

November 18, 2024

Via Electronic Mail & Hand Delivery

Mr. Steve Kahl
North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, North Dakota 58505-0480
ndpsc@nd.gov

**In re: Northern Divide Energy Storage, LLC
2024 Ten Year Plan**

Dear Mr. Kahl:

On behalf of Northern Divide Energy Storage, LLC, enclosed for filing is a copy of the entity's 2024 Ten Year Plan. The Burke County Auditor has been served with a copy of the Ten Year Plan and notice of the filing has been given to each agency and officer designated in North Dakota Administrative Code § 69-06-01-05. A copy of the corresponding Certificate of Service is also enclosed for filing.

Please feel free to contact me with any questions.

Sincerely,

CROWLEY FLECK PLLP



Casey A. Furey

CAF/lh
Enc.

cc: Tracy Davis (via email w/enc.)
Clint Scherb (via email w/enc.)

Northern Divide Energy Storage, LLC
700 Universe Blvd.
Juno Beach, FL 33408-2683

November 7, 2024

North Dakota State Public Service Commission
600 E Boulevard, Dept. 408
Bismarck, ND 58505-0480

Subject: Northern Divide Energy Storage, LLC Ten Year Plan as required by NDCC 49-22-04

In accordance with North Dakota Century Code (N.D.C.C.) § 49-22-04 and North Dakota Administrative Code (N.D.A.C.) Ch. 69-06-02, Northern Divide Energy Storage, LLC (Northern Divide Energy Storage) hereby submits its initial Ten Year Plan for years 2024-2034.

Contact: Clint Scherb
Phone: (561) 676-3680
Email: clint.scherb@nexteraenergy.com

(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 its ten-year period.

Northern Divide Energy Storage is proposing to develop and construct an up to 100 MW, four-hour-duration battery energy storage system (BESS) known as the Northern Divide Energy Storage (the Project). The Project will be located in Burke County, North Dakota and will consist of the BESS facility and associated inverters, transformers, underground cables, and other ancillary facilities, such as fencing, roads, and a supervisory control and data acquisition (SCADA) system. The Project will connect to the existing Northern Divide Wind 345-kV collection substation, which connects through a 41-mile, 345-kV generation tie-line into the Tande Substation owned by Basin Electric Power Cooperative, Inc. ("Basin Electric").

The Project is expected to begin construction in the second quarter of 2025 and be placed in service in the second quarter of 2026. The Project will have an estimated life of greater than 10 years. Northern Divide Energy Storage has entered into a 24.5-year energy storage agreement (ESA) with a customer that will purchase 100 MW 4-hour duration (400 MWh) of surplus energy storage. Accordingly, Northern Divide Energy Storage does not have any plans to decommission any of its facilities within the timeframe of this plan.

(2) An identification of the location of the tentative preferred side 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. The side and corridor

identification shall be made in compliance with the criteria published by the commission pursuant to section 49-22-05.1.

The Project will be located in Burke County, ND. A map of the proposed site for the Project is provided in **Exhibit A**, attached hereto. The Project will be designed to comply with the exclusion and avoidance areas referenced in N.D.C.C. § 49-22-05.1 and identified in N.D.A.C. Ch. 69-06-08.

(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.

Throughout the development of the Project, Northern Divide Energy Storage has and will continue to engage and coordinate with the Southwest Power Pool (SPP), the interconnecting transmission owner, Basin Electric, and the local electrical cooperatives regarding the Project. The interconnection studies performed by SPP and Basin Electric confirm that the interconnection of the Project to the SPP grid would not result in transmission congestion or significant network upgrades and that the Northern Divide Wind collection substation is the best point of interconnection for the Project. In addition, as discussed above, Oliver Wind IV has entered into a 24.5-year ESA with a customer that will purchase 100 MW of the Project's electrical output. Finally, because the Project stores energy from the grid, which allows utilities to better utilize their existing generation and transmission infrastructure where generation and load may not occur at the same time. The Project will charge from the electric grid when generation is plentiful and later discharge electric energy when needed to serve load, and accordingly will help provide more efficient, stable, and reliable operation of the local power grid and delivery of electricity to end-users. Therefore, the Project supports the North Dakota Legislature's 2021 low-emission technology initiative,¹ as well as the goal announced by ND Governor Doug Burgum on May 12, 2021 for the State to be carbon neutral by 2030.

