

Casey A. Furey  
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June 30, 2020

*Via Electronic Mail Only*

Mr. Steve Kahl  
Executive Director  
North Dakota Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, North Dakota 58505-0480  
ndpsc@nd.gov

**In re: Tatanka Wind Power, LLC  
Velva Windfarm, LLC  
2020 Ten Year Plan  
Our Matter No. 010268-000001**

Dear Mr. Kahl:

On behalf of Tatanka Wind Power, LLC and Velva Windfarm, LLC, enclosed for filing is a copy of the entities' 2020 Ten Year Plan. The Dickey, McIntosh, and McHenry County Auditors have been served with a copy of the Ten Year Plan and notice of the filing has been given to each agency and officer designated in North Dakota Administrative Code § 69-06-01-05. A copy of the corresponding Certificate of Services are also enclosed for filing.

Please feel free to contact me with any questions.

Sincerely,

CROWLEY FLECK PLLP

  
Casey A. Furey  
CAF/drh

Enc.

**TEN-YEAR PLAN: 2020 THROUGH 2030**  
**TATANKA WIND POWER, LLC**  
**VELVA WINDFARM, LLC**

Pursuant to Section 49-22-04 of the North Dakota Century Code and Chapter 69-06-02 of the North Dakota Administrative Code, Tatanka Wind Power, LLC (“Tatanka”) and Velva Windfarm, LLC (“Velva”), submit to the North Dakota Public Service Commission the following Ten Year Plan for years 2020 through 2030.

**§49-22-04 (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.**

Tatanka and Velva are each wholly-owned subsidiaries of Acciona Wind Energy USA LLC (“Company”). Tatanka operates as a 180 MW wind farm that is sited on lands in both North and South Dakota and began commercial operations during July 2008. The North Dakota operations are located in Ashley, North Dakota and extend to Dickey and McIntosh Counties and south into McPherson County, South Dakota. The generation infrastructure consists of 120 1.5 MW wind turbine generators, of which sixty-one (61) wind turbines, a project substation and approximately thirteen (13) miles of 230kV interconnection line is located in North Dakota.

Velva operates as an 11.88 MW wind farm located in Velva, North Dakota and is sited entirely in McHenry County. The generation infrastructure consists of 18 each 0.66 MW wind turbine generators, a project substation and approximately one-hundred (100) feet of 115kV interconnection line.

The Company does not currently anticipate any changes to the present generation capacity of the aforementioned facilities.

**§49-22-04 (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 with 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.**

Tatanka is located in Ashley, North Dakota and extends into Dickey and McIntosh Counties. The attached map (Exhibit A-Tatanka) provides the location of the operations.

Velva is located in Velva, North Dakota in McHenry County. The attached map (Exhibit B-Velva) provides the location of the operations.

The Company has no plans for development of additional utility investment at this time.

**§49-22-04 (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.**

Tatanka has secured a 180 megawatt Large Generator Interconnection Agreement (“LGIA”) dated February 28, 2005 among Tatanka, Midwest Independent System Operator (“MISO”) and Montana-Dakota Utilities Company (“MDU”). Tatanka owns a substation on the project site, along with approximately thirteen (13) miles of 230kV interconnection line that is interconnected to the MDU 230kV transmission line, which connects to the MDU-owned Wishek and Ellendale substations. Tatanka is located in the service territory of the Western Area Power Administration (“WAPA”). MISO serves as both Regional Transmission Organization (“RTO”) and Independent System Operator. Tatanka operates as a merchant generation facility within MISO and, as such, is affected by generation and load demand within MISO.

Velva is party to an Interconnection and Operating Agreement dated September 13, 2005 among Velva, MISO and Northern States Power Company d/b/a/ Xcel Energy (“Excel”). In addition to wind turbines, Velva owns a substation and approximately one-hundred (100) feet of 115kV interconnection line that interconnects to the Excel 115kV transmission line. As with Tatanka, Velva is located in the WAPA service territory and operates within the MISO system. Velva is party to a renewable energy purchase agreement with Excel entered into during May 2004 for a term of twenty (20) years.

**§49-22-04 (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.**

During development and construction of Tatanka wind farm, the Company engaged Westwood Professional Services (“Westwood”) to complete required environmental and land-use studies, filings and permits required by federal agencies, including the U.S. Army Corps of Engineers (“USACE”), the U.S. Fish and Wildlife Service (“USFWS”) and Environmental Protection Agency (“EPA”).

