



LANGDON MILLS SOLAR

Langdon Mills Solar Project Facts

The Langdon Mills Solar project is a proposed solar development in Columbia County, WI, south of the Village of Cambria. The project is in development and is committed to providing information regarding project facts throughout the siting and permitting process. The public is encouraged to submit questions to the project through the website www.langdonmillssolar.com or via email at info@langdonmillssolar.com. For more information, please visit the project office in Cambria, the website, and/or Facebook page (@LangdonMillsSolar).

PANEL MAKE-UP

To successfully generate clean, renewable energy, Langdon Mills Solar will be using the most up-to-date, innovative technology. The photovoltaic (PV) solar panels the project intends to use are composed of monocrystalline solar cells confined between glass with a metal frame. These panels will sit on a tilt-axis racking system which will allow them to track the sun throughout the day.

The interior components of a PV solar panel consist of solid materials that are non-toxic, and are safe to humans and the environment. Similar to the glass used in automobiles, the glass for solar panels is tempered, which if broken, will keep all interior components enclosed within the panel. This durable, clean, energy production source is odorless, quiet, and will not generate any byproduct during energy production.

NATIVE VEGETATION

The project will plant and maintain native vegetative ground cover underneath, within the rows, and around the solar array. Native vegetation ground cover will allow the ground to rest and build nutrient-rich soil. The well-rested, nutrient-filled soil will also help with erosion control and mitigate water runoff impacts in, near, and around the solar site.

QUIET NEIGHBOR

Sound producing equipment at a solar facility is limited to inverters, transformers, and motors (which run the mounted tracking systems). Inverters convert power collected by the panels from direct current (DC) to alternating current (AC). During the collection process (daytime hours), the inverters will make minimal sound; however, the project will place the inverters within the array and, to the extent practicable, not at the edge or boundary of the site. A sound study will be completed and included within the project's permit application to the Public Service Commission of Wisconsin (PSCW). This study, along with several others, will be available for public review when the project submits application to the PSCW later this year.

DECOMMISSIONING

As part of Langdon Mills Solar's lease agreements with landowners, and as required by the PSCW, the project will be responsible for the removal of all equipment at the end of the project's useful life. The removal of equipment and restoration of the host site is referred to as 'decommissioning'. A Decommissioning Plan will be prepared and submitted with the CPCN application to the PSCW. This plan details the responsibility of the project to remove equipment and return land to a similar state as was present before the project was constructed. As part of the Decommissioning Plan, the project will agree to post a bond or similar financial surety to ensure the funds necessary to decommission are consistently available throughout the life of the project; this bond provides a financial guarantee that the project will bear the cost to decommission and that host landowners (with whom the project has leased ground for this temporary land-use purpose) and/or host communities will not be responsible for any costs. Decommissioning will consist of removing all solar equipment which was not present on the land prior to construction and operation. The decommissioning bond remains in effect for the life of the project regardless of any ownership transfer and/or in the highly unlikely circumstance of bankruptcy.