

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF SOUTH DAKOTA**

In the Matter of the Application by Crowned
Ridge Wind, LLC for Facility Permit to
Construct a 230kV Transmission Line and
Associated Facilities From Codington
County to Big Stone South Substation

EL-17-50

**APPLICANT'S RESPONSES TO
STAFF'S SECOND SET OF DATA
REQUESTS TO CROWNED RIDGE
WIND, LLC**

Attached, please find Applicant's Responses to Staff's Second Set of Data
Requests to Crowned Ridge Wind, LLC ("Crowned Ridge" or "Company").

2-1) Refer to the Company's response to Staff Data Request 1-1. Please provide an update on the 1% of the transmission route that is not under easement.

Response:

The Applicant is in advanced discussions with the few remaining landowners for the remaining easements and anticipates obtaining these easements by September 1, 2018.

Respondent: Jason Utton, Vice President – Business Development

- 2-2) Refer to the Company’s response to Staff Data Request 1-3. Please provide a list of all transmission and distribution lines in the area of the proposed project that the Applicant is aware of.

Response:

The table below represents a list of local utility companies, as well as, the general locations of their overhead transmission and distribution lines in the area of the proposed project:

Local Utility	General Description of Location
Codington Clark Electric Distribution	South Side of 160th Street between 464th avenue and 465th avenue, turns North at 465th avenue on west side of road.
Whetstone Valley Electric Distribution	South Side of 159th Street between 468th avenue and 469th avenue.
Ottertail Power Company Distribution	West side of 470th avenue between 159th street and 158th street.
Whetstone Valley Electric Distribution	East and north side of Johnson avenue
Whetstone Valley Electric Distribution	Two Lines running Parallel on South Side of Highway 20 Between 472nd avenue and 473rd avenue
Whetstone Valley Electric Distribution	West Side of 474th avenue between 156th street and 155th street.
Whetstone Valley Electric Distribution	South along 475th avenue.
Whetstone Valley Electric Distribution	Along 476th avenue between 155th street and 156th street.
Whetstone Valley Electric Distribution	South Side of 153rd street between HWY 15 and 479th avenue
Whetstone Valley Electric Distribution	West Side of HWY 15 starting on the south side of 153rd street north to 151st street.
Whetstone Valley Electric Distribution	North side of 152nd street from HWY 15 to 479th avenue.
Unidentified Overhead Power Company	South side of 152nd street from HWY 15 to 479th avenue.
Whetstone Valley Electric Distribution	South side of 151st street from HWY 15 to 479th avenue, turns North and runs along 479th avenue on west side of road.
Whetstone Valley Electric Distribution	Line runs North and South on the west side of 480th avenue.

Whetstone Valley Electric Distribution	Line runs east and west on north side of 151st street from approx. 320' west of the 151st street and 480th avenue intersection to 482nd avenue; Distribution line runs along 480th avenue on the west side of the road starting on south side of 151st street and runs south.
Whetstone Valley Electric Distribution	North and south on the west side of 481st avenue to a point approx. 3,130' north of the 481st avenue 151st street intersection where it crosses to the east side of the road and continues north. There is a tap that supplies the acreage to the east at this location as well.
Whetstone Valley Electric Distribution	Line runs along 481st on the east side of the road, turns east on the south side of 150th street to the 483rd avenue intersection; At the intersection of 150th street and 482nd avenue distribution line starts on the south side of 150th street and the west side of 482nd avenue. There is a tap that supplies the acreage to the north at this location as well.
Ottertail Power Company	Line runs east west on the North side of 150th street from 481st avenue to 483rd avenue; Line runs north and south along 482nd avenue from 151st street to 150th street.
Whetstone Valley Electric Distribution	Line runs north on the east side of 483rd avenue from 150th street to the north side of 148th street.
Whetstone Valley Electric Distribution	Line runs east and west on the south side of 149th street from 482nd avenue to 484th avenue.
Whetstone Valley Electric Distribution	Line runs east and west on the north side of 148th street. Line turns north at 483rd avenue on the west side of the road. At the intersection of 483rd avenue and 148th street there is a distribution tap the runs south west to an acreage; Approx. 600' north of the intersection of 483rd avenue and 148th street there is a distribution tap the runs east along a driveway to an acreage; Line runs on the west side of 483rd avenue to a point approx. 1,300' south of the 147th street and 483rd avenue intersection where it turns and runs west. There is also a distribution tap 2,630' north of the 148th street and 483rd avenue intersection that runs north east to acreage.