In addition, Westwood also provided services regarding environmental and land-use studies, filings and permits for various North Dakota agencies, including:

- North Dakota Department of Fish & Game;
- North Dakota Department of Health;
- North Dakota Department of Transportation;
- North Dakota Public Service Commission;
- North Dakota State Historic Preservation Office.

Tatanka continues to work with both federal and state agencies to ensure wind farm operations suitably co-exist with the environment.

Velva completed similar environmental and land-use studies, filing and permits required by both federal and state agencies and continues to ensure wind farm operations suitably co-exist with the environment.

**§49-22-04 (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 project, 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.**

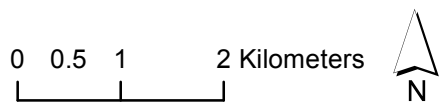
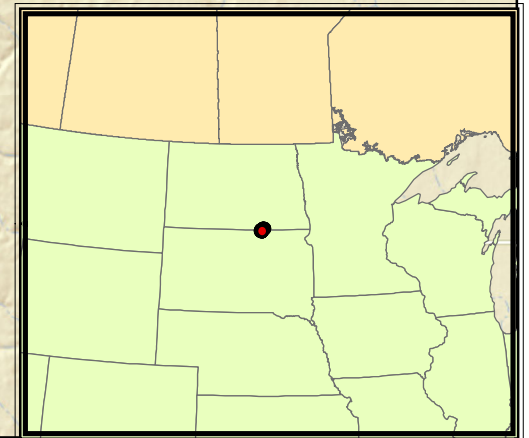
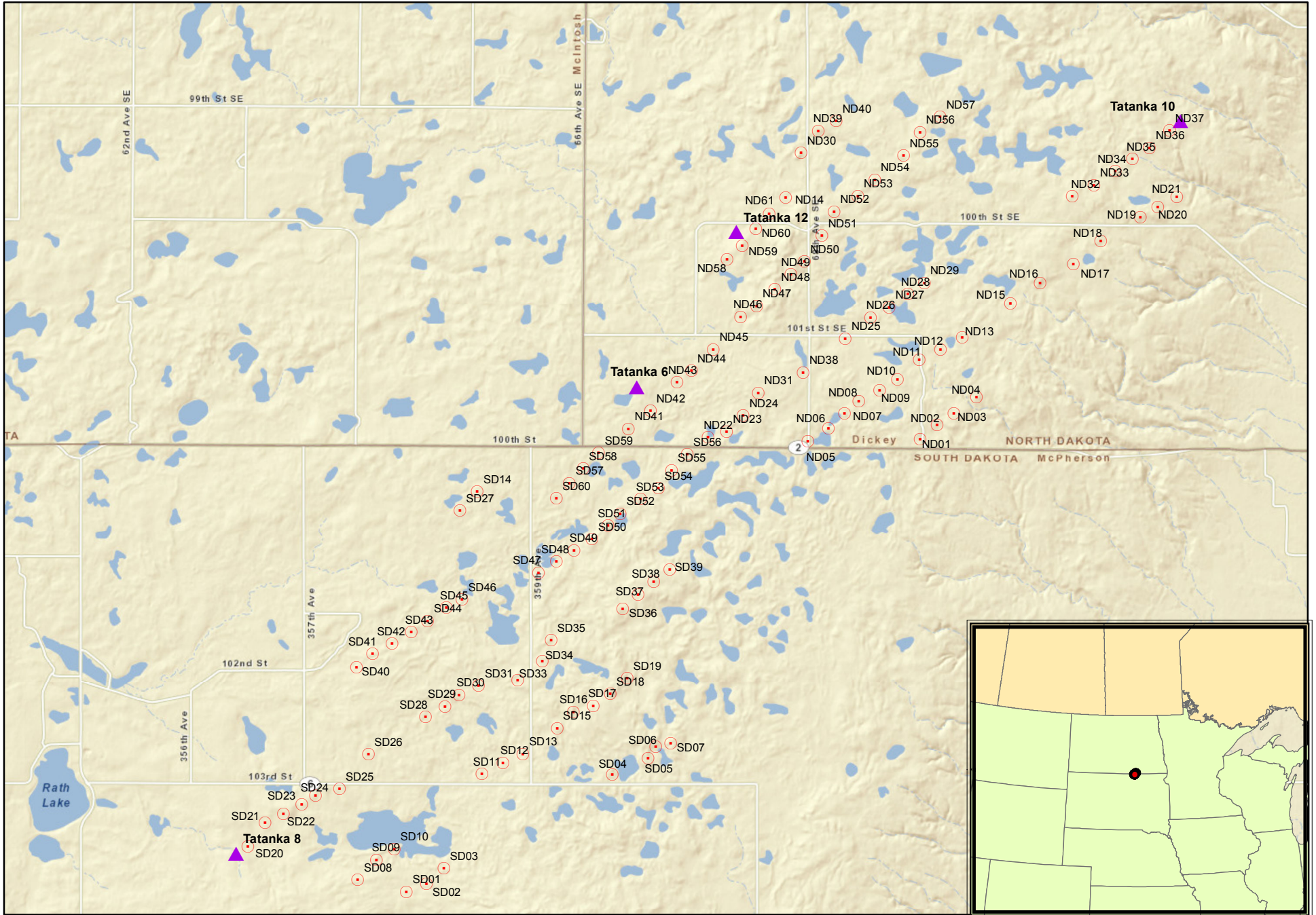
During the 2007 legislative session, North Dakota passed House Bill 1506 (codified as North Dakota Century Code Chapter 49-02-28) that established a renewable energy objective of ten percent (10%) of all electricity sold in the state would be obtained from renewable and recycled energy by 2015.

