



AN ALLETE COMPANY

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March 26, 2025

VIA EMAIL

North Dakota Public Service Commission
c/o Steven Kahl, Executive Secretary
600 E. Boulevard Ave., Dept. 408
Bismarck, ND 58505

Re: Minnesota Power’s Certificate of Operations for 2024

Case Numbers:

- PU-11-560 Bison 1A & 1B Wind Projects**
- PU-12-241 Bison 2 Wind Project**
- PU-18-232 Bison 3 Wind Project**
- PU-18-233 Bison 4 Wind Project**

Dear Mr. Kahl:

Minnesota Power (or the “Company”) provides the North Dakota Public Service Commission (“Commission”) the required certificate of operation for its Bison 1, 2, 3 and 4 wind facilities pursuant to North Dakota Administrative Rule (“N.D.A.C.”) 69-09-09-03. Per N.D.A.C. 69-09-09-03, “After construction of a facility is complete, the owner shall annually file a certificate of operation with the commission for that facility by April first of each year.” Minnesota Power, as the owner of the Bison 1, 2, 3 & 4 wind facilities, must submit an affidavit certifying the facilities’: a. Nameplate generating capacity; b. Annual capacity factor; c. Annual megawatt hour output; and d. Monthly megawatt hour output.

Effective October 1, 2023, Bison 4 wind facility’s nameplate capacity was formally reduced from 204.8 to 201.6 MW. One of the sixty-four 3.2 MW turbines was physically removed in compliance with Commission’s decision. The Company has determined to not relocate the turbine to another location.

The following table contains the specified data for the Bison 1, 2, 3 and 4 wind facilities.

	Bison 1A	Bison 1B	Bison 1 Combined	Bison 2	Bison 3	Bison 4
Nameplate Generating Capacity	36.8 MW	45.0 MW	81.8 MW	105.0 MW	105.0 MW	201.6 MW
Annual Capacity Factor	26.5%	20.3%	23.1%	23.7%	24.2%	35.3%
Annual MWh Output	85,770	80,114	165,884	218,654	223,306	624,236



Together we choose to work safely for our families, each other, and the public. We commit to be injury-free through continuous learning and improvement.

Annual Monthly MWh Output						
	Bison 1A	Bison 1B	Bison 1 Combined	Bison 2	Bison 3	Bison 4
January	5,031	4,477	9,508	10,643	10,869	23,621
February	6,332	6,567	12,898	16,640	17,210	45,333
March	7,266	7,444	14,711	19,274	20,464	48,632
April	10,283	9,504	19,786	25,326	25,523	75,758
May	8,460	7,709	16,169	22,997	21,490	56,180
June	7,204	6,441	13,645	18,559	19,239	55,564
July	4,085	4,286	8,371	14,448	12,719	33,709
August	7,699	7,299	14,999	18,268	18,968	57,232
September	7,973	7,071	15,045	18,838	20,558	62,091
October	6,493	6,050	12,543	15,727	16,520	55,481
November	5,570	5,254	10,824	13,849	14,663	54,336
December	9,374	8,011	17,385	24,085	25,101	56,297

Please contact me at (218) 355-3601 or lhoyum@mnpower.com with any questions related to this matter.

Yours truly,



Lori Hoyum
Rates Compliance Administrator

LH:th