Ottertail Power Company	Line runs on the north-west side of Highway 12 the intersection of 483rd avenue to 485th avenue.
Whetstone Valley Electric	Line runs north-east on the north side of Highway 12 for approx. 2,900' where it turns northwest to 145th street.
CAP X Big stone to Brookings	Line starts at the Big Stone substation and runs south along the quarter line to the center of section 25.
East River Electric Transmission	Line Crosses 152nd street one half mile east from the intersection of 152nd street and Highway 15 and runs north and south along the quarter line.

Respondent: Dan Mayers, Director of Transmission Engineering

2-3) Refer to the Company's response to Staff Data Request 1-4.

- a) Has the North Dakota PSC acted on Xcel's request or on the settlement?
- b) Please provide the applicable conditions in the Power Purchase Agreement and Purchase and Sale Agreement for CRW and CRW II associated with the approval of the North Dakota PSC.

Response:

- a) On July 9, 2018, the North Dakota Public Service Commission (PSC) issued a Notice of Consolidated Hearing in the Northern States Power (NSP) advance prudence proceeding (Docket PU-17-120). The North Dakota PSC will conduct a hearing on NSP's application on September 11, 2018. The Notice is provided as Attachment 1.
- b) The applicable conditions associated with the approval of the North Dakota PSC in the Power Purchase Agreement and Purchase and Sale Agreement for CRW and CRW II are provided as Confidential Attachment 2.

Respondent: Jason Utton, Vice President – Business Development

2-4) Refer to the Company's response to Staff Data Request 1-5(c). Please provide a map of the updated centerline.

Response:

A map of the updated centerline is provided as Attachment 1 DR 2-4.

Respondent: Jason Utton, Vice President – Business Development

2-5) Refer to the Company's response to Staff Data Request 1-7. Please provide the status of the final system impact study and the execution of the Generator Interconnection Agreement.

Response:

The status of the third 200 MW interconnection request is that Crowned Ridge Wind anticipates receiving its final system impact study in September 2019. Per Midcontinent Independent System Operator's (MISO) most current Definitive Planning Phase Estimated Schedule, the third 200 MW interconnection request would execute a Generator Interconnection Agreement (GIA) in the first quarter of 2020.

The Applicant's prior response to Staff Data Request 1-7 stated, "The Applicant will take the necessary steps to ensure that the needed transmission upgrades are completed so the transmission line may be connected to the Big Stone South Substation before the Project's commercial operation date in December 2019." The response to Staff Data Request 1-7 remains accurate. Despite the current schedule for the execution of the GIA, the Applicant has the ability to pursue a provisional interconnection agreement with MISO to expedite the date by which the Applicant can commence delivery of energy at the Project's point of interconnection in conjunction with the project's proposed commercial operations date. The decision whether to pursue a provisional interconnection agreement with MISO will be based on a review of preliminary interconnection study results in the fourth quarter of 2018.

Respondent: Jason Utton, Vice President – Business Development

2-6) Refer to the Company’s response to Staff Data Request 1-12, Concern #12. Please identify all neighboring landowners that have contacted the Applicant regarding a proximity concern, what each landowner’s concern is, and how the Applicant was able to address the concern. If it was infeasible to address the landowner concern, please explain why.

Response:

The below information identifies the one neighboring landowner who has notified the Applicant regarding a proximity concern, what the concern is, and how the Applicant is addressing the concern:

Landowner	Mr. Timothy J. Lindgren
Proximity to Project	Project is currently located on the eastern 150 feet of the landowner's property located in Section 2, Township 118N, Range 051W; Landowner's home is located approx. 0.73 miles from the project.
Landowner Concerns	Landowner entered into a Transmission Easement Agreement with the Applicant for the opportunity to host the placement of the project and its associated infrastructure within a defined easement area on the landowner's property. Since the execution of the Transmission Easement Agreement with the Applicant, the landowner has publicly expressed general concern with the project, as well as their concerns related to the placement of infrastructure on the landowner's property.
Applicant's Response to Concerns	The Applicant has commenced discussions with adjacent/neighboring landowners in an effort to shift the project off of the landowner's property. Field surveys and participation from neighboring landowners is required to ensure that the project can be successfully shifted off of the landowner's property. The Applicant hopes to be able to solidify the shift of the proposed project on to adjacent/neighboring lands within the next 30 days.

