



**MONTANA-DAKOTA**  
UTILITIES CO.

A Subsidiary of MDU Resources Group, Inc.

400 North Fourth Street  
Bismarck, ND 58501  
701-222-7900

March 20, 2020

Executive Secretary  
North Dakota Public Service Commission  
600 East Boulevard Ave., Dept. 408  
Bismarck, ND 58505-0408

RE: Thunder Spirit Wind, Adams County, North Dakota  
Certificate of Operation  
Reporting Period: January 1, 2019 to December 31, 2019  
Case No. PU-11-601

In compliance with North Dakota Administrative Code Section 69-09-09-03, Montana-Dakota Utilities Co. (Montana-Dakota), owner of Thunder Spirit Wind, hereby submits its Certificate of Operation for the twelve-month period ending December 31, 2019.

The Siting Certificate was issued for Thunder Spirit Wind facility in Case No. PU-11-601 and subsequently transferred to Montana-Dakota in Case No. PU-15-592. In Case No. PU-17-192, the Commission issued First Reissued Second Amended Certificate of Site Compatibility No. 35 authorizing Montana-Dakota to construct the 48 MW expansion of the Thunder Spirit facility. The Thunder Spirit facility expansion was placed into service on October 31, 2018.

Montana-Dakota's Certification of Operations is as follows:

- A. Nameplate generating capacity: 155.5 MW
- B. Annual capacity factor: 40.2%
- C. Annual megawatt hour output: 548,180
- D. 2019 Monthly megawatt hour output:

January	48,664	July	28,670
February	35,246	August	34,575
March	49,395	September	45,566
April	51,126	October	69,285
May	44,521	November	53,675
June	33,577	December	53,880

Please contact me at 701.222.7855 or [travis.jacobson@mdu.com](mailto:travis.jacobson@mdu.com) if you have any question.

Sincerely,

*/s/ Travis R. Jacobson*

Travis R. Jacobson  
Director of Regulatory Affairs

Cc: Joseph Geiger  
Brian Ulberg  
Karl Liepitz