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July 15, 2022

*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 – Case No. PU-22-265  
Velva Windfarm, LLC – Case No. PU-22-280  
2022 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' 2022 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 Service is also enclosed for filing.

Please feel free to contact me with any questions.

Sincerely,

CROWLEY FLECK PLLP



Casey A. Furey

CAF/lh  
Enc.

cc: Emilie Beavers (via email)

4 PU-22-280 Filed 07/15/2022 Pages: 11  
2022 Ten Year Plan  
Velva Windfarm, LLC  
Casey Furey, Crowley Fleck, PLLP

## CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on July 15, 2022, a true and correct copy of the following document:

- **Tatanka Wind Power, LLC and Velva Windfarm, LLC's Ten-Year Plan: 2022 Through 2032**

was deposited in the U.S. Mail, Certified - Return Receipt Requested, with 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

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

Dated this 15<sup>th</sup> day of July, 2022.

CROWLEY FLECK PLLP  
Attorneys for Tatanka Wind Power, LLC  
and Velva Windfarm, LLC  
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By: \_\_\_\_\_

Casey A. Furey (#08035)

**TEN-YEAR PLAN: 2022 THROUGH 2032**  
**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 2022 through 2032.

**§49-22-04 (1)(a): 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 (1)(b): 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 (1)(c): 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 (1)(d): 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 (1)(e): 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.**

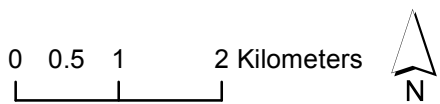
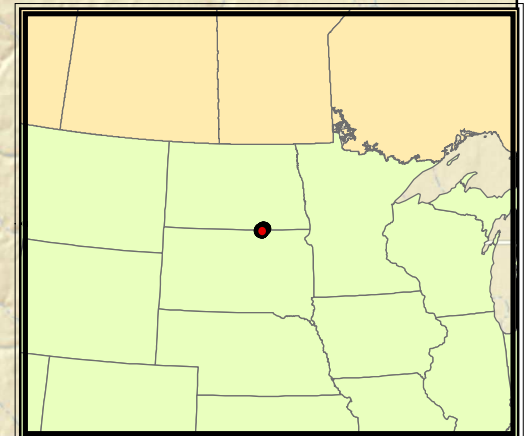
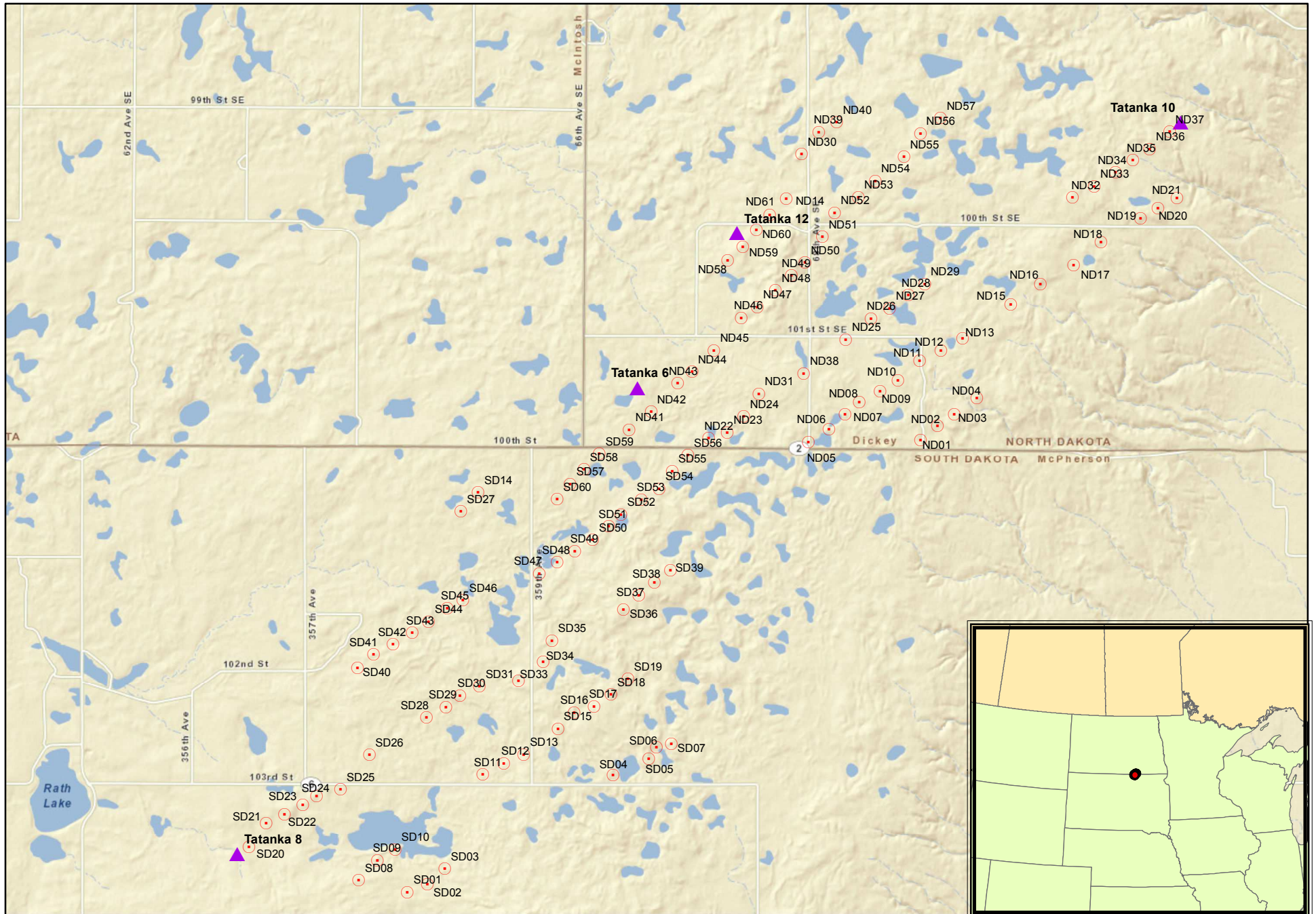
During the 2007 legislative session, North Dakota passed House Bill 1506 (codified as North Dakota Century Code Chapter 49-02-28) that established a renewable energy objective of ten percent (10%) of all electricity sold in the state would be obtained from renewable and recycled energy by 2015.

