

June 29, 2018

VIA E-MAIL AND FEDERAL EXPRESS

Mr. Darrell Nitschke
Executive Secretary
North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480



**RE: Rolette Power Development, LLC's Ten Year Plan for 2018-2028
Case No. PU-18-_____**

Dear Mr. Nitschke:

Enclosed for filing are originals of the following documents:

1. Rolette Power Development, LLC's Ten Year Plan: 2018-2028;
2. Notice of Filing Ten Year Plan: 2018-2028; and
3. Certificate of Service.

Electronic copies of the enclosed documents were filed with the Commission today via e-mail. If you have any questions, please let me know.

Sincerely,

A handwritten signature in blue ink that reads "Mollie M. Smith".

MOLLIE M. SMITH

MMS/bd
Enclosures

cc: Valerie McCloud, Rolette County Auditor (w/encls.)

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Attorneys & Advisors
main 612.492.7000
fax 612.492.7077
fredlaw.com

Fredrikson & Byron, P.A.
200 South Sixth Street, Suite 4000
Minneapolis, Minnesota
55402-1425

1 PU-18-253 Filed 06/29/2018 Pages: 10
2018 Ten Year Plan
Rolette Power Development, LLC
Mollie Smith

TEN YEAR PLAN: 2018-2028
Rolette Power Development, LLC

June 2018

In accordance with N.D.C.C. § 49-22-04 and N.D.A.C. Ch. 69-06-02, Rolette Power Development, LLC ("Rolette Power"), submits the following Ten Year Plan for years 2018 through 2028.

- (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.

Rolette Power is a North Dakota limited liability company, and is owned jointly by M-Power, LLC, and Border Power, LLC, also North Dakota limited liability companies. Rolette Power is developing an up to 100.4 megawatt ("MW") energy conversion facility known as the Rolette Wind Energy Project ("Project") located south and west of the City of Rolette in Rolette County, North Dakota. On June 2, 2015, Rolette County issued a Conditional Use Permit ("CUP") for the Project. On November 18, 2015, the North Dakota Public Service Commission ("Commission") issued Findings of Fact, Conclusions of Law and Order ("Order") granting Certificate of Site Compatibility No. 46 to Rolette Power for the Project (*see* Case No. PU-15-124). Rolette Power plans to begin construction of the Project before the end of 2019, with an anticipated in-service date before the end of 2020.

A specific point of interconnection to the grid has not yet been identified. However, the Project anticipates that it will interconnect to the grid via one of three potential points of interconnection: (1) the Rugby-Glenboro 230 kilovolt ("kV") transmission line owned by Otter Tail Power Company ("OTP"); (2) the Rolette-Rugby 115 kV transmission line owned by OTP; or (3) the Rolette 115 kV Substation owned by Western Area Power Administration ("WAPA"). A 230 kV or a 115 kV generation-interconnection transmission line between two and six miles in length will need to be constructed to interconnect the Project to the grid, depending on which point of interconnection is selected. The specific location of and design details regarding such a transmission facility will be determined at a future date.

Other than the Project and potentially an associated generation-interconnection transmission line, Rolette Power does not own or operate, or have plans to construct, own, or operate, any generation or transmission facilities. The Project and any associated transmission line have an estimated life of greater than 10 years. As such, Rolette Power does not plan to decommission any transmission or generation facilities within the next ten years.

- (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 within 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.

As noted above, Rolette Power is developing the Project, and plans to have the Project constructed and in-service before the end of 2020. The Project footprint is located south and west of the City of Rolette, North Dakota, in Rolette County. The specific location of any generation-interconnection transmission line has not yet been determined, but the route would be located within the site approved for the Project.

As set forth in the Order, the location of the Project complies with the Commission's siting criteria, including the exclusion and avoidance area criteria referenced in N.D.C.C. § 49-22-05.1 and identified in N.D.A.C. Ch. 69-06-08. Maps of the Project's designated site, and additional detail regarding the Project site, are provided in Case No. PU-15-124.

- (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.

Rolette Power commissioned studies to determine which regional utilities may have a need for the wind energy capacity produced by the Project, and to identify various options for transmitting the Project's output from the Project site to the identified utilities' respective loads. The studies have assisted Rolette Power in identifying potential off-takers, as well as in its efforts to coordinate selection of the best option(s) for delivering the Project's output to the destination(s) designated by the ultimate off-taker(s).

Rolette Power has also initiated discussions with other parties who may potentially benefit from the Project, depending upon the ultimate transmission interconnection selection. As discussed above, in any of the scenarios currently under consideration, only a relatively short transmission line would be required between the Project collection substation and the point of interconnection to the transmission grid. All would be located within site designated for the Project. When plans are finalized, Rolette Power will apply to the applicable transmission system operator for further study of the intended interconnection.

