

**STATE OF NORTH DAKOTA  
PUBLIC SERVICE COMMISSION**

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

**Case No. PU-18-219**

**ORDER**

\_\_\_\_\_, 2026

**Preliminary Statement**

On February 26, 2019, in Case No. PU-18-219, the North Dakota Public Service Commission (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 Order and Certificate (Application to Amend), requesting an amendment to the Order and Certificate with respect to Paragraph 14 of the Certification Relating to Order Provisions - Solar Energy Conversion Facility Siting (Certification Relating to Order Provisions). 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 48-inch depth currently specified for electric cables.

On March 18, 2026, the Commission issued a Notice of Filing and Notice of Opportunity for Hearing, requesting comments and requests for hearing by April 27, 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. In its Application to Amend, Harmony Solar requested that the Commission amend the Order by adding a provision that modifies Paragraph 14 of the Certification Relating to Order Provisions so as to differentiate between the depth of cover required for underground alternating current (AC) cables and underground DC cables. Since the Certificate references the Order, Harmony Solar requested that the amendment also be incorporated into the Certificate.

2. In its Application to Amend, Harmony Solar provided information on the two types of electrical cables that will be installed as part of the Project – AC cables and DC cables.

3. The 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 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 have a standard depth cover of 24 to 28 inches.

5. The DC cables have a different standard depth of cover than AC cables for several reasons, as detailed in Harmony Solar's Application to Amend.

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, in Case No. PU-18-219, 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

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**Sheri Haugen-Hoffart**  
Commissioner

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**Randy Christmann**  
Chair

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**Jill Kringstad**  
Commissioner