The MISO region will have adequate, but tighter, reserve margins for 2022, and continued action will be critical to ensure resource adequacy into the future. For 2022, MISO will have a surplus of resources to meet the regional resource requirement. In most of the MISO region, load-serving entities with oversight by the applicable state or local jurisdiction are responsible for resource adequacy. Though the 2022 peak demand forecast decreased 3.6 GW from last year's survey, the five-year regional demand growth rate remained stable at approximately 0.3% year-over-year. On the supply side, the 2021 OMS-MISO Survey continues to indicate that increasing resource adequacy risk can be avoided by firming up the commitments of additional potential resources.

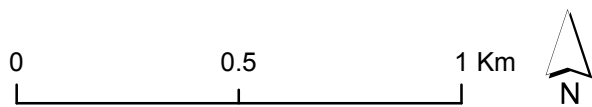
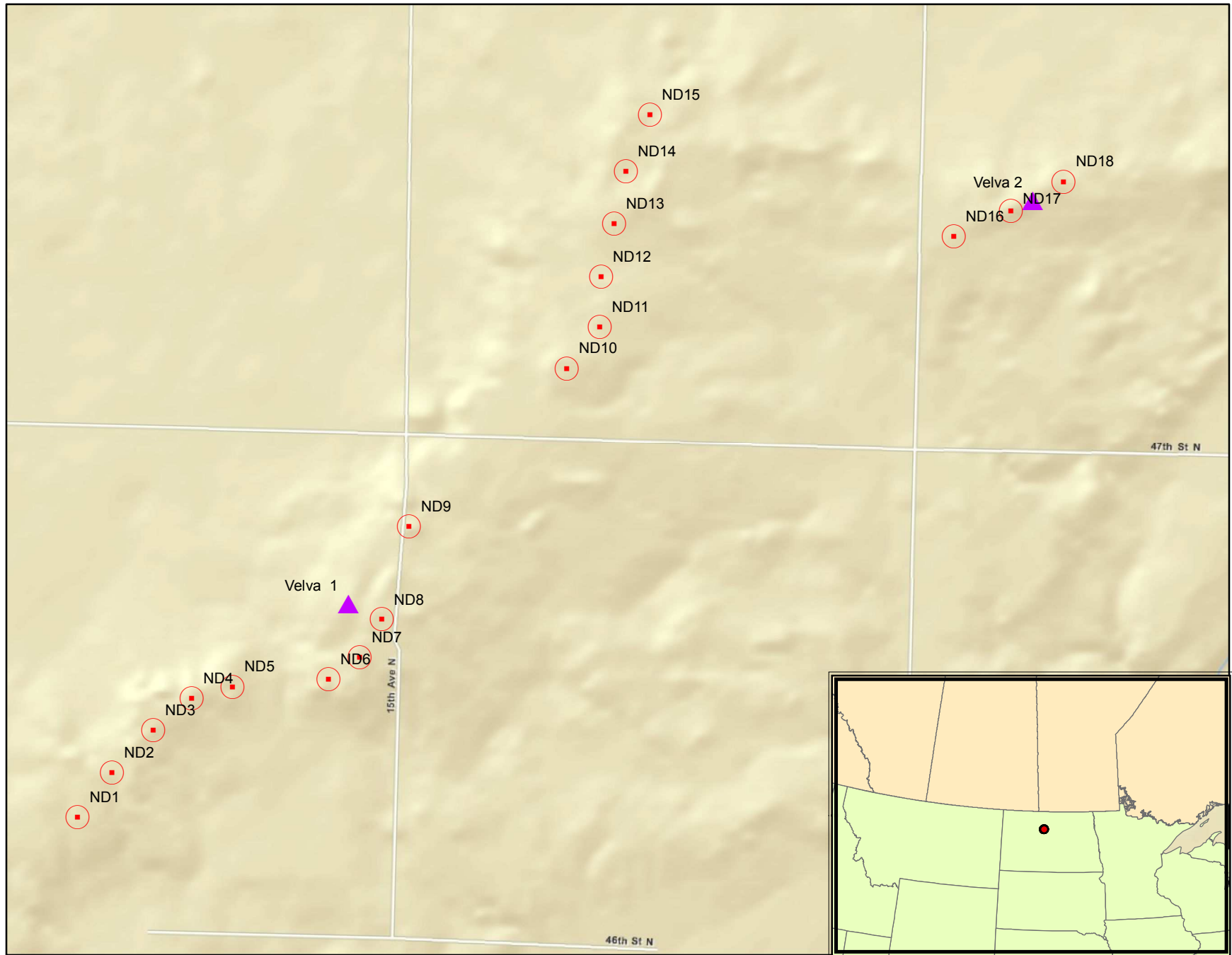
The potential for significant generation fleet transformation has prompted MISO to evaluate how system needs will change and how MISO might adapt its planning, markets, and operations to maintain reliability with aging and retiring units, higher penetration of intermittent resources, and new load consumption patterns. The MISO membership is rapidly transitioning the resource mix in the footprint.

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



# Velva



**STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**

**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 July 15, 2022, 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 15th day of July, 2022.

