



## Formal Natural Heritage Review - Cover Page

See next page for results of review. A draft watermark means the project details have not been finalized and the results are not official.

**Project Name:** Lake Charlotte Solar Facility (Solar Facility) and Battery Energy Storage System (BESS)

**Project Proposer:** Lake Charlotte Solar, LLC

**Project Type:** Power, Solar

**Project Type Activities:** Grading

**TRS:** T103 R30 S15, T103 R30 S16, T103 R30 S17, T103 R30 S20, T103 R30 S21, T103 R30 S8, T103 R30 S9

**County(s):** Martin

**DNR Admin Region(s):** South

**Reason Requested:** PUC Site or Route Application

**Project Description:** Lake Charlotte Solar, LLC (Lake Charlotte, Lake Charlotte Solar, or Applicant), a wholly owned subsidiary of National Grid Renewables Development, LLC ...

**Existing Land Uses:** Land use is currently primarily agricultural and developed lands

**Landcover / Habitat Impacted:** Agricultural and developed lands will be impacted by the project. Impacts to wildlife habitat, including avian species, are expected to be minor due to the dominance of agricultural land cover types

**Waterbodies Affected:** A wetland and waters survey conducted in 2022 did not identify any lakes, ponds, rivers, streams, and ditches within the Land Control Area. This survey ...

**Groundwater Resources Affected:** Impacts to geology and groundwater resources from construction and operation of the Project are not anticipated.

**Previous Natural Heritage Review:** No

**Previous Habitat Assessments / Surveys:** No

### SUMMARY OF AUTOMATED RESULTS

Category	Results	Response By Category
<b>Project Details</b>	No Comments	No Further Review Required
<b>Ecologically Significant Area</b>	No Comments	No Further Review Required
<b>State-Listed Endangered or Threatened Species</b>	No Comments	No Further Review Required
<b>State-Listed Species of Special Concern</b>	No Comments	No Further Review Required
<b>Federally Listed Species</b>	No Records	Visit IPaC For Federal Review



Minnesota Department of Natural Resources  
Division of Ecological & Water Resources  
500 Lafayette Road, Box 25  
St. Paul, MN 55155-4025

March 11, 2025

Project ID: MCE #2025-00257

Andrea Sampson  
Merjent, Inc.  
1 Main Street SE, Suite 300  
Minneapolis, MN 55414

RE: Automated Natural Heritage Review of the proposed Lake Charlotte Solar Facility (Solar Facility) and Battery Energy Storage System (BESS)  
See Cover Page for location and project details.

Dear Andrea Sampson,

As requested, the above project has been reviewed for potential effects to rare features. Given the project details provided on the cover page, I do not believe the proposed project will negatively affect any known occurrences of rare features. To ensure compliance with federal law, conduct a federal regulatory review using the U.S. Fish and Wildlife Service's (USFWS) online [Information for Planning and Consultation \(IPaC\) tool](#).

The Natural Heritage Information System (NHIS), a collection of databases that contains information about Minnesota's rare natural features, is maintained by the Division of Ecological and Water Resources, Department of Natural Resources. The NHIS is continually updated as new information becomes available, and is the most complete source of data on Minnesota's rare or otherwise significant species, native plant communities, and other natural features. However, the NHIS is not an exhaustive inventory and thus does not represent all of the occurrences of rare features within the state. Therefore, ecologically significant features for which we have no records may exist within the project area. If additional information becomes available regarding rare features in the vicinity of the project, further review may be necessary.

For environmental review purposes, the results of this Natural Heritage Review are valid for one year; the results are only valid for the project location and the project description provided on the cover page. If project details change or construction has not occurred within one year, please resubmit the project for review before initiating project activities.

