

STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Harmony Solar ND, LLC
Harmony Solar Project – Cass County
Siting Application

Case No. PU-18-219

ORDER

June 11, 2026

Preliminary Statement

On February 26, 2019, the Commission issued its Findings of Fact, Conclusions of Law and Order (Order), issuing Certificate of Site Compatibility Number 58 (Certificate) to Harmony Solar ND, LLC (Harmony Solar), authorizing the construction, operation, and maintenance of an up to 200 megawatt (MW) solar energy conversion facility known as the Harmony Solar Project, in Cass County, North Dakota (Project).

On November 20, 2024, the Commission issued an Order on Continuing Suitability, authorizing Harmony Solar to begin construction of the Project pursuant to the Certificate as early as the second quarter of 2025 and no later than the second quarter of 2027.

On February 23, 2026, Harmony Solar filed an application to amend the Order and Certificate (Application) with respect to paragraph 14 of the Certification Relating to Order Provisions – Solar Energy Conversion Facility Siting (Certification). Specifically, Harmony Solar requested an amendment authorizing it to bury direct current (DC) cables to a depth of at least 24-inches, rather than the current minimum burial depth of at least 48 inches.

On March 18, 2026, the Commission issued a Notice of Filing and Notice of Opportunity for Hearing, requesting comments and requests for hearing by May 2, 2026. The Notice identified the following issues to be considered:

1. Will the location, construction, and operation of the proposed facilities produce minimal adverse effects on the environment and upon the welfare of the citizens of North Dakota?
2. Are the proposed facilities compatible with the environmental preservation and the efficient use of resources?
3. Will the proposed facility locations minimize adverse human and environmental impact while ensuring continuing system reliability and

integrity and ensuring that energy needs are met and fulfilled in an orderly and timely fashion?

Discussion

1. Harmony Solar's Application requests the Commission amend the Order by adding a provision modifying paragraph 14 of the Certification to require different minimum burial depth for alternating current (AC) and DC underground cables.
2. Harmony Solar states that it will install both AC and DC underground cables as part of the Project.
3. The underground AC cables carry the power from the inverters to the Project substation and will be installed at a depth of at least 48 inches to the top of the cables.
4. The underground DC cables connect the solar panels to the inverters. The DC cables will extend between each load break disconnect, which safely isolates the inverters from the DC power coming from the solar array and each inverter, and are proposed to have a minimum depth cover of 24 inches to the top of the cables.
5. The underground DC cables would be entirely contained within the fenced area of the Project.
6. Harmony Solar committed to removing the underground DC cables at the time of Project decommissioning. The underground AC cables would be abandoned in place at the time of Project decommissioning.
7. The construction, operation, and maintenance of the proposed facilities at the site designated for the Project will produce minimal adverse effects on the environment and upon the welfare of the citizens of North Dakota.
8. The proposed facilities at the site designated for the Project are compatible with the environmental preservation and the efficient use of resources.
9. The proposed facility locations at the site designated for the Project will minimize adverse human and environmental impact while ensuring continuing system reliability and integrity and ensuring that energy needs are met and fulfilled in an orderly and timely fashion.

Order

The Commission Orders:

1. Harmony Solar ND, LLC's Application to Amend Order and Certificate is granted.

2. The Commission's February 26, 2019, Findings of Fact, Conclusions of Law and Order, issuing Certificate of Site Compatibility Number 58 to Harmony Solar ND, LLC, is amended to include the following: With respect to paragraph 14 of the Certification Relating to Order Provisions - Solar Energy Conversion Facility Siting, Harmony Solar shall bury all underground AC electrical cables to a depth of at least 48 inches to the top of the cables, and shall bury all underground DC electrical cables to a depth of at least 24 inches to the top of the cables. At decommissioning, Harmony Solar shall remove all underground DC cables.

3. Except to the extent superseded or modified by this Order, the Conclusions of Law and Order provisions of the Commission's November 20, 2024, Order on Continuing Suitability and the Commission's February 26, 2019, Order issuing Certificate of Site Compatibility Number 58 remain in effect.

PUBLIC SERVICE COMMISSION



Sheri Haugen-Hoffart
Commissioner



Randy Christmann
Chair



Jill Kringstad
Commissioner