The MISO Transmission Expansion Plan (“MTEP”) for 2018 forecasted a reserve deficit of 100 MW to as much as a 7.3 GW surplus in 2020. The 2019 MTEP forecasts a 3.0 GW to 5.8 GW of resources in excess of regional requirements in 2020, but increasing uncertainty and potential shortfalls of required reserves into the future. As such, a 3.0 GW excess would correspond to a 19.2% planning reserve margin and 5.8 GW corresponds to a 21.4% reserve margin, but the latter may be impacted by unavailable capacity and resources. However, MISO calculates a 16.8% planning reserve margin is needed to ensure capacity-related outages occur no more than one day in ten years. This reserve margin suggests sufficient reserve margin through 2024, but increasing uncertainty and potential shortfalls of required reserves in the future. Uncertainties include new generation development, changes in load forecast, unit availability limitations, and generation retirements. The resource adequacy picture will continue to evolve as load serving entities and states continue to firm up their future resource plans. To this end, MISO is working with stakeholders through its Resource Availability and Need (RAN) effort to increase incentives for unit availability, provide greater visibility into needs to ensure reliability and more flexibility to allow load-serving entities to best utilize their resources.

Both the Tatanka and Velva projects are generating energy that is delivered into the MISO system to meet these current and future energy needs.

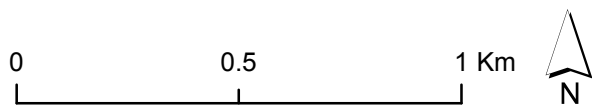
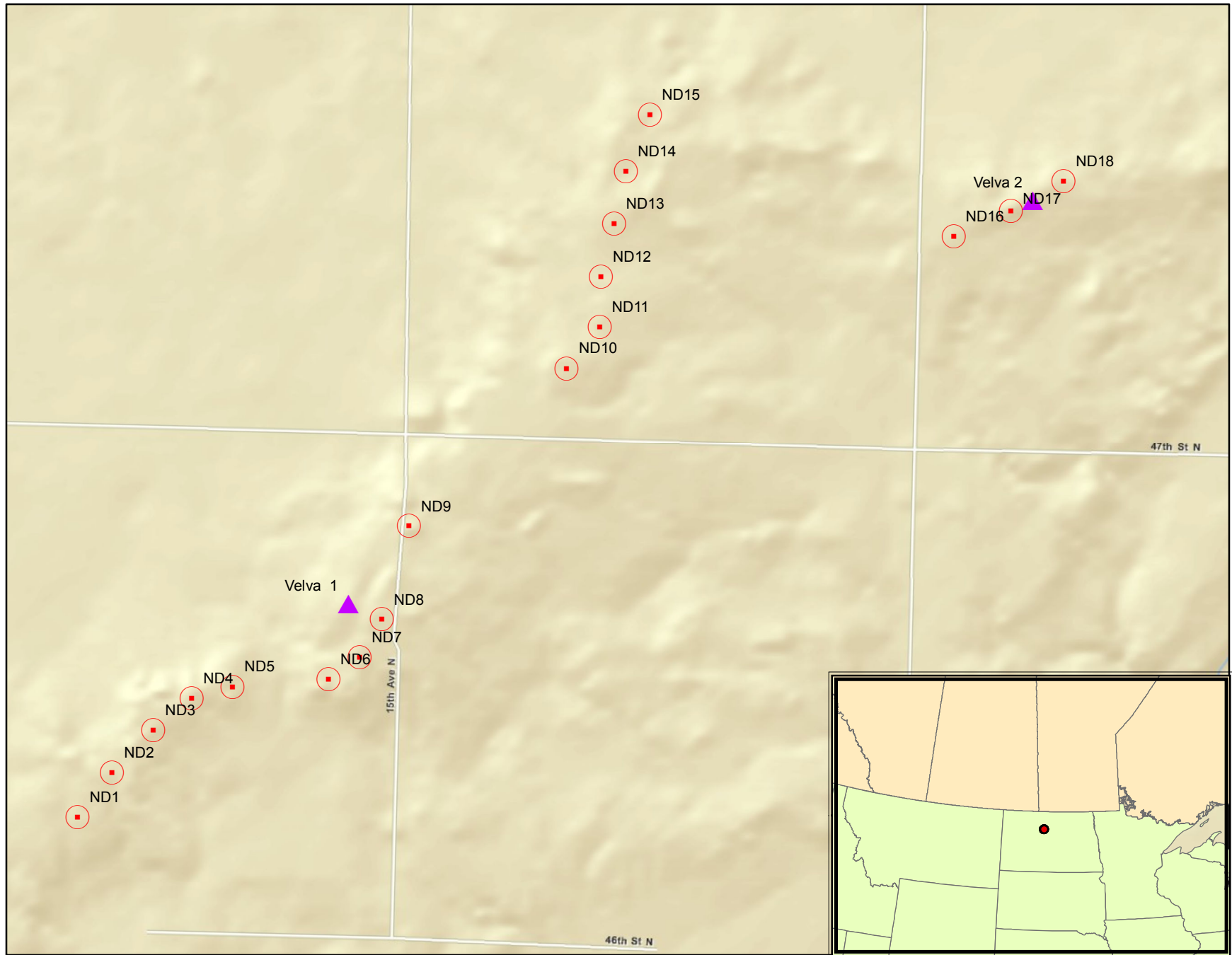
# Tatanka

