

TEN YEAR PLAN: 2026-2036

Harmony Storage, LLC

June 2026

In accordance with N.D.C.C. § 49-22-04 and N.D.A.C. Ch. 69-06-02, Harmony Storage, LLC (“Harmony Storage”), submits the following Ten Year Plan for years 2026 through 2036.

- (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 the ten-year period.*

Harmony Storage is developing a utility-scale energy storage facility known as the Harmony Storage Project (the “Project”) in Cass County, North Dakota. The Project will be a 200 megawatt (“MW”) battery energy storage system with a four-hour, or 800 MWh, duration to store excess energy. The Project will connect to the existing Harmony Solar 230 kilovolt (“kV”) collector substation via underground 34.5 kV collection lines. The Project does not include a transmission facility subject to the jurisdiction of the North Dakota Public Service Commission (“Commission”). Harmony Storage anticipates construction will start in the second quarter of 2027 and the Project will be commercially operational in the fourth quarter of 2028.

Other than the proposed Project, Harmony Storage does not have any transmission or generation facilities located in North Dakota. The Project will have an estimated life of greater than 10 years. As such, Harmony Storage does not have any plans to decommission any transmission or generation facilities within the timeframe of this plan.

- (2) *An identification of the location of the tentative preferred site for all energy conversion facilities and the tentative location of all 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 site and corridor identification shall be made in compliance with the criteria published by the commission pursuant to section 49-22-05.1.*

The Project is proposed to be located in west central Cass County, North Dakota. A map of the proposed site for the Project is provided as **Exhibit A**, attached hereto. The Project will be designed to comply with the Commission’s siting criteria, including the exclusion and avoidance area criteria referenced in N.D.C.C. § 49-22-05.1 and identified in N.D.A.C. Section 69-06-08-01.

- (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.*

Harmony Storage is in the process of finalizing its Generator Interconnection Agreement with the Midcontinent Independent Transmission System Operator (“MISO”) and Xcel Energy, the local transmission owner.

- (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.*

Harmony Storage has utilized, and will continue to utilize, environmental personnel, as well as external environmental consultants, to conduct studies and analyses of the Project to ensure it will comply with the siting criteria set forth in N.D.C.C. Ch. 49-22 and N.D.A.C. Section 69-06-08-01. Additionally, Harmony Storage has consulted 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. Harmony Storage also has been and will continue to work with Harmony Township to ensure conformance with applicable 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.*

The Project will be capable of storing surplus power from the Harmony Solar collector substation and the existing electric grid when production exceeds system demand (oversupply). In other words, if the grid has excess energy (*e.g.*, during periods of low demand), this energy can be routed and stored by the Project for later release during times of increased demand.

Utilities are including renewable energy projects in their resource plans as long-term economic energy and capacity resources. In general, alternative energy sources provide lower costs per MW-hour than conventional sources, and pairing renewable projects with battery storage projects compound these results.^{1,2} Key benefits of energy storage facilities include:

- Enhanced grid reliability and resiliency by minimizing disruptions and providing power during brief outages.
- Fewer interruptions in service and the ability to inject stored power back into the grid during times of peak demand, which reduces costs for consumers.
- Enables higher and more efficient use of existing and new renewable energy sources.
- Energy storage maintains grid capacity during times when the sun is down and the wind is not blowing.³

¹ Lazard, *Lazard's Levelized Cost of Energy Analysis – Version 18* (June 2025), at 4. Accessed online May 5, 2026. Retrieved from <https://www.lazard.com/media/5tlbhyla/lazards-lcoeplus-june-2025-vf.pdf>.

² International Renewable Energy Agency, *91% of New Renewable Projects Now Cheaper Than Fossil Fuels Alternatives* (July 22, 2025). Accessed online May 5, 2026. Retrieved from <https://www.irena.org/News/pressreleases/2025/Jul/91-Percent-of-New-Renewable-Projects-Now-Cheaper-Than-Fossil-Fuels-Alternatives>.

³ American Clean Power, *Clean Energy Storage Facts* (2024). Retrieved from <https://cleanpower.org/facts/clean-energy-storage/>. Accessed June 2026.

As noted above, battery storage projects can further reduce renewable project costs and improve grid reliability by storing excess power that would otherwise be wasted during periods of excess production or low demand, until it's needed during periods of low production or high-demand.⁴

As such, energy storage projects like the proposed Harmony Storage Project, support renewable energy development goals and overall grid resiliency by stabilizing the renewable resources' availability.

⁴ U.S. Environmental Protection Agency – Green Power Partnership, *Guide to Purchasing Green Power*, at 4-5. Accessed online May 5, 2026. Retrieved from https://www.epa.gov/sites/default/files/2016-01/documents/purchasing_guide_for_web.pdf.

