy (Xcel Energy), with authority to bind Xcel Energy to the following, hereby certifies as follows:

1. In an Order dated November 13, 2013 issued in Case No. PU-13-064, the Public Service Commission (Commission) approved the Certificate of Site Compatibility No. 36 to Courtenay Wind Farm, LLC for the construction, operation, and maintenance of a wind conversion energy facility in Stutsman County, North Dakota known as the Courtenay Wind Farm Project (Courtenay Wind facility).
2. In an Order dated February 26, 2014 issued in Case No. PU-13-706, the Commission approved a Revised Second Amended Settlement Agreement and granted an Advanced Determination of Prudence for a Power Purchase Agreement (PPA) to Xcel Energy regarding the output of the Courtenay Wind facility.
3. In an Order dated August 24, 2015 issued in Case No. PU-15-174, the Commission transferred the Certificate of Site Compatibility No. 36 from Courtenay Wind Farm, LLC to Xcel Energy. The Commission also issued the First Reissued Certificate of Site Compatibility No. 36 to Xcel Energy.
4. In an Order dated August 24, 2015 issued in Case No. PU-15-175, the Commission granted Xcel Energy a Certificate of Public Convenience and Necessity No. 5876 authorizing the construction and operation of the Courtenay Wind facility.
5. In an Order dated August 24, 2015 issued in Case No. PU-15-181, the Commission granted Xcel Energy an Advanced Determination of Prudence for the acquisition and development of the Courtenay Wind facility.
6. In an Order dated August 24, 2015 issued in Case No. PU-15-183, the Commission granted Xcel Energy's request to discontinue the Advanced Determination of Prudence for the PPA regarding the output of the Courtenay Wind facility.
7. In a May 11, 2016 Letter in Case No. PU-15-174, Xcel Energy proposed design changes to the Courtenay Wind facility. These site plan revisions were approved by Commission Staff on May 18, 2016 and acknowledged by the Commission on June 8, 2016.

8. Section 49-22-16.4(3) of the North Dakota Century Code (N.D.C.C.) and section 69-06-11-02(2) of the North Dakota Administrative Code (N.D. Admin. Code) require that a wind energy conversion facility for which a Certificate of Site Compatibility was issued before June 5, 2016 must be equipped with a functioning light-mitigating technology by December 31, 2021.
9. In compliance with these requirements, Xcel Energy intends to commence construction activities to improve the Courtenay Wind facility site by installing an Aircraft Detection and Lighting System (ADLS), which is a radar-based system that automatically activates obstruction lighting on wind turbines upon detection of aircraft approaching within defined parameters, and by installing ADLS lighting on wind turbines that currently have traditional Federal Aviation Administration (FAA) lights installed.
10. Construction to install the ADLS is required in order to comply with the requirements of N.D.C.C. § 49-22-16.4(3) and N.D. Admin. Code § 69-06-11-02(2). Improvements necessary for ADLS installation will be located as depicted on the map attached to this Certification labeled Attachment A.
11. In accordance with N.D.C.C. § 49-22-03(3)(a), Xcel Energy certifies as follows:
 - a. The installation of an ADLS is an improvement to the Courtenay Wind facility.
 - b. The activities required to install the ADLS will be conducted wholly within the geographic location for which a Certificate of Site Compatibility was previously obtained.
 - c. The construction activities are for the installation of ADLS and will include the installation of one ADLS radar tower.
 - d. ADLS installation and associated construction activities will occur in areas in which an environmental analysis was previously conducted for the Courtenay Wind facility site. ADLS construction locations were evaluated relative to the Exclusion and Avoidance Areas set forth in N.D. Admin. Code § 69-06-08-01. This evaluation determined that ADLS will not permanently or temporarily affect any known Exclusion or Avoidance Areas.
12. In accordance with N.D.C.C. § 49-22-17, Xcel Energy further certifies that the Courtenay Wind facility site continues to meet the conditions upon which the Certificate of Site Compatibility was issued.
13. Xcel Energy will continue to comply with all applicable conditions and protections in siting laws and rules and Commission Orders previously issued for the Courtenay Wind facility.

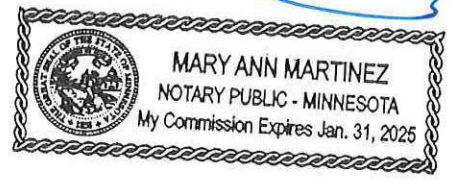
14. Xcel Energy intends to begin construction to install the ADLS on or after October 4, 2021. Assuming that construction progresses as expected, Xcel Energy anticipates the ADLS being fully installed and activated by December 31, 2021.

Christopher B. Clark
President NSPM

STATE OF MINNESOTA)
)
COUNTY OF HENNEPIN) ss.

On this 23 day of September 2021, before me personally appeared Christopher B. Clark, known to me to be the President and representative of Xcel Energy, that is described within and executed, acknowledged, and affirmed to me that such company executed the same.

01-31-2025
Expiration of Commission









7/23/2021 5:10 PM Xcel Energy\Courtenay\GIS\ADLS_CRM_Fig2_070121.mxd kathylbellrichard

Source: USDA NAIP 2020. TIGER Roads. ADLS information provided by Xcel Energy. NW 1/4 of Section 35, Township 143 North, Range 63 West.



-  Proposed ADLS Tower
-  Proposed Access Road
-  Proposed Electrical Utility Route
-  APE for Direct Effects

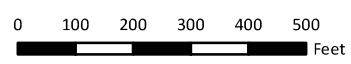


Figure 2: ADLS Location and Results of Field Survey Courtenay Wind Farm Stutsman County, North Dakota





August 26,2021

Ms. Kathy Bellrichard
Tetra Tech
2001 Killbrew Drive, Suite 141
Bloomington, MN 55425

ND SHPO Ref.: 21-6091 FCC TCNS 233914 “Class III Cultural Resource Inventory Courtenay Wind Farm Aircraft Detection Light System (ADLS) Obstruction Light Control Radar Tower 88th Avenue Southeast and 17th Street Southeast Stutsman County, North Dakota” in portions of [T143N R63W Sections 26 & 35]

Dear Ms. Bellrichard,

We reviewed ND SHPO Ref.: 21-6091 FCC TCNS 233914 “Class III Cultural Resource Inventory Courtenay Wind Farm Aircraft Detection Light System (ADLS) Obstruction Light Control Radar Tower 88th Avenue Southeast and 17th Street Southeast Stutsman County, North Dakota” in portions of [T143N R63W Sections 26 & 35] and find the report by Adam Holven and Mick Straskowski acceptable. We concur with a determination of “No Historic Properties Affected” for this project provided it takes place in the location and in the manner described in the documentation and provided all borrow comes from an approved source.

Thank you for the opportunity to review this project. Please include the ND SHPO Reference number listed above in further correspondence for this specific project. If you have any questions please contact Lisa Steckler, Historic Preservation Specialist at (701) 328-3577 or lsteckler@nd.gov

Sincerely,

for William D. Peterson, PhD
State Historic Preservation Officer
(North Dakota)

21-6091