## Exhibit A



# Velva

# Exhibit B



**STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**

**IN RE THE FILING OF A TEN YEAR PLAN BY  
TATANKA WIND POWER, LLC & VELVA WINDFARM, LLC**

**NOTICE OF TEN YEAR PLAN FILING**

In accordance with North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Ch. 69-06-02, **NOTICE** is hereby provided that on June 30, 2020, Tatanka Wind Power, LLC and Velva Windfarm, LLC filed a Ten Year Plan with the North Dakota Public Service Commission and the Dickey, McHenry, and McIntosh County Auditors. To request a copy of the filing, please contact the North Dakota Public Service Commission or the undersigned.

Dated this 30th day of June, 2020.

CROWLEY FLECK PLLP  
Attorneys for Tatanka Wind Power, LLC  
and Velva Windfarm, LLC  
100 West Broadway Ave., Suite 250  
P.O. Box 2798  
Bismarck, North Dakota 58502-2798  
Phone: (701) 223-6585  
Fax: (701) 222-4853  
cfurey@crowleyfleck.com

By:   
Casey A Furey (#08035)

**CERTIFICATE OF SERVICE**

I, the undersigned, herby certify that on the 30<sup>th</sup> day of June, 2020, a true and correct copy of the following document:

**Notice of Ten-Year Plan Filing**

was placed in the U.S. Mail with postage prepaid, to be served upon the following at their last known post office address as follows:

Kyle C. Wanner, Director ND State Aeronautics Commission P.O. Box 5020 Bismarck, ND 58502-5020	Claudia Berg, Director State Historical Society of North Dakota 612 E. Boulevard Avenue Bismarck, ND 58505
Wayne Stenehjem, Attorney General Office of the Attorney General 600 E. Boulevard Avenue, Dept. 125 Bismarck, ND 58505	Scott Davis, Executive Director ND Indian Affairs Commission 600 E. Boulevard Avenue, Room #117 Bismarck, ND 58505
Doug Goehring, Agriculture Commissioner ND Department of Agriculture 600 E. Boulevard Avenue, Dept. 602 Bismarck, ND 58505	Bryan Klipfel, Executive Director Job Service of North Dakota P.O. Box 5507 Bismarck, ND 58506
Dr. Andrew Stahl, Interim State Health Officer ND Department of Health 600 E. Boulevard Avenue, Dept. 301 Bismarck, ND 58505	Jodi A. Smith, Land Commissioner ND Department of Trust Lands 1707 N. 9 <sup>th</sup> Street Bismarck, ND 58501
David Glatt, Director ND Department of Environmental Quality 918 E. Divide Avenue Bismarck, ND 58501	Andrea Travnicek, Director ND Parks and Recreation Department 1600 E. Century Avenue, Suite 3 Bismarck, ND 58506
Christopher D. Jones, Executive Director ND Department of Human Services 600 E. Boulevard Avenue, Dept. 325 Bismarck, ND 58505	Barton Schott, Chair ND State Soil Conservation Committee 2718 Gateway Avenue, Suite 304 Bismarck, ND 58503
Erica Thunder, Commissioner of Labor ND Department of Labor and Human Rights 600 E. Boulevard Avenue, Dept. 406 Bismarck, ND 58505	John Paczkowski, P.E., Interim State Engineer ND State Water Commission 900 E. Boulevard Bismarck, ND 58505