- (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.

Rolette Power employed a qualified environmental consulting firm to study and identify avoidance and exclusion areas within the Project site, in accordance with N.D.C.C. Ch. 49-22 of and N.D.A.C. Ch. 69-06-08. As noted above, Rolette County issued a CUP for the Project on June 2, 2015, and the Commission issued Certificate of Site Compatibility No. 46 for the Project on November 18, 2015 (*see* Case No. PU-15-124). Throughout Project development, Rolette Power has consulted with applicable local, state, and federal agencies and entities, and will continue to do so, as appropriate.

Additional information regarding Rolette Power's agency and entity contacts, and efforts to identify and minimize any potential environmental issues, is provided in Case No. PU-15-124.

- (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 projection, 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.

Rolette Power plans to sell the energy produced by its proposed Project to one or more utilities that need additional renewable energy in order to comply with state and/or, if applicable, federal renewable energy standards and objectives.

In 2007, the North Dakota Legislature enacted a statutory provision adopting the national "25x25" initiative, which establishes a goal of having not less than twenty-five percent of the total energy consumed within the United States come from renewable resources by January 1, 2025.¹ Additional renewable resources will be needed to meet the 25x25 initiative.

A need also exists for renewable energy produced in North Dakota to meet state renewable portfolio standards. Eleven of the Midcontinent Independent System Operator ("MISO") states currently have either mandated or voluntary renewable portfolio standards or policies.² Under current state standards, total United States renewable portfolio standard demand will increase from 235 terawatt hours ("TWh") in 2016 to 450 TWh in 2030.³ Given existing renewable energy capacity, an additional 150 TWh increase in renewable resources will be required to meet demand through 2030.⁴ In addition, the regional transmission grid is being expanded to deliver wind generation in a cost-effective manner; specifically, MISO's Multi-Value Project ("MVP") Portfolio enables 41 million megawatt hours ("MWh") of wind energy per year to meet renewable energy mandates and goals.⁵

Given Rolette Power's proximity to the MISO market, energy from Rolette Power's proposed Project may be utilized to meet the existing renewable energy needs of one or more utilities in the MISO region, as well as other utilities located in adjacent Regional Transmission Organizations ("RTO")/Independent System Operators ("ISO"), such as Southwest Power Pool ("SPP"), WAPA, Pennsylvania, Jersey Maryland Power Pool ("PJM"), or Tennessee Valley Authority ("TVA").

Thus, the renewable energy produced by Rolette Power's proposed Project will help meet a significant need for renewable energy.

¹ See N.D.C.C. § 17-01-01.

² *MTEP17 MISO Transmission Expansion Plan*, at 76.

³ Lawrence Berkeley National Laboratory, *U.S. Renewable Portfolio Standards 2017 Annual Status Report* (July 2017), at 21.

⁴ *Id.* at 22.

⁵ *MTEP17 MISO Transmission Expansion Plan*, at 193.

STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Case No. PU-18-___

**IN THE MATTER OF THE FILING OF A TEN
YEAR PLAN BY ROLETTE POWER
DEVELOPMENT, LLC**

CERTIFICATE OF SERVICE

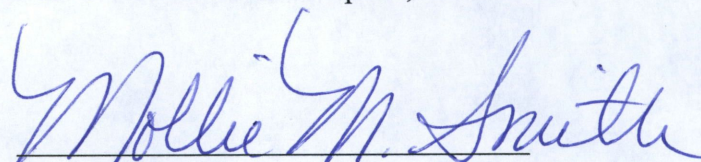
Mollie M. Smith, being first duly sworn, does depose and state that on June 29, 2018, she served the following document:

Ten Year Plan: 2018-2028

by placing a true and correct copy of said document in an envelope addressed as follows:

Ms. Valerie McCloud
Rolette County Auditor
102 2nd Street NE, P.O. Box 939
Rolla, ND 58367

and depositing the same, with postage prepaid, in the United States mail at Minneapolis, Minnesota.


Mollie M. Smith

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STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Case No. PU-18-____

IN THE MATTER OF THE FILING OF A TEN
YEAR PLAN BY ROLETTE POWER
DEVELOPMENT, LLC

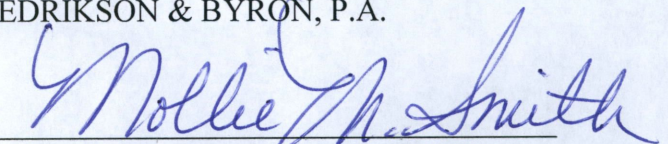
**NOTICE OF FILING TEN YEAR PLAN
2018-2028**

PLEASE TAKE NOTICE that Rolette Power Development, LLC, in accordance with N.D.C.C. § 49-22-04 and N.D.A.C. Ch. 69-06-02, filed a Ten Year Plan for the years 2018 through 2028 with the North Dakota Public Service Commission on June 29, 2018, and the Rolette County Auditor on June 29, 2018.