Respondent: Jason Utton, Vice President – Business Development

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

**Northern States Power Company
Advance Prudence – 1,550 MW Wind Generation
Application**

Case No. PU-17-120

**Northern States Power Company
Advance Prudence – 302.4 MW Dakota Range Wind
Application**

Case No. PU-17-372

NOTICE OF CONSOLIDATED HEARING

July 9, 2018

A **Consolidated Public Hearing** on the applications in the captioned cases is scheduled to begin **September 11, 2018 at 1:00 p.m. CDT** in the Commission Hearing Room on the 12th Floor of the **State Capitol, 600 East Boulevard Ave., Bismarck, North Dakota 58505**.

On March 29, 2017, in Case No. PU-17-120, Northern States Power Company (NSP) filed an application for an advanced determination of prudence for a 1,550 MW Wind Energy Portfolio consisting of seven projects:

- 1) 150 MW Foxtail wind project in Dickey County, ND
- 2) 600 MW Crowned Ridge Wind Project in Codington County, SD
- 3) 100 MW Lake Benton wind project at Pipestone, MN
- 4) 100 MW Clean Energy #1 wind project in Mercer & Morton Counties, ND
- 5) 200 MW Blazing Star I wind project in Lincoln County, MN
- 6) 200 MW Blazing Star II wind project in Lincoln County, MN
- 7) 200 MW Freeborn wind project in Freeborn County, MN and Worth & Mitchell Counties, IA.

On September 19, 2017, Commission Advocacy Staff (Advocacy Staff) and NSP filed a Settlement Agreement in Case No. PU-17-120 intended to resolve all issues. A First Revised Settlement Agreement was filed on September 22, 2017.

On September 25, 2017, a public hearing was held in Case No. PU-17-120.

On October 10, 2017, in Case No. PU-17-372, NSP filed an application for an advanced determination of prudence to build, own, and operate the proposed 302.4 MW Dakota Range I and II wind projects near Watertown, South Dakota.

On February 5, 2018, in Case No. PU-17-372, NSP filed a request to postpone the proceeding while it evaluated impacts from the newly enacted federal Tax Cuts and Jobs Act.

On March 19, 2018, in Case No. PU-17-120, NSP and Advocacy Staff withdrew their First Revised Settlement Agreement and filed a joint request to postpone further consideration of NSP's application while evaluating impacts from the Tax Cuts and Jobs Act.

The issues to be determined in Case No. PU-17-120 and Case No. PU-17-372 is whether each of NSP's proposed resource additions is prudent.

For more information contact the Public Service Commission, State Capitol, Bismarck, North Dakota 58505, 701-328-2400 or Relay North Dakota 1-800-366-6888 TTY. If you require any auxiliary aids or services, such as readers, signers, or Braille materials, please notify, Darrell Nitschke, Executive Secretary, at least 24 hours in advance.

