

July 1, 2026

VIA EMAIL and U.S. MAIL

North Dakota Public Service Commission
c/o Brian Johnson, Executive Secretary
600 E. Boulevard Ave., Dept. 408
Bismarck, ND 58505
ndpsc@nd.gov

RE: Minnesota Power's Ten-Year Plan – July 2026

Dear Executive Secretary Johnson,

Enclosed is Minnesota Power's North Dakota Ten-Year Plan pursuant to N.D.C.C. § 49-22-04. The original and a copy of the Plan will be sent to the address above with copies filed with the Cass, Mercer, Morton, and Oliver County auditors.

Further, pursuant to N.D. Admin. Code 69-06-01-05, the enclosed Notice will be sent to the state agencies and officers as designated on the attached Notice Service List.

Please contact me at (218) 355-3030 or mkirby@mnpower.com with any questions related to this matter.

Respectfully,



Mason Kirby
Regulatory Compliance Specialist

MK:th
Attach.

TEN-YEAR PLAN

Minnesota Power
An operating division of ALLETE, Inc.
Duluth, Minnesota

Prepared for the North Dakota Public Service Commission
Pursuant to Section 49-22-04 of the
North Dakota Century Code

July 2026

Minnesota Power's Ten-Year Plan

Subsection A: *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*

1. Minnesota Power (the “**Company**”), an operating division of ALLETE, Inc., provides retail electric service to northeastern Minnesota and wholesale service to 15 municipal customers in Minnesota and one private utility in Wisconsin. The Company has historically maintained an energy resource portfolio of coal, wind, hydro, and biomass. The Company’s 2025-2039 Integrated Resource Plan (“**2025 Plan**”) is available in Minnesota Public Utilities Commission (“**MPUC**”) Docket No. E015/ RP-25-127 (on the MPUC’s eDockets website: <https://www.edockets.state.mn.us/documents> or Minnesota Power’s website at: <https://www.mnpower.com/IRP2025>) and was filed on March 3, 2025. The 2025 Plan provides further information regarding this Subsection A as well as the submissions set forth below, and is also available upon request.

2. Energy Conversion Facilities

In North Dakota, the Company currently owns and operates the following wind generating assets and associated transmission lines in Morton and Oliver counties:

- Bison 1— approximately 82 MW (PU-09-151) and 230kV alternating current (AC) transmission line (PU-09-587)
- Bison 2— approximately 105 MW (PU-11-57)
- Bison 3— approximately 105 MW (PU-11-162)
- Bison 4— approximately 205 MW (PU-13-127) and 230kV AC transmission line (PU-11-620)

In North Dakota, the Company currently purchases power from the following wind generating assets in Oliver county:

- Oliver County Wind Energy Center I— approximately 50.6 MW (PU-10-101)
- Oliver County Wind Energy Center II— approximately 48 MW (PU-10-110)

3. Transmission

On December 31, 2009, the Company acquired the Square Butte +/- 250kV HVDC Line that runs 465 miles between the Square Butte Substation in Center, North Dakota and Minnesota Power’s Arrowhead Substation near Duluth, Minnesota. In 2013 Minnesota Power upgraded the capacity of the HVDC Line to 550 MW to assure deliverability of the Bison Wind Projects. The HVDC Line has now been operating for over 47 years, more than 17 years beyond its 30-year design life. In 2024, the MPUC approved Minnesota Power’s certificate of need application for the HVDC modernization project (Docket No. E-015/CN-22-607). The Commission approved the HVDC modernization on June 5, 2025 (PU-24-381). The upgraded converter stations will make it possible to increase the capacity of the HVDC Line from 550 MW to up to 1,500 MW if needed in the future.

The Company is a project participant in Grid North Partners, formerly CapX2020, which includes the Twin Cities – Fargo 345 kV transmission line that begins near Fargo, North Dakota and terminates at Monticello, Minnesota.

The Company does not currently anticipate removing any facilities from service in North Dakota within the next ten-year period.

Subsection B: *An identification of the location of the tentative preferred site for all electric energy*

conversion facilities and the tentative location of all electric 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.

