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August 31, 2016

Mr. Darrell Nitschke
Executive Director
PUBLIC SERVICE COMMISSION
12th Floor, State Capitol
600 E. Boulevard Ave.
Bismarck, ND 58505-0480



Dear Mr. Nitschke:

In re: Tatanka Wind Power, LLC and Velva Windfarm, LLC 2016 Ten-Year Plan

On behalf of Tatanka Wind Power, LLC and Velva Windfarm, LLC, we hereby submit its Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

CROWLEY FLECK PLLP
Attorneys for Tatanka Wind Power, LLC and
Velva Windfarm, LLC
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By 
JOHN W. MORRISON

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enc.

Ten-Year Plan to:
County Auditors:
Dickey and McIntosh Counties
Greg Rice
Notice to:
State Agencies and Officers designated in
§ 69-06-01-05, N.D. Adm. Code.

TEN YEAR PLAN: 2016 THROUGH 2026
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 2016 through 2026.

§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 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 firm 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 double-circuited 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.

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 the 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, filing 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 2016 (draft) forecasts a decline in Planning Reserve Margin Requirement ("PRMR") below 15.2% beginning in 2018, which means that the MISO region is projected to operate at a reliability level lower than one day in ten standard in 2018 and beyond. Key conclusions of the Plan include:

- A decrease in resources of independent power producers committed to serving MISO load;
- Each zone will have sufficient resources within its boundaries to meet Local Clearing Requirements;
- Regional shortages in later years may be rectified by resource adequacy reforms.

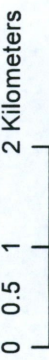
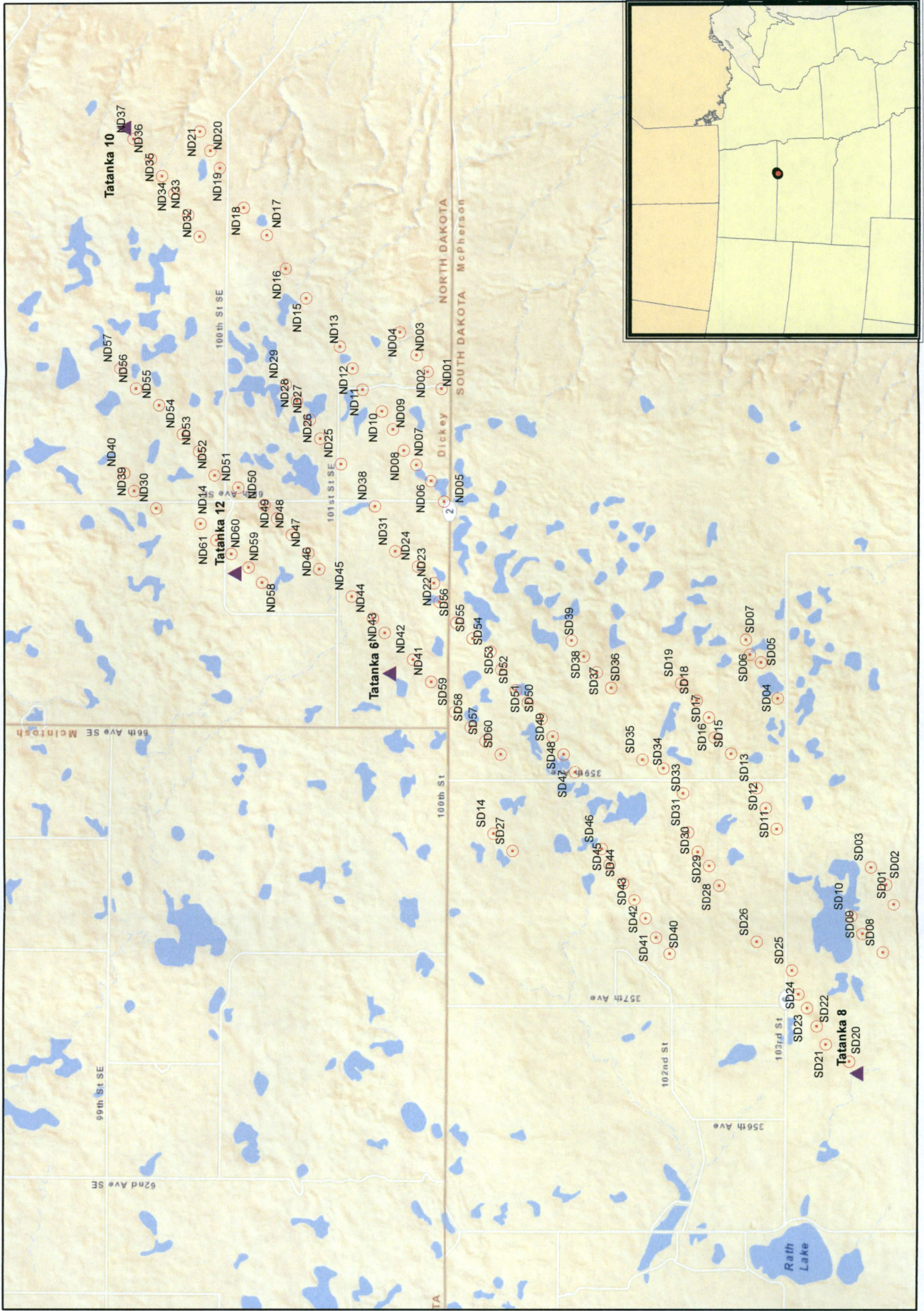
As MISO begins to operate at or near the Planning Reserve Margin, it is projected that MISO will have greater dependency on Load Modifying Resources and Behind the Meter Generation.

With respect to demand growth, MISO anticipates that in 2017, the MISO region's coincident demand is projected to be 127,607 MW, down from 128,885 MW projected in the 2015 Plan. MISO anticipates a system-wide average demand growth rate of 0.60% for the period from 2016 through 2026. The projected growth rate for 2015 through 2025 was 0.80%. In 2017, MISO projects a total of 147,900 MW of Anticipated Capacity Resources to be available on-peak. MISO's current nameplate capacity of 173,289 MW steps down to 141,000 MW by accounting for summer on-peak generator performance, transmission limitations and energy-only capacity. Through the Generator Interconnection Queue process, MISO anticipates 2,665 MW of future firm capacity additions and uprates to be in-service and expected on-peak during the assessment period.

MISO projects 4,213 MW of firm capacity available from outside of MISO during the 2016-26 period. During 2017, MISO projects 4,745 MW of firm capacity exports into PJM, decreasing to 3,900 MW in 2019 and remaining constant through 2026.

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