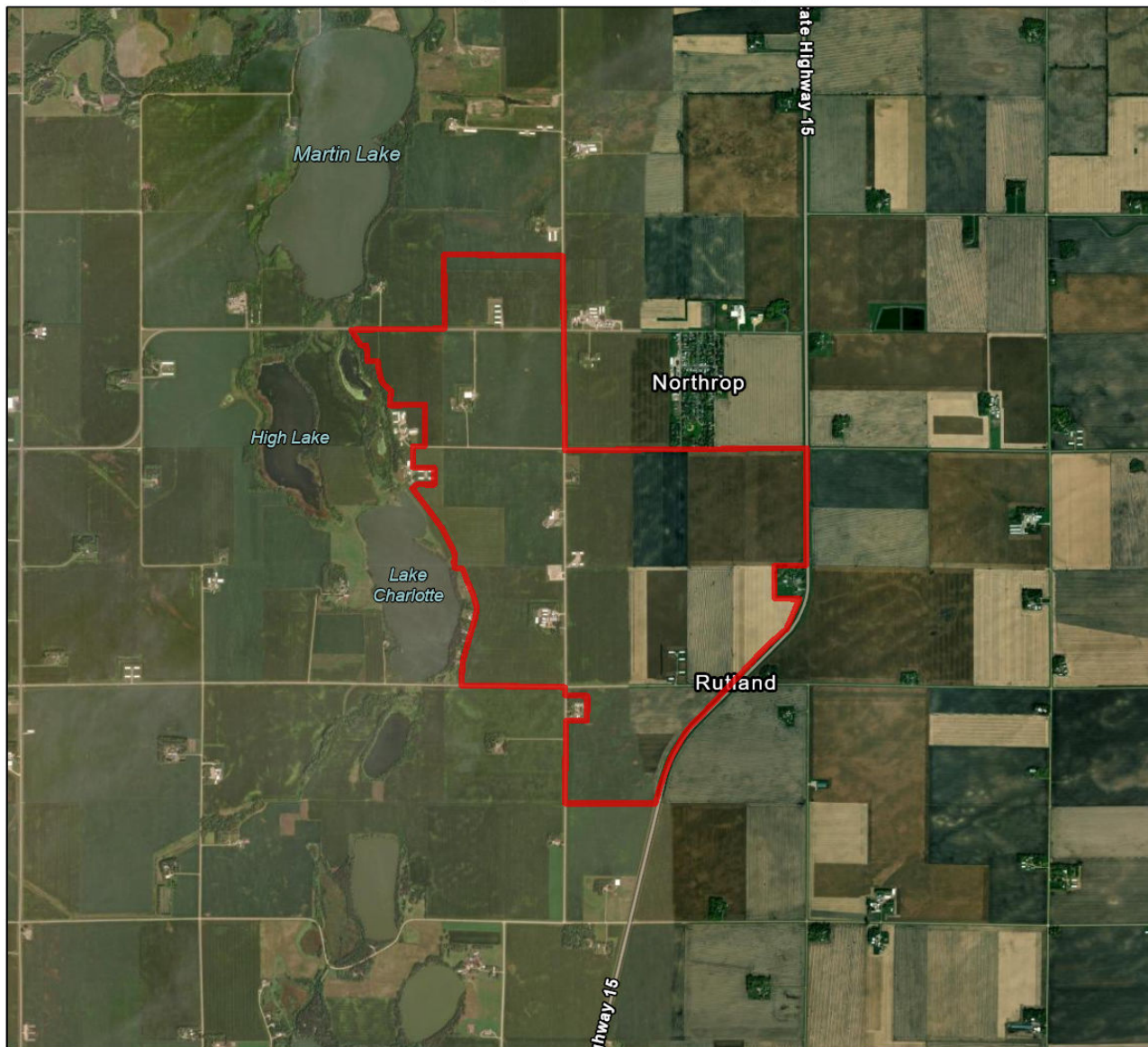
The Natural Heritage Review does not constitute project approval by the Department of Natural Resources. Instead, it identifies issues regarding known occurrences of rare features and potential impacts to these rare features. For information on the environmental review process or other natural resource concerns, you may contact your [DNR Regional Environmental Assessment Ecologist](#).

Thank you for consulting us on this matter, and for your interest in preserving Minnesota's rare natural resources.

Sincerely, *The Natural Heritage Review Team* [Natural Heritage Review Program](#)  
[Review.NHIS@state.mn.us](mailto:Review.NHIS@state.mn.us)

Links: USFWS Information for Planning and Consultation (IPaC) tool  
[Information for Planning and Consultation \(IPaC\) tool](#)  
DNR Regional Environmental Assessment Ecologist Contact Info  
[https://www.dnr.state.mn.us/eco/ereview/erp\\_regioncontacts.html](https://www.dnr.state.mn.us/eco/ereview/erp_regioncontacts.html)