(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.

Northern Divide Energy Storage has utilized internal environmental personnel, as well as external environmental consultants, to conduct studies and analyses of the Project to minimize impacts to the environment, consistent with the requirements set forth in N.D.C.C. Ch. 49-22. Additionally, Northern Divide Energy Storage has and will continue to consult with applicable state and federal agencies to avoid, minimize, and/or mitigate any impacts to the environment from the construction and operation of the Project. Northern Divide Energy Storage has and will continue to work with Burke County to ensure conformance with local land use regulations.

(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.

¹ See N.D.C.C. § 17-01-01.

As discussed above, Northern Divide Energy Storage has entered into an ESA with a customer that will purchase the Project's output.

Additionally, in 2021, the North Dakota Legislature enacted a statutory provision adopting a low-emission technology initiative, which establishes a goal that the "agricultural, forestry, natural resources, and working land of the United States should provide energy from low-emission technology and continue to produce safe, abundant, and affordable food, fuel, feed, and fiber."² Because the Project will store energy from the grid and utilize it when needed, it will help meet the low-emission technology initiative.

If you have any questions or require further information, please do not hesitate to contact:

Clint Scherb
Lead Project Manager, Development
NextEra Energy Resources, LLC
Phone: (561) 676-3680
Email: clint.scherb@nexteraenergy.com

Officer Signature

DocuSigned by:

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November 8, 2024

Anthony Pedroni
Vice President
Northern Divide Energy Storage, LLC
700 Universe Blvd
Juno Beach, FL 33408

² See N.D.C.C. § 17-01-01.

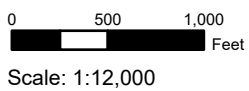
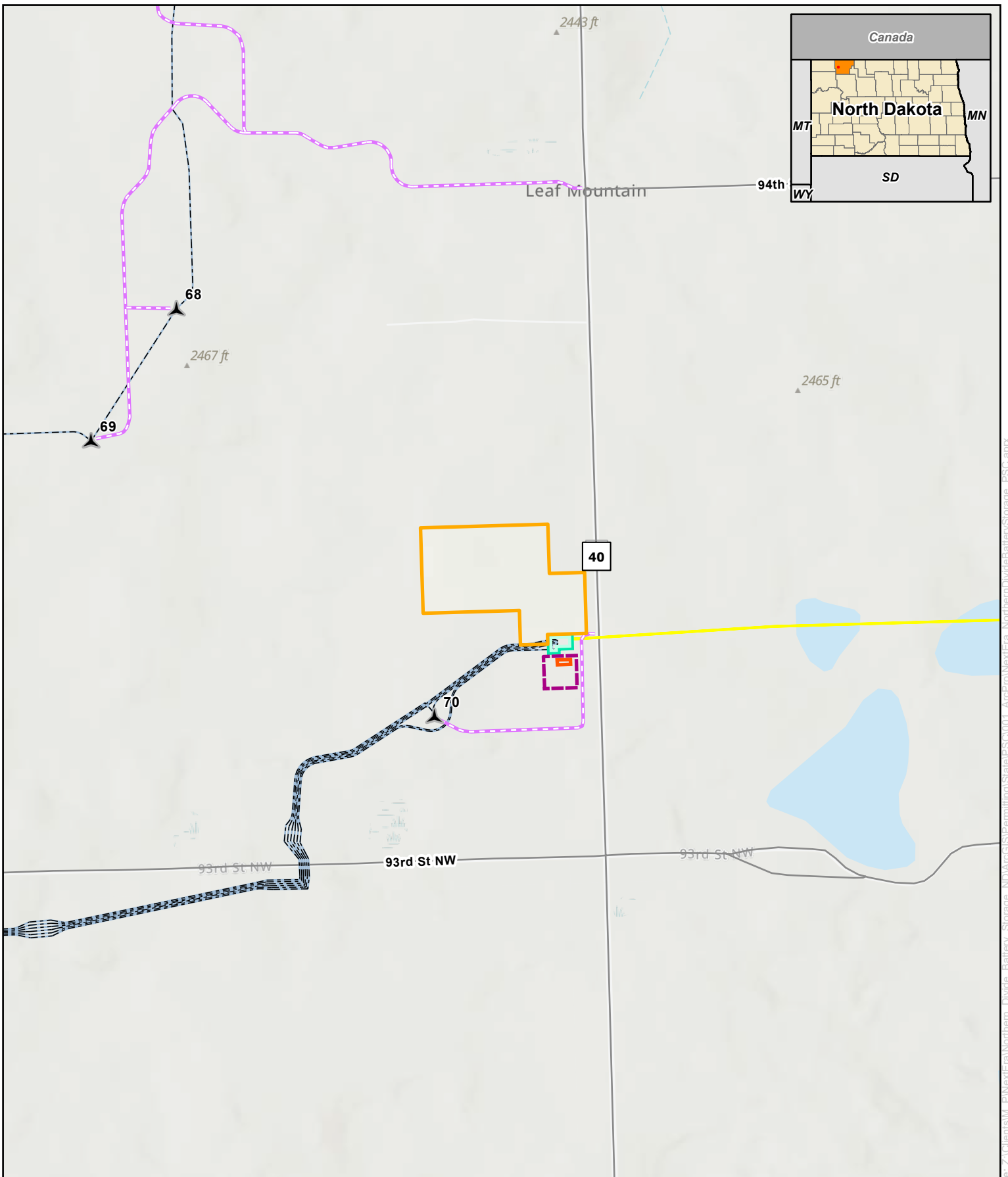


