

**Emmons-Logan Energy Storage, LLC  
700 Universe Blvd.  
Juno Beach, FL 33408-2683**

April 14, 2025

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

**Subject: Emmons-Logan 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, Emmons-Logan Energy Storage, LLC (Emmons-Logan Energy Storage) hereby submits its initial Ten Year Plan for years 2025-2035.

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*(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.*

Emmons-Logan Energy Storage is proposing to develop and construct an up to 140 megawatt (MW), four-hour-duration battery energy storage system (BESS) known as the Emmons-Logan Energy Storage Project (the Project). The Project will be located in Emmons 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 is planned to be located adjacent to the existing Emmons-Logan Wind Energy Center, which is owned by Emmons-Logan Energy Storage's affiliate, Emmons-Logan Wind, LLC, and will connect to the existing Emmons-Logan Wind 230-kilovolt (kV) collection substation, which connects through a seven-mile, 230-kV generation tie-line into the Napoleon Substation owned by Montana-Dakota Utilities Co.

The Project is expected to begin construction in the fall of 2025 and be placed in service in the fourth quarter of 2026. The Project will have an estimated life of greater than 10 years. Emmons-Logan Energy Storage is currently marketing the output of the Project to potential off-takers. Accordingly, Emmons-Logan 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 Emmons 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, Emmons-Logan Energy Storage has and will continue to engage and coordinate with the Midcontinent Independent System Operator (MISO), the interconnecting transmission owner, and the local electrical cooperatives regarding the Project. The interconnection studies performed by MISO and Great River Energy confirm that the interconnection of the Project to the MISO grid would not result in transmission congestion or significant network upgrades and that the Emmons Logan Wind collection substation is the best point of interconnection for the Project. 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.<sup>1</sup>

*(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.*

Emmons-Logan 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, Emmons-Logan 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. Emmons-Logan Energy Storage has and will continue to work with Emmons County to ensure conformance with local land use regulations.

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<sup>1</sup> See N.D.C.C. § 17-01-01.

*(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.*

As discussed above, Emmons-Logan Energy Storage is currently marketing the output of the Project to potential off-takers.

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.”<sup>2</sup> 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:

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Officer Signature

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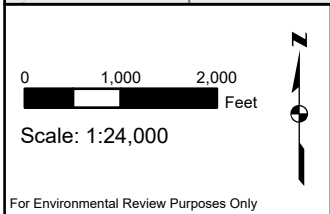
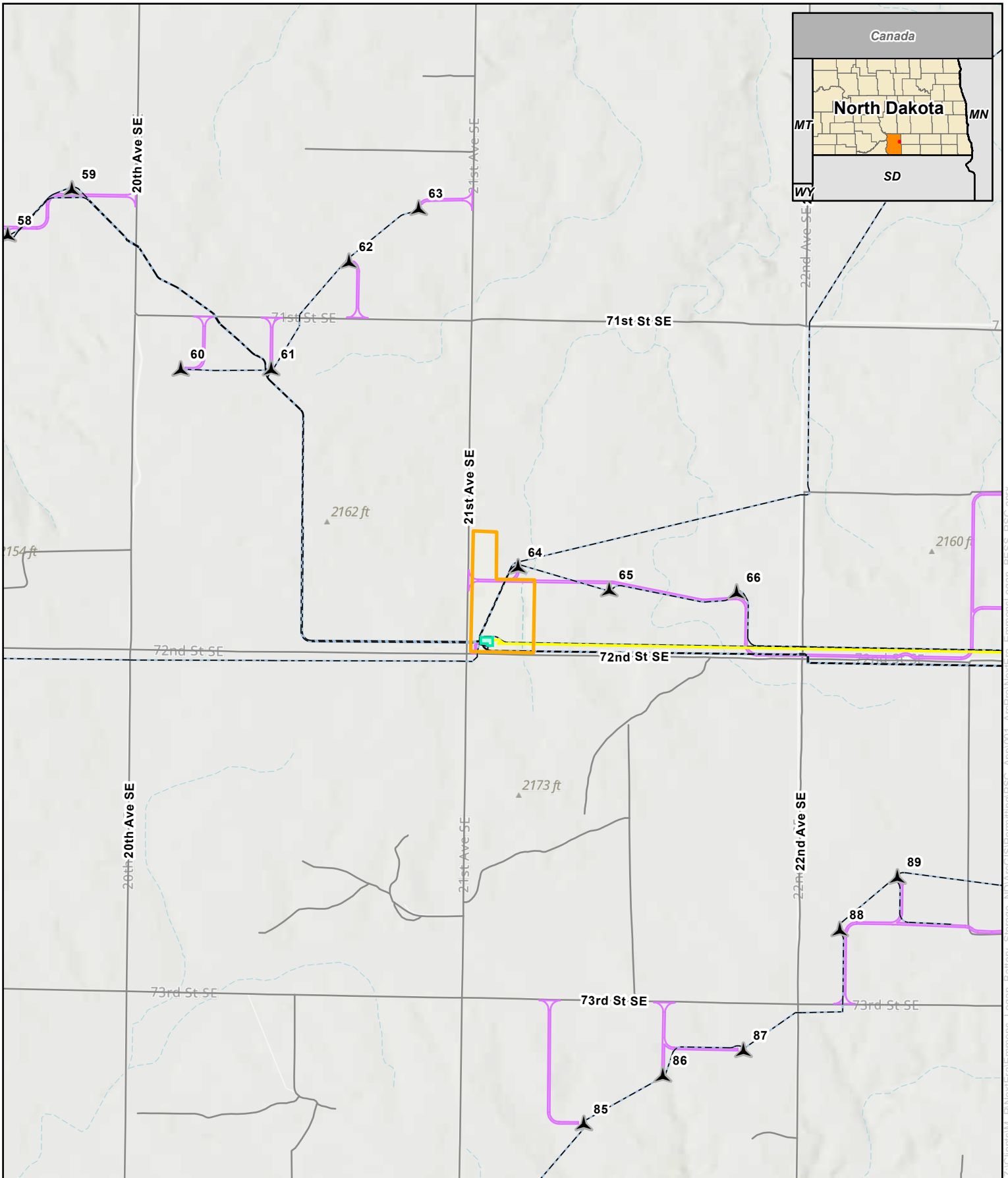
April 11, 2025

Anthony Pedroni  
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<sup>2</sup> See N.D.C.C. § 17-01-01.

**Exhibit A**



## Exhibit A Project Overview Emmons-Logan Energy Storage Emmons County, North Dakota

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|  Project Area                   |  Existing Turbine           |
|  Existing Collection Substation |  Existing Transmission Line |
|  Existing Access Road           |  Existing Collection Line   |