

June 11, 2024

Via Electronic Mail & Hand Delivery

Mr. Steve Kahl
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
2024 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' 2024 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)

TEN-YEAR PLAN: 2024 THROUGH 2034
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 2024 through 2034.

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

The Company currently has no plans for development of additional utility investment.

§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 230 kV interconnection line that is interconnected to the MDU 230 kV transmission line, which connects to the MDU-owned Wishek and Ellendale substations. Tatanka is located in 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 within 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.

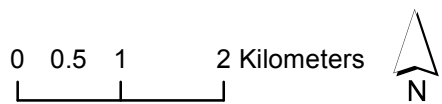
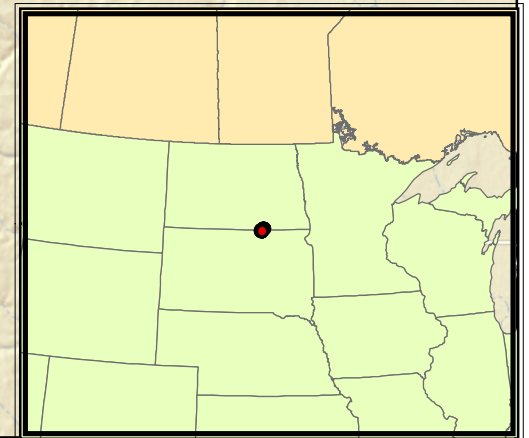
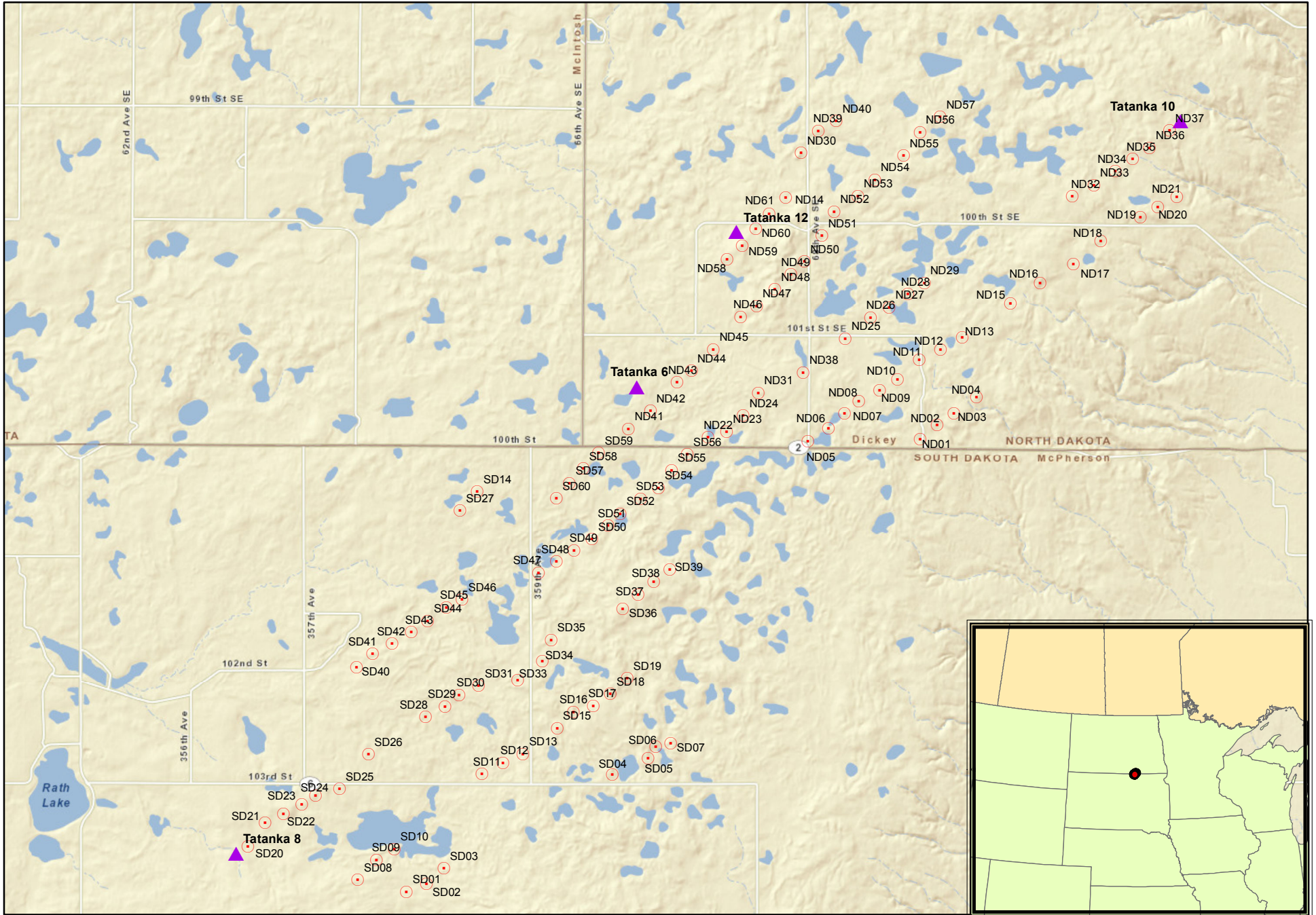
The 2023 planning resource auction (PRA) was the first to reflect MISO's four-season resource adequacy construct, which is intended to address risk beyond traditional summer peak-load months. This initial PRA demonstrated that all parts of the MISO region have adequate resources for the 2023-24 planning year. However, while adequate resources are projects for the current planning year, there is no assurance that the region will have adequate resources going forward. During the current planning year, there have been positive impacts by Load Serving Entities (LSE) that have delayed a number of previously announced resource retirements, and the region gaining additional capacity via imports.