Dated this 29th day of June, 2018.

FREDRIKSON & BYRON, P.A.

By



MOLLIE M. SMITH, ND Bar #06714
*Attorney for Rolette Power Development,
LLC*

200 South Sixth Street, Suite 4000
Minneapolis, MN 55402-1425
(612) 492-7270

CERTIFICATE OF SERVICE

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

NOTICE OF FILING TEN-YEAR PLAN: 2018-2028

was served on the 29th day of June, 2018 by placing the same in the United States mail, postage prepaid, properly addressed to the following:

North Dakota Aeronautics Commission
P.O. Box 5020
Bismarck, ND 58502-5020

North Dakota Office of Attorney General
600 E. Boulevard Ave.
Dept. 125
Bismarck, ND 58505

North Dakota Department of Agriculture
600 E. Boulevard Ave.
Dept. 602
Bismarck, ND 58505-0020

North Dakota Department of Health
600 E. Boulevard Ave.
Bismarck, ND 58505-0200

North Dakota Department of Human Services
600 E. Boulevard Ave.
Dept. 325
Bismarck, ND 58505-0250

North Dakota Department of Labor and Human Rights
600 E. Boulevard Ave.
Dept. 406
Bismarck, ND 58505-0340

North Dakota Department of Career and Technical Education
State Capitol, 15th Floor
600 E. Boulevard Ave., Dept. 270
Bismarck, ND 58505-0610

North Dakota Department of Commerce
1600 E. Century Ave., Suite 2
P.O. Box 2057
Bismarck, ND 58503

Energy Infrastructure and Impact Office
North Dakota Department of Trust Lands
1707 North 9th Street
P.O. Box 5523
Bismarck, ND 58506-5523

North Dakota Game and Fish Department
100 N. Bismarck Expressway
Bismarck, ND 58501-5095

North Dakota Industrial Commission
State Capitol, 14th Floor
600 East Boulevard Ave., Dept. 405
Bismarck, ND 58505-0840

Office of Governor Doug Burgum
State of North Dakota
600 E. Boulevard Ave.
Bismarck, ND 58505-0001

North Dakota Department of Transportation
608 E. Boulevard Ave.
Bismarck, ND 58505-0700

State Historical Society of North Dakota
612 E. Boulevard Ave.
Bismarck, ND 58505-0830

North Dakota Indian Affairs Commission
State Capitol Building
600 E. Boulevard Ave.
1st Floor - Judicial Wing, Rm. #117
Bismarck, ND 58505-0300

Job Service North Dakota
P.O. Box 5507
Bismarck, ND 58506-5507

North Dakota Department of Trust Lands
1707 North 9th Street
P.O. Box 5523
Bismarck, ND 58506-5523

North Dakota Parks and Recreation Department
Century Center
1600 E. Century Ave., Suite 3
PO Box 5594
Bismarck, ND 58506-5594

North Dakota State Soil Conservation Committee
c/o NDSU Extension Service
2718 Gateway Ave., Suite 304
Bismarck, ND 58503

North Dakota State Water Commission
900 E. Boulevard Ave., Dept. 770
Bismarck, ND 58505-0850

United States Department of Defense
1400 Defense Pentagon
Washington, DC 20301-1400

United States Fish and Wildlife Service
North Dakota Field Office
3425 Miriam Avenue
Bismarck, ND 58501-7926

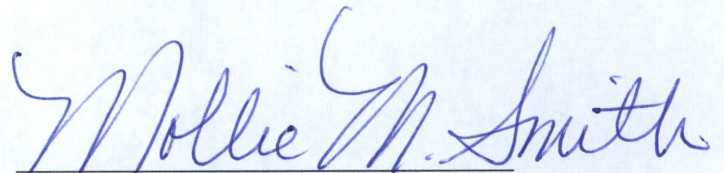
United States Army Corps of Engineers
North Dakota Regulatory Office
1513 South 12th Street
Bismarck, ND 58504

Federal Aviation Administration
United States Department of Transportation
800 Independence Ave. SW
Washington, DC 20591

North Dakota Transmission Authority
c/o North Dakota Industrial Commission
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

North Dakota Pipeline Authority
c/o North Dakota Industrial Commission
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Rolette County Commission
102 2nd Street NE
PO Box 939
Rolla, ND 58367


MOLLIE M. SMITH

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