CROWLEY FLECK PLLP  
Attorneys for Tatanka Wind Power, LLC  
and Velva Windfarm, LLC  
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P.O. Box 2798  
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By: 

Casey A. Furey (#08035)

## CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on the 15<sup>th</sup> day of July, 2022, 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, Executive Director ND State Aeronautics Commission P.O. Box 5020 Bismarck, ND 58502-5020	Bill Peterson, Director State Historical Society of North Dakota 612 E. Boulevard Avenue Bismarck, ND 58505
Drew Wrigley, Attorney General Office of the Attorney General 600 E. Boulevard Avenue, Dept. 125 Bismarck, ND 58505	Nathan Davis, Executive Director ND Indian Affairs Commission 600 E. Boulevard Avenue 1 <sup>st</sup> Floor Judicial Wing, Room 117 Bismarck, ND 58505
Doug Goehring, Agriculture Commissioner ND Department of Agriculture 600 E. Boulevard Avenue, Dept. 602 Bismarck, ND 58505	Pat Bertagnolli, Executive Director Job Service of North Dakota P.O. Box 5507 Bismarck, ND 58506
Dr. Nizar Wehbi, State Health Officer ND Department of Health 600 E. Boulevard Avenue, Dept. 301 Bismarck, ND 58505	Joseph A. Heringer, 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 4201 Normany St. Bismarck, ND 58503-1324	Cody Schulz, Director ND Parks and Recreation Department 604 E. Boulevard Avenue, Dept. 750 Bismarck, ND 58505
Christopher D. Jones, Executive Director ND Department of Human Services 600 E. Boulevard Avenue, Dept. 325 Bismarck, ND 58505	Mary E. Podoll, State Conservationist ND Natural Resources Conservation Service P.O. Box 1458 Bismarck, ND 58502-1458
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., State Engineer ND State Water Commission 900 E. Boulevard Avenue 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	Lloyd J. Austin III, Secretary of Defense U.S. Department of Defense 1000 Defense Pentagon Washington, DC 20301-1000
James Leiman, Commissioner ND Department of Commerce 1600 E. Century Avenue, Suite 6 Bismarck, ND 58503	Drew Becker, Ecological Services Supervisor U.S. Fish and Wildlife Service 3425 Miriam Avenue Bismarck, ND 58501
Rick Owings, Grants Administrator Energy Infrastructure and 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
Jeb Williams, 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 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	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	John Hokana, Chairman Dickey County Commission 8813 111 <sup>th</sup> Ave SE Oakes, ND 58474-9102
Governor Doug Burgum Office of the Governor, State of North Dakota 600 E. Boulevard Avenue, Dept. 101 Bismarck, ND 58505	Perry Turner, Chairman McIntosh County Commission McIntosh County Courthouse 112 1 <sup>st</sup> Street NE Ashley, ND 58413
William Panos, Director ND Department of Transportation 608 E. Boulevard Avenue Bismarck, ND 58505	Larry Haman, Chairman McHenry County Commission McHenry County Courthouse 407 South Main Street #203 Towner, ND 58788

Justin Kringstad, Director ND Pipeline Authority 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	Tom Claeys, State Forester ND Forest Service 916 E. Interstate Ave., Suite #4 Bismarck, ND 58503-1227
Lynn Helms, Director ND Geological Survey 600 E. Boulevard Ave. Bismarck, ND 58505-0840	Tom Claeys, State Forester ND Forest Service 307 1 <sup>st</sup> Street E Bottineau, ND 58318-1100
Tracy Stone-Manning, BLM Director Federal Bureau of Land Management 1849 C Street NW Washington, DC 20240	Military Aviation and Installation Assurance Siting Clearinghouse 3400 Defense Pentagon, Room 5C646 Washington, DC 20301-3400
Federal Bureau of Land Management North Dakota Field Office 99 23 <sup>rd</sup> Ave. West, Suite A Dickinson, ND 58601	Grand Forks Air Force Base 345 Tuskegee Amn. Blvd. Grand Forks AFB, ND 58205
Minot Air Force Base Twentieth Air Force 91 <sup>st</sup> Missile Wing 196 Missile Ave. Minot AFB, ND 58705	Minot Air Force Base 196 Missile Ave. Minot AFB, ND 58705

Dated this 15<sup>th</sup> day of July, 2022.

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and Velva Windfarm, LLC  
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