Wayde Sick, Director and Executive Officer ND Department of Career and Technical Education 600 E. Boulevard Avenue, Dept. 270 Bismarck, ND 58505	U.S. Department of Defense 1400 Defense Pentagon Washington, DC 20301
Michelle Kommer, Commissioner ND Department of Commerce 1600 E. Century Avenue, Suite 2 Bismarck, ND 58503	Drew Becker, Deputy Field Supervisor U.S. Fish and Wildlife Service 3425 Miriam Avenue Bismarck, ND 58501
Rick Owings, Grants Administrator Energy Development Impact Office 1707 N. 9 <sup>th</sup> Street Bismarck, ND 58501	U.S. Army Corps of Engineers North Dakota Regulatory Office 3319 University Dr. Bismarck, ND 58504
Terry Steinwand, Director ND Game and Fish Department 100 N. Bismarck Expressway Bismarck, ND 58501	Rebecca MacPherson Federal Aviation Administration O'Hare Lake Office Center 2300 East Devon Avenue Des Plaines, IL 60018
John Weeda North Dakota Transmission Authority P. O. Box 2277 Bismarck, ND 58502-2277	U.S. Department of Transportation Federal Aviation Administration 800 Independence Avenue, SW Washington, DC 20591
Karlene Fine ND Industrial Commission 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	Marke Roberts, Chairman Dickey County Commission 1116 Kola Avenue Oakes, ND 58474
Governor Doug Burgum Office of the Governor, State of North Dakota 600 E. Boulevard Avenue, Dept. 101 Bismarck, ND 58505	Bryan Bruner, Chairman McHenry County Commission McHenry County 407 Main Street S., Room 201 Towner, ND 58788
Ronald Henke, Director ND Department of Transportation 608 E. Boulevard Avenue Bismarck, ND 58505	Perry Turner, Chairman McIntosh County Commission 112 1 <sup>st</sup> Street NE Ashley, ND 58413
Justin Kringstad, Director ND Pipeline Authority 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	

Dated this 30<sup>th</sup> day of June, 2020.

CROWLEY FLECK PLLP  
Attorneys for Tatanka Wind Power, LLC  
and Velva Windfarm, LLC  
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cfurey@crowleyfleck.com

By:   
Casey A Furey (#08035)

**CERTIFICATE OF SERVICE**

I, the undersigned, hereby certify that on June 30<sup>th</sup>, 2020, a true and correct copy of the following document:

- **Tatanka Wind Power, LLC and Velva Windfarm, LLC's Ten-Year Plan: 2020 Through 2030**

was deposited in the U.S. Mail postage prepaid and directed to the persons to be served at their last known post office address as follows:

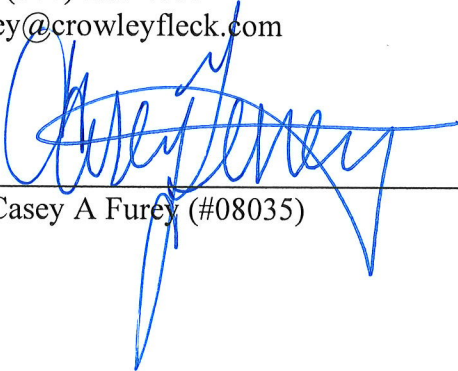
Ms. Wanda Sheppard  
Dickey County Auditor  
P.O. Box 215  
Ellendale, ND 58436

Ms. Darlene Carpenter  
McHenry County Auditor  
407 Main Street South, Room 201  
Towner, ND 58788

Gina Ketterling  
McIntosh County Auditor  
P.O. Box 39  
Ashley, ND 58413

Dated this 30th day of June, 2020.

CROWLEY FLECK PLLP  
Attorneys for Tatanka Wind Power, LLC  
and Velva Windfarm, LLC  
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