1. LONGSPUR: Subject to Commission approval, the Company intends to construct the Longspur Wind Project, an approximately 200 MW wind facility in Morton County, North Dakota, with an associated 230 kV transmission line in Morton and Mercer Counties, near the Company's existing Bison operations. The Longspur facility has a planned in-service of late 2027, with additional information available in Commission Dockets PU-25-304 and PU-25-305, for the wind farm and transmission line, respectively.
2. HVDC: Minnesota Power's HVDC Modernization Project is planned for implementation between 2025 and 2030. As noted above, the Commission approved the HVDC modernization on June 5, 2025 (PU-24-381). It will also provide an opportunity to upgrade the system with additional capabilities, including an increase transfer capability from the current 550 MW to up to 1,500 MW if needed in the future, and a more flexible operational profile with bi-directional flows.
3. Otter Tail Power Company, Great River Energy, and the Company have informed the Commission of the potential Maple River - Cuyuna 345kV Transmission Line (PU-25-082), a potential new 345 kV transmission line between the existing Maple River Substation near Fargo, North Dakota, owned by Otter Tail Power Company and the Cuyuna Substation, near Cuyuna, Minnesota.
4. Northern States Power Company, Great River Energy, Minnesota Power, Otter Tail Power Company, and Missouri River Energy Services on behalf of Western Minnesota Municipal Power Agency propose to construct a new 345 kV transmission circuit on mostly existing double-circuit capable transmission line structures from the existing Bison Substation near Fargo, North Dakota to the existing Alexandria Substation in Alexandria, Minnesota. The existing double-circuit capable structures were previously permitted as part of the Fargo – St. Cloud 345 kV Transmission Project.
5. The Company continues to explore the construction of additional facilities in the vicinity of the existing Bison projects and HVDC infrastructure, including an approximately 200MW wind facility in Morton and Oliver Counties. The Company will make an application to the NDPSO upon the determination of any such project's viability.

Subsection C: *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.*

1. The Company's 2025 Plan contains extensive transmission and regional coordination information and is available upon request.
2. Further information is available in the Minnesota Transmission Owners' Biennial Transmission Plan filed in MPUC Docket No. E999/M-25-99 and available at: <https://minnelectrans.com>.
3. Minnesota Power is a Transmission Owner in the Midcontinent Independent System Operator (MISO) Regional Transmission Organization, and is an active participant in the annual MISO Transmission Expansion Plan (MTEP) and other planning activities such as the Long Range Transmission Project (LRTP) initiative.

Subsection D: *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.*

1. The Company's 2025 Plan contains extensive environmental information and is available

upon request.

Subsection E: *A statement of the projected demand/or 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.*

1. The Company's 2025 Plan contains extensive demand and energy forecasting information and is available upon request. The Company also files annually with the MPUC an Annual Forecast Report in accordance with MPUC rules and that can be made available upon request.

Subsection F: *Any other relevant information as may be requested by the commission.*

1. Not applicable.

PLAN Service List

Public Service Commission

600 East Boulevard Avenue
Dept. 408
Bismarck, ND 58505

Oliver County Auditor

P. O. Box 188
Center, ND 58530

Morton County Auditor

210 Second Avenue NW
Mandan, ND 58554

Mercer County Auditor

P. O. Box 39
Stanton, ND 58571

Cass County Auditor

P. O. Box 2806
Fargo, ND 58108



AN ALLETE COMPANY

July 1, 2026

NOTICE OF TEN-YEAR PLAN FILING

Please take notice that on July 1, 2026, Minnesota Power, an operating division under ALLETE, Inc., 30 W Superior St. Duluth, Minnesota filed a Ten-Year Plan with the North Dakota Public Service Commission pursuant to North Dakota Century Code § 49-22-04. Notice of the filing of this plan is pursuant to North Dakota Administrative Code § 69-06-02-02 to the following state agencies and officers as designated in North Dakota Administrative Code § 69-06-01-05:

1. Aeronautics Commission
2. Attorney General
3. Department of Agriculture
4. State Department of Health
5. Department of Human Services
6. Department of Labor and Human Rights
7. Department of Career and Technical Education
8. Department of Commerce
9. Energy Infrastructure and Impact Office
10. Game and Fish Department
11. Industrial Commission
12. Governor's Office
13. Department of Transportation
14. State Historical Society of North Dakota
15. Indian Affairs Commission
16. Job Service North Dakota
17. Department of Trust Lands
18. Parks and Recreation Department
19. Natural Resources Conservation Service
20. State Water Commission
21. United States Department of Defense
22. United States Fish and Wildlife Service
23. United States Army Corps of Engineers
24. Federal Aviation Administration
25. The county commission of the county or counties where the project is located
26. North Dakota Transmission Authority
27. North Dakota Pipeline Authority
28. Department of Environmental Quality
29. North Dakota Geological Survey
30. North Dakota Forest Service
31. Federal Bureau of Land Management
32. Military Aviation and Installation Assurance Siting Clearinghouse
33. Twentieth Air Force Ninety-First Missile Wing
34. Minot Air Force Base
35. Grand Forks Air Force Base