As an aid in determining resource adequacy, MISO administers an annual resource survey that focuses on a five-year forward view, but also includes 10-year forward data, although uncertainty is expected to increase beyond the initial 5-year period. The survey indicates that the MISO region will have sufficient resources for the 2024-25 Planning Year, with a surplus of 1.5 GW in the summer. The surplus is based on delayed retirements and energy imports that may not occur again going forward. The survey reflects that the region could have a capacity deficit of 2.1 GW in the summer of the 2025-26 Planning Year, with the deficit increasing in future years, suggestive that actions taken this year may not be available in the future.

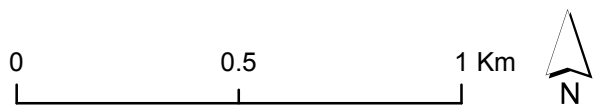
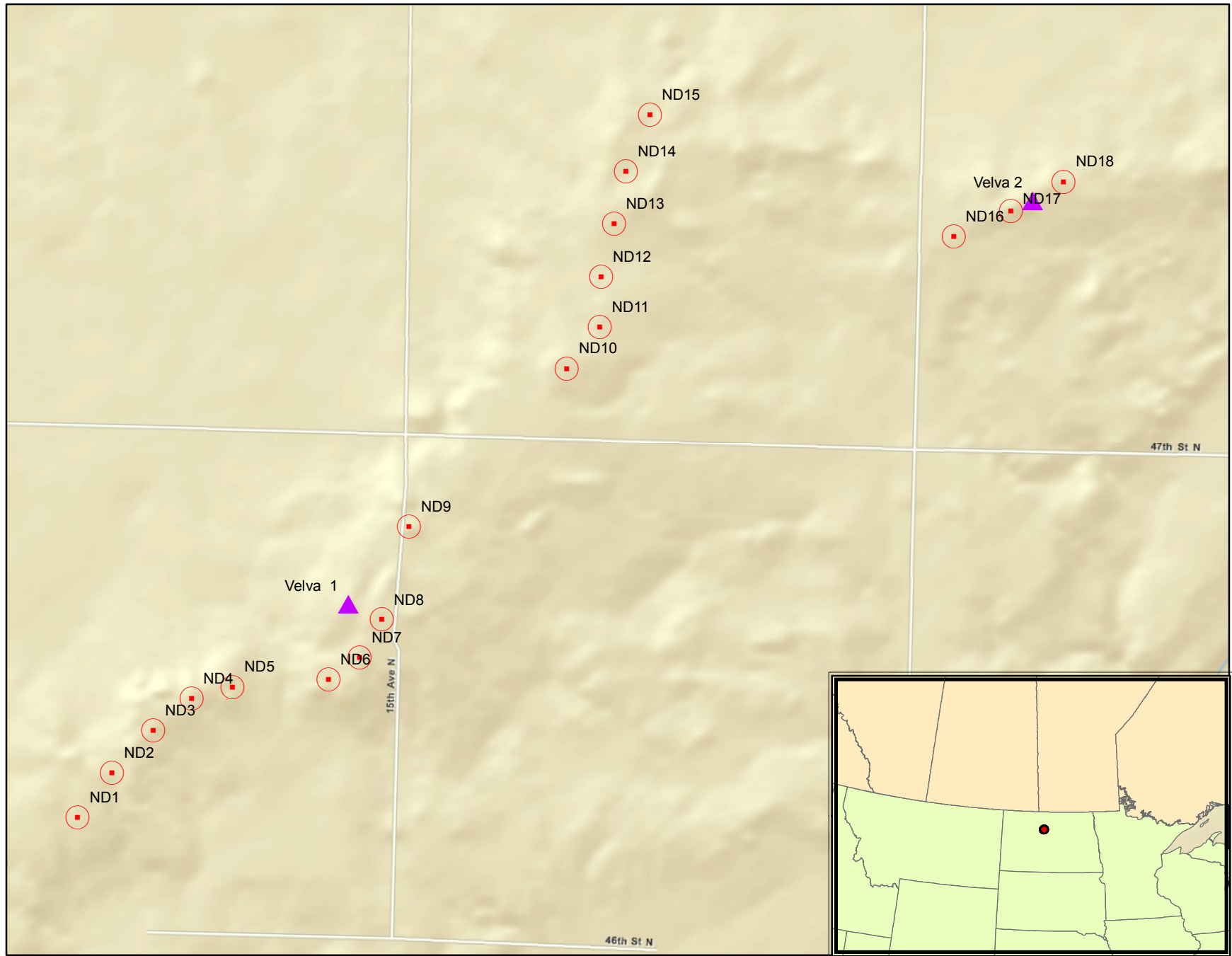
Since the pandemic, supply chain and regulatory issues have increased the time it takes for new generation to reach commercial operation, mostly due to supply constraints of both generation facility and transmission equipment. As such, since August 2023, MISO had nearly 50 GW of new generation with a generation interconnection agreement (GIA) and not yet online. Wind and solar generation are projected to serve 60% of MISO's annual load by 2041, which would reduce emissions by nearly 80% relative to 2005 levels but increase the complexity of reliably operating and planning the system. And, as the solar generation fleet grows, the system will have a much greater need for controllable ramp-up capacity as short duration ramp-ups increase by three times by 2031.