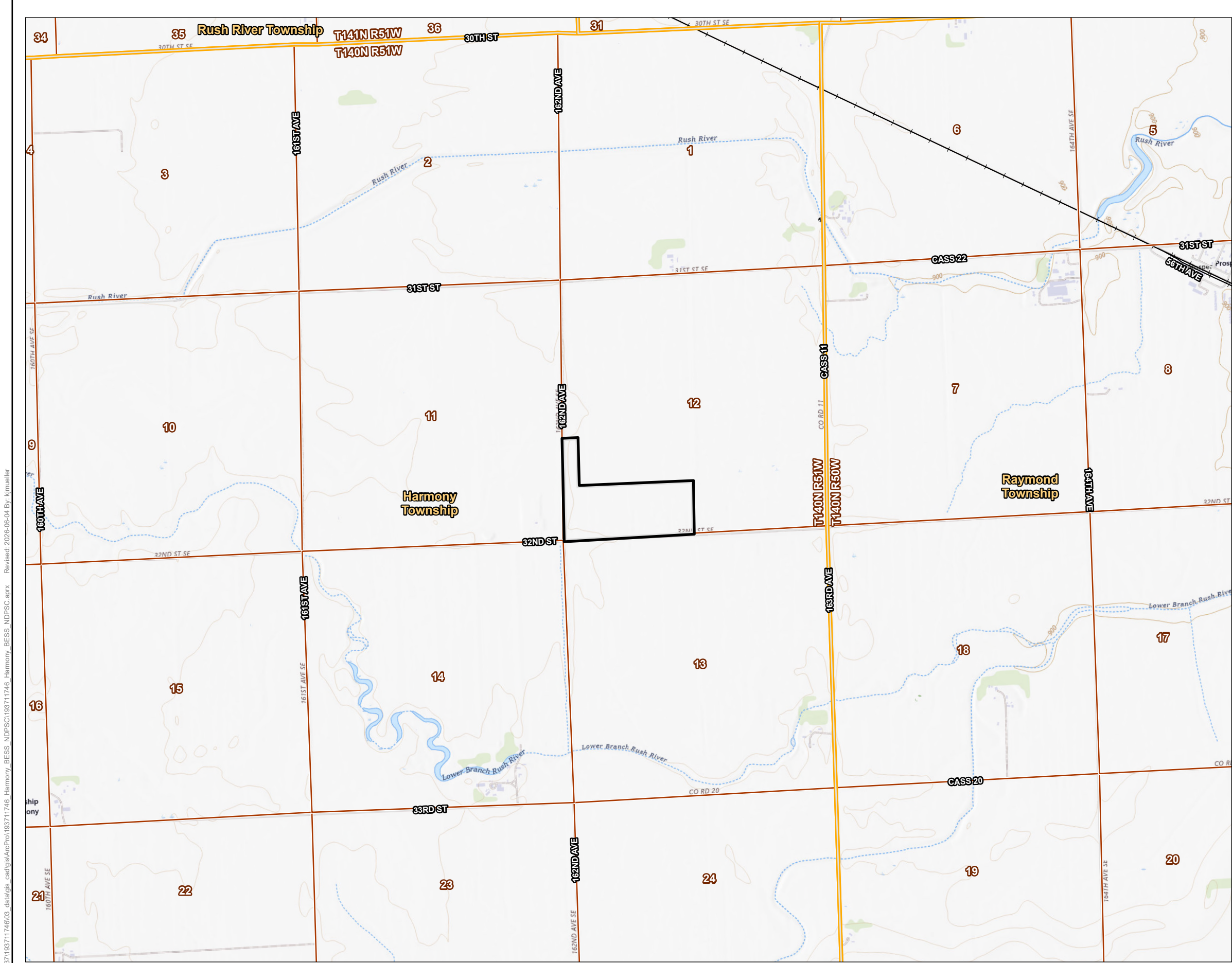


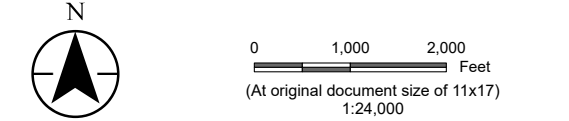
Figure No. **1** **DRAFT**

Project Location

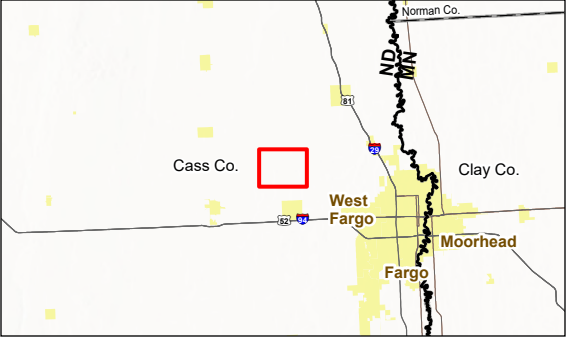
Client/Project
Geronimo Power
Harmony BESS
NDPSC Siting Application
193711746

Project Location
T140N, R51W, S12
T. Harmony, Cass Co., ND

Prepared by KJM on 2026-05-05
TR by XX on 2026-XX-XX
IR by XX on 2026-XX-XX



- Legend
- Project Boundary
 - Civil Township
 - Township, Range & Section Boundary



Notes

1. Coordinate System: NAD 1983 2011 StatePlane North Dakota South FIPS 3302 Ftl
2. Data Sources: Geronimo Power, Stantec, NDDOT, NDSWC, USGS
3. Background: USGS 7.5' Quadrangle Map