NOTICE Service List

Aeronautics Commission

P O Box 5020
Bismarck, ND 58502

Office of Attorney General

600 East Boulevard Avenue Dept.
125
Bismarck, ND 58505

Department of Agriculture

600 East Boulevard Avenue Dept.
602
Bismarck, ND 58505

Department of Health and Human Services

600 East Boulevard Avenue
Dept. 325
Bismarck, ND 58505

Department of Labor and Human Rights

600 East Boulevard Avenue, Dept.
406
Bismarck, ND 58505-0340

Dept. of Career & Tech. Edu.

Hughes Educational Center
806 N Washington St.
Bismarck, ND 58501

Dept. of Commerce

1600 E. Century Ave. Suite 6
P O Box 2057
Bismarck, ND 58502

Energy Infrastructure & Impact Office

1707 North 9th Street
Bismarck, ND 58501

Transmission Authority

c/o Industrial Commission
State Capitol – 14th Floor
600 East Boulevard Avenue
Dept. 405
Bismarck, ND 58505

Game and Fish Department

100 North Bismarck Expressway
Bismarck, ND 58501

Industrial Commission

State Capitol – 14th Floor
600 East Boulevard Avenue
Dept. 405
Bismarck, ND 58505

Office of the Governor

600 East Boulevard Avenue
Dept. 101
Bismarck, ND 58505

Department of Transportation

608 East Boulevard Avenue
Bismarck, ND 58505

State Historical Society of North Dakota

612 East Boulevard Avenue
Bismarck, ND 58505

Indian Affairs Commission

600 East Boulevard Avenue
RM 117
Bismarck, ND 58505

Job Service North Dakota

P.O. Box 5507
Bismarck, ND 58506

Department of Trust Lands

1707 North 9th Street
Bismarck, ND 58501

Parks and Recreation Dept.

Liberty Memorial Building
604 East Boulevard Avenue
Dept. 750
Bismarck, ND 58505

Natural Resources Conservation Service

USDA-NRCS
P.O. Box 1458
Bismarck, ND 58502

Department of Water Resources

1200 Memorial Highway
Bismarck, ND 58504

U.S. Department of Defense

1400 Defense Pentagon
Washington, DC 20301

U.S. Fish and Wildlife Services

North Dakota Ecological Services
Field Office
3425 Miriam Avenue
Bismarck, ND 58501

U.S. Army Corps of Engineers

North Dakota Regulatory Office
3319 University Drive
Bismarck, ND 58504

Federal Aviation Administration

U.S. Department of Transportation
800 Independence Avenue Southwest
Washington, DC 20591

Federal Aviation Administration

O'Hare Lake Office Center
2300 East Devon Avenue
Des Plaines, IL 60018

Pipeline Authority

c/o Industrial Commission
State Capitol – 14th Floor
600 East Boulevard Avenue
Dept. 405
Bismarck, ND 58505

NOTICE Service List

Department of Environmental Quality

4201 Normandy Street
Bismarck, ND 58503

Geological Survey

600 East Boulevard Ave
Dept. 474
Bismarck, ND 58505

Forest Service

State Headquarters – Molberg
Center
307 1st Street East
Bottineau, ND 58318

Forest Service

916 East Interstate Avenue
Suite #4
Bismarck, ND 58503

Federal Bureau of Land Management

1849 C St. NW
Washington, DC 20240

Federal Bureau of Land Management

North Dakota Field Office
99 23rd Avenue West
Suite A
Dickinson, ND 58601

Military Aviation and Installation Assurance Siting Clearinghouse

3400 Defense Pentagon, Room
5C646
Washington, DC 20301

20th Airforce

91st Missile Wing

196 Missile Avenue
Minot AFB, ND 58705

Minot Air Force Base

196 Missile Avenue
Minot AFB, ND 58705

Grand Forks Air Force Base

757 Tuskegee Amn Blvd
Bldg. 418
Grand Forks AFB, ND 58205

Public Service Commission

600 East Boulevard Avenue
Dept. 408
Bismarck, ND 58505