Exhibit A
Project Overview
Northern Divide Energy Storage
Burke County,
North Dakota

- | | |
|-----------------------------------|--------------------------------|
| Project Area | Existing Collection Line |
| Existing Turbine | Existing Collection Substation |
| Existing 345 kV Transmission Line | Existing O&M Yard |
| Existing Access Road | Existing O&M Building |

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

NOTICE OF TEN YEAR PLAN FILING

In accordance with North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Ch. 69-06-02, **NOTICE** is hereby provided that on November 18, 2024, Northern Divide Energy Storage, LLC filed a Ten Year Plan with the North Dakota Public Service Commission.

To request a copy of the filing, please contact the North Dakota Public Service Commission or the undersigned.

Dated this 18th day of November, 2024.

CROWLEY FLECK PLLP
Attorneys for Northern Divide Energy Storage, LLC
100 West Broadway Ave., Suite 250
P.O. Box 2798
Bismarck, North Dakota 58502-2798
Phone: (701) 223-6585
Fax: (701) 222-4853
cfurey@crowleyfleck.com

By: _____

Casey A. Furey (#08035)

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on the 18th day of November, 2024, a true and correct copy of the following document:

Notice of Ten Year Plan Filing

was placed in the U.S. Mail with postage prepaid, to be served upon the following at their last known post office address as follows:

Kyle C. Wanner, Executive Director ND State Aeronautics Commission P.O. Box 5020 Bismarck, ND 58502-5020	Bill Peterson, Director State Historical Society of North Dakota 612 E. Boulevard Avenue Bismarck, ND 58505
Drew Wrigley, Attorney General Office of the Attorney General 600 E. Boulevard Avenue, Dept. 125 Bismarck, ND 58505	Brad Hawk, Executive Director ND Indian Affairs Commission 600 E. Boulevard Avenue 1 st Floor Judicial Wing, Room 117 Bismarck, ND 58505
Doug Goehring, Agriculture Commissioner ND Department of Agriculture 600 E. Boulevard Avenue, Dept. 602 Bismarck, ND 58505	Pat Bertagnolli, Executive Director Job Service of North Dakota P.O. Box 5507 Bismarck, ND 58506
Dr. Nizar Wehbi, State Health Officer ND Department of Health 600 E. Boulevard Avenue, Dept. 301 Bismarck, ND 58505	Joseph A. Heringer, Land Commissioner ND Department of Trust Lands 1707 N. 9 th Street Bismarck, ND 58501
David Glatt, Director ND Department of Environmental Quality 4201 Normandy St. Bismarck, ND 58503-1324	Cody Schulz, Director ND Parks and Recreation Department 604 E. Boulevard Avenue, Dept. 750 Bismarck, ND 58505
Jessica Thomasson, Executive Director ND Department of Human Services 600 E. Boulevard Avenue, Dept. 325 Bismarck, ND 58505	Dan Hovland, State Conservationist ND Natural Resources Conservation Service 220 East Rosser Avenue Federal Building Bismarck, ND 58502-1458
Nathan Svihovec, Commissioner of Labor ND Department of Labor and Human Rights 600 E. Boulevard Avenue, Dept. 406 Bismarck, ND 58505	John Paczkowski, P.E., State Engineer ND Department of Water Resources 1200 Memorial Highway Bismarck, ND 58504-5262

