



MONTANA-DAKOTA UTILITIES CO.

A Subsidiary of MDU Resources Group, Inc.

400 North Fourth Street
Bismarck, ND 58501
701-222-7900
www.montana-dakota.com

March 20, 2024

Executive Secretary
North Dakota Public Service Commission
600 East Boulevard Ave., Dept. 408
Bismarck, ND 58505-0480

**RE: Thunder Spirit Wind, Adams County, North Dakota Certificate of Operation
Reporting Period: January 1, 2023 to December 31, 2023
Case No. PU-18-105 & PU-19-359**

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, 2023. All 59 turbines generated energy during 2023.

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: 35.9%
- C. Annual MWh output: 488,369
- D. 2023 Monthly MWh output:

January	42,792	July	29,276
February	56,747	August	33,368
March	36,326	September	30,772
April	50,965	October	47,981
May	32,940	November	48,783
June	24,634	December	53,785

Please contact me at 701.222.7855 or travis.jacobson@mdu.com with any questions regarding this filing.

Sincerely,

/s/ Travis R. Jacobson

Travis R. Jacobson
Director of Regulatory Affairs

Cc: Joseph Geiger
Brian Ulberg
Allison Waldon