



LANGDON MILLS SOLAR

Key Engineering and Environmental Studies

- **Wetland and Waterway Delineation:** Identifies the location and extent of wetlands and waterways within the project area.
 - Section 8 and Appendices T and U of CPCN Application
- **Glare Analysis:** Assesses potential impact from reflected light at different times of year using Project-specific details including panel height, orientation, and angle.
 - Section 5.20 and Appendix Q of CPCN Application
- **Sound Report:** Sound analysis conducted to determine a pre-construction ambient sound assessment and to estimate ambient sound levels post-construction.
 - Section 5.19 and Appendix P of CPCN Application
- **Threatened and Endangered Species Studies:** Evaluation of potential effects of Project on federal or state listed threatened or endangered species.
 - Section 5.8 and Appendix K of CPCN Application
- **Visual Impact Analysis:** A simulation of Project visual impacts from key vantage points.
 - Section 4.3 and Appendix G of CPCN Application
- **Geotechnical Report:** An evaluation of subsurface conditions relevant to Project construction.
 - Section 5.1 and Appendix H of CPCN Application
- **Cultural Resources Report:** A review of catalogued archaeological sites and historic structures in and near the Project area.
 - Section 5.14 and Appendices M and N of CPCN Application
- **Stormwater Pollution Prevention Plan:** An engineering plan to ensure compliance with state and federal stormwater runoff requirements during construction.
 - Section 9.1 and Appendix V of CPCN Application
- **EMF Study:** A study to ensure that the Project's estimated electric and magnetic field forces are consistent with industry safety standards.
 - Section 5.18 and Appendix O of CPCN Application
- **Decommissioning Plan:** A report that provides Langdon Mill's Solar plan and commitment for decommissioning/deconstructing/restoration at the end of the Project's useful life.
 - Section 1.7.3 and Appendix C of CPCN Application
- **Economic Impact Study:** A report on the positive economic impact of the Project on the community.
 - Section 3.2 and Appendix R of CPCN Application

PERMIT AGREEMENTS

- **Certificate of Public Convenience and Necessity (CPCN)** – A project with a capacity of 100 megawatts (MW) or more must apply for and receive a CPCN from the Public Service Commission of Wisconsin (PSCW). On October 19th, 2022, Langdon Mills Solar submitted its CPCN application with the PSCW. All filings are listed in the Project's assigned docket within the PSCW records. You can follow the Project's docket by going to the "ERF Upload" link at the PSCW website and search for Docket No. 9818-CE-100.
- **Environmental Assessment** – The PSCW and the Wisconsin Department of Natural Resources will conduct an environmental assessment of the Project to evaluate the Project's impact on a variety of important environmental issues.
- **Joint Development Agreement** – Langdon Mills Solar continues to work with local municipalities and Columbia County government to collaborate on a Joint Development Agreement (JDA). A JDA is a binding agreement between a project and local/county officials that outlines obligations and commitments by each party. Typical elements of a JDA include pre-construction meetings, a commitment to get certain local construction permits, and a process for reviewing and resolving community complaints. A JDA is not a requirement by the State of Wisconsin permitting process and agreement to participation in a JDA is up to the local government.