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 June 11, 2024, 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 11th day of June, 2024.

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, hereby certify that on the 11th day of June, 2024, 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:

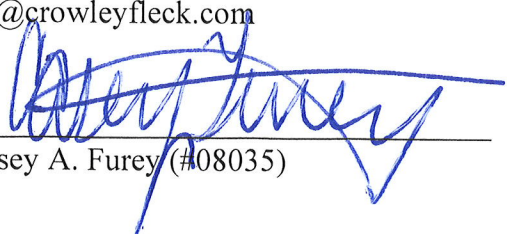
Kyle C. Wanner, Director ND State Aeronautics Commission P.O. Box 5020 Bismarck, ND 58502-5020	Bill Peterson, Director State Historical Society of North Dakota 612 E. Boulevard Avenue Bismarck, ND 58505
Drew Wrigley, Attorney General Office of the Attorney General 600 E. Boulevard Avenue, Dept. 125 Bismarck, ND 58505	Brad Hawk, Executive Director ND Indian Affairs Commission 600 E. Boulevard Avenue 1 st 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	Patrick 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 th Street Bismarck, ND 58501
David Glatt, Director ND Department of Environmental Quality 4201 Normandy St. Bismarck, ND 58503-1324	Cody Schulz, Director ND Parks and Recreation Department 604 E. Boulevard Avenue, Dept. 750 Bismarck, ND 58505
Jessica Thomasson, Executive Director ND Department of Human Services 600 E. Boulevard Avenue, Dept. 325 Bismarck, ND 58505	Dan Hovland, State Conservationist ND Natural Resources Conservation Service 220 East Rosser Avenue Federal Building Bismarck, ND 58502-1458
Nathan Svihovec, 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 Department of Water Resources 1200 Memorial Highway Bismarck, ND 58504-5262

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
Josh Teigen, 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 th 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
Claire Vigesaa, Executive Director 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
Karen Tyler, Interim Executive Director ND Industrial Commission 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505-0840	Jerry Walsh, Chairman Dickey County Commission PO Box 215 Ellendale, ND 58436
Governor Doug Burgum Office of the Governor, State of North Dakota 600 E. Boulevard Avenue, Dept. 101 Bismarck, ND 58505	Jim Heinrich, Chairman McIntosh County Commission McIntosh County Courthouse 112 1 st Street NE Ashley, ND 58413
Ron Henke, PE, Director ND Department of Transportation 608 E. Boulevard Avenue Bismarck, ND 58505-0700	Brady Nelson, Chairman McHenry County Commission McHenry County Courthouse 407 Main Street South #201 Towner, ND 58788

Justin Kringstad, Director ND Pipeline Authority 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505-0840	Tom Claeys, State Forester ND Forest Service 916 E. Interstate Ave., Suite #4 Bismarck, ND 58503-1227
Lynn Helms, Director ND Geological Survey 1016 E. Calgary Avenue Bismarck, ND 58503	Tom Claeys, State Forester ND Forest Service 307 1 st Street East Bottineau, ND 58318-1100
Tracy Stone-Manning, Director Bureau of Land Management 706 Horizon Drive Grand Junction, CO 81506	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 rd 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 st Missile Wing 196 Missile Ave. Minot AFB, ND 58705	Minot Air Force Base 196 Missile Ave. Minot AFB, ND 58705

Dated this 11th day of June, 2024.

CROWLEY FLECK PLLP
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Fax: (701) 222-4853
cfurey@crowleyfleck.com

By: 
Casey A. Furey (#08035)

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on June 11, 2024, a true and correct copy of the following document:

- **Tatanka Wind Power, LLC and Velva Windfarm, LLC's Ten-Year Plan: 2024 Through 2034**

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 11th day of June, 2024.

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and Velva Windfarm, LLC
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