# Solar Facility (Solar Facility) and Battery Energy Storage System (BESS) Aerial Imagery With Locator Map



 Project Boundary

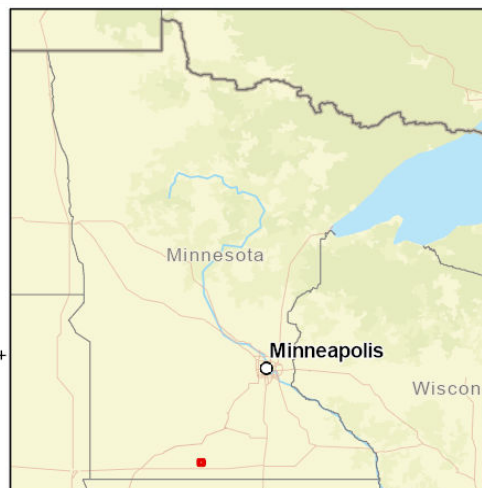
Project Type: Power, Solar

Project Size (acres): 1,363.74

County(s): Martin

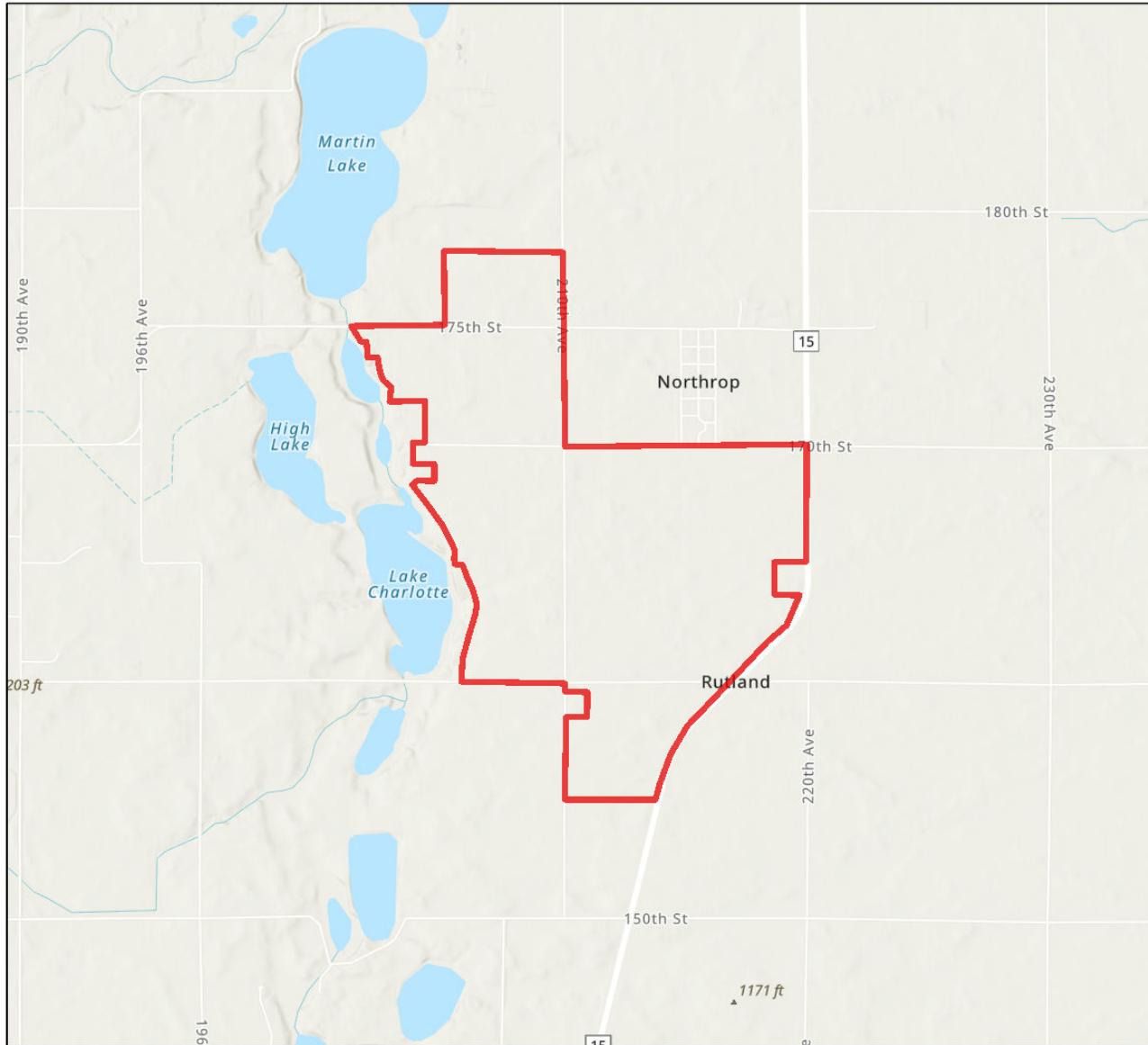
TRS: T103 R30 S15, T103 R30 S16, T103 R30 S17, T103 R30 S20, T103 R30 S21 +

Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS  
Earthstar Geographics  
Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS,



# Solar Facility (Solar Facility) and Battery Energy Storage System (BESS)

USA Topo Basemap With Locator Map



 Project Boundary

Project Type: Power, Solar

Project Size (acres): 1,363.74

County(s): Martin

TRS: T103 R30 S15, T103 R30 S16, T103 R30 S17, T103 R30 S20, T103 R30 S21 +

Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS  
Esri, NASA, NGA, USGS, FEMA  
Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS,