Wayde Sick, Director and Executive Officer ND Department of Career and Technical Education 600 E. Boulevard Avenue, Dept. 270 Bismarck, ND 58505	Lloyd J. Austin III, Secretary of Defense U.S. Department of Defense 1000 Defense Pentagon Washington, DC 20301-1000
Josh Teigen, Commissioner ND Department of Commerce 1600 E. Century Avenue, Suite 6 Bismarck, ND 58503	Drew Becker, Ecological Services Supervisor U.S. Fish and Wildlife Service 3425 Miriam Avenue Bismarck, ND 58501
Rick Owings, Grants Administrator Energy Infrastructure and Impact Office 1707 N. 9 th Street Bismarck, ND 58501	U.S. Army Corps of Engineers North Dakota Regulatory Office 3319 University Dr. Bismarck, ND 58504
Jeb Williams, Director ND Game and Fish Department 100 N. Bismarck Expressway Bismarck, ND 58501	Rebecca MacPherson Federal Aviation Administration O'Hare Lake Office Center 2300 East Devon Avenue Des Plaines, IL 60018
Claire Vigesaa, Executive Director North Dakota Transmission Authority 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	U.S. Department of Transportation Federal Aviation Administration 800 Independence Avenue, SW Washington, DC 20591
Karen Tyler, Executive Director ND Industrial Commission 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	Jarret Van Berkom, Chairman Burke County Commission PO Box 168 Powers Lake, ND 58773-0168
Governor Doug Burgum Office of the Governor, State of North Dakota 600 E. Boulevard Avenue, Dept. 101 Bismarck, ND 58505	Tom Claeys, State Forester ND Forest Service 916 E. Interstate Ave., Suite #4 Bismarck, ND 58503-1227
Ron Henke, PE, Director ND Department of Transportation 608 E. Boulevard Avenue Bismarck, ND 58505	Tom Claeys, State Forester ND Forest Service 307 1 st Street E Bottineau, ND 58318-1100

Justin Kringstad, Director ND Pipeline Authority 600 E. Boulevard Avenue, Dept. 405 Bismarck, ND 58505	Military Aviation and Installation Assurance Siting Clearinghouse 3400 Defense Pentagon, Room 5C646 Washington, DC 20301-3400
Lynn Helms, Director ND Geological Survey 600 E. Boulevard Ave. Bismarck, ND 58505-0840	Grand Forks Air Force Base 345 Tuskegee Amn. Blvd. Grand Forks AFB, ND 58205
Tracy Stone-Manning, BLM Director Federal Bureau of Land Management 706 Horizon Drive Grand Junction, CO 81506	Minot Air Force Base Twentieth Air Force 91 st Missile Wing 196 Missile Ave. Minot AFB, ND 58705
Federal Bureau of Land Management North Dakota Field Office 99 23 rd Ave. West, Suite A Dickinson, ND 58601	Minot Air Force Base 196 Missile Ave. Minot AFB, ND 58705

Dated this 18th day of November, 2024.

CROWLEY FLECK PLLP
Attorneys for Northern Divide Energy Storage, LLC
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Fax: (701) 222-4853
cfurey@crowleyfleck.com

By: _____

Casey A. Furey (#08035)

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on November 18, 2024, a true and correct copy of the following document:

- **Northern Divide Energy Storage, LLC's Ten Year Plan**

was sent via certified mail, return receipt requested, to the persons to be served at their last known post office address as follows:

Amie Vandegraft
Burke County Auditor
P.O. Box 310
Bowbells, ND 58721

Dated this 18th day of November, 2024.

CROWLEY FLECK PLLP
Attorneys for Northern Divide Energy Storage, LLC
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By: 

Casey A. Furey (#08035)