PUBLIC SERVICE COMMISSION



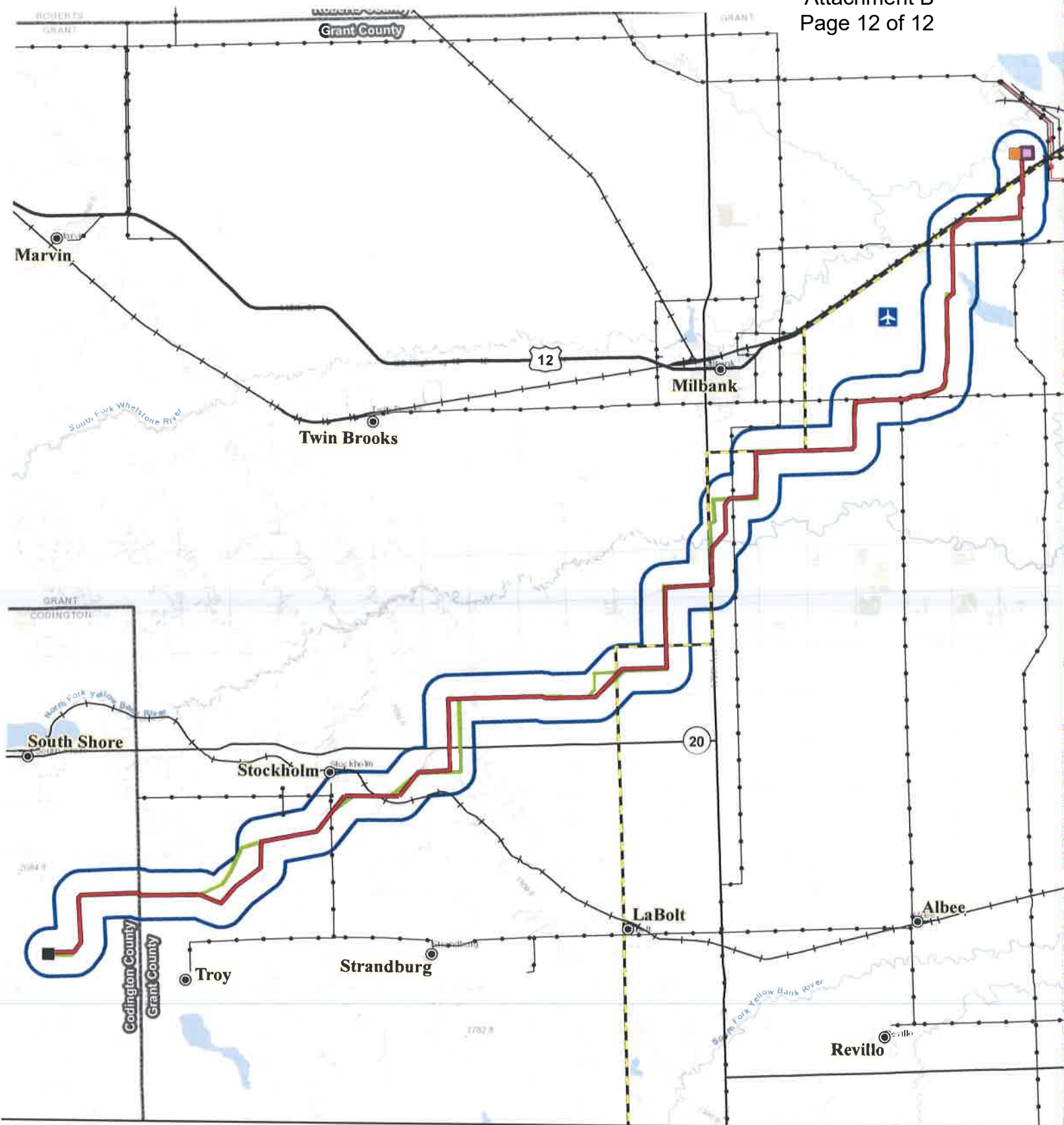
**Brian Kroshus
Commissioner**



**Randy Christmann
Chairman**



**Julie Fedorchak
Commissioner**



Crowned Ridge Transmission Line

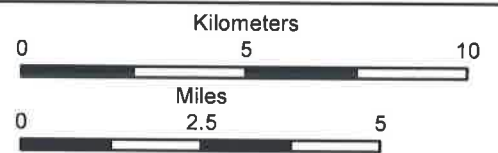
- City
- Proposed Substation
- Existing POI Substation
- ✈ Airport
- Proposed Transmission Line
- Current Transmission Line (07/19/2018)
- Railroad
- Electrical Line
- Natural Gas Line
- Unknown Utility Line
- U.S. Highway
- State Highway
- Land Parcel Containing 12-acre Reactor Station
- Project Study Area (1 mile)
- County Boundary



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Base Map: WorldTopographic Map
Source: Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, and the GIS User Community
Codington and Grant Counties, South Dakota

Projection: NAD 1983 UTM Zone 14N

