



LANGDON MILLS SOLAR

Frequently Asked Questions

8. What is the fire risk of a solar project such as this?

- A. The risk of fire in a utility-scale solar project is incredibly low. The project contains sensors that are capable of detecting a fire that could be occurring in a specific section of the array. These sensors will immediately notify Operation and Maintenance team members, who then can power off the array. The solar energy facility and its equipment will be operated and monitored to ensure proper safety of the equipment. The Langdon Mills Solar Project will have a safety and security plan that details fire protection and related education for local first responders. The project will work with local fire and EMS departments to ensure their thorough understanding of the project's low fire risk and proper response actions.

9. What will this do to the wildlife?

- A. Impacts to local wildlife are expected to be minimal. Project environmental experts have been assessing the project footprint by conducting site-specific studies to understand and mitigate potential impacts on wildlife. The project will comply with all state and federal regulations associated with wildlife including requirements of the United States Fish and Wildlife Service and the Wisconsin Department of Natural Resources (WDNR). Small local wildlife will be able to come and go through wildlife friendly fencing, including rabbits and other small mammals as well as turtles and other small reptiles.

10. What happens when it is cloudy outside?

- A. Even on a cloudy day, solar panels produce between 10% and 25% of their typical output. Advanced tracking systems also enable solar panels to follow the sun throughout the day and maximize the amount of electricity generated.

11. Are solar panels noisy?

- A. No, solar panels themselves are completely silent. Certain pieces of equipment on a solar farm, which include invertors, transformers, and motors, do emit a small amount of sound during the day from sunrise to sunset. Transportation and maintenance equipment – including cars, trucks, lawnmowers and string trimmers – are also a common source of noise on solar farms that most people are used to hearing elsewhere. The impact of this sound is negligible because the equipment is strategically placed within the solar layout and is typically distant from the property lines. A noise study will be conducted to ensure that the project operates within applicable noise limits.

12. What is the regulatory process that Langdon Mills Solar must go through to receive approval to build the project?

- A. Wisconsin has a very thorough, objective process run by the Public Service Commission of Wisconsin (PSCW) to review applications for large solar photovoltaic projects. Simultaneously, the WDNR reviews the project to ensure that any necessary impacts to wildlife, water, and the environment are minimized, and that all required environmental permits are sought and issued. The permitting process is similar to a judicial hearing, where evidence is entered into a record, and three impartial commissioners at the PSCW review the application for compliance with all Wisconsin laws. The process typically takes about a year from start to finish. More information on the process – and how to get involved – can be found at the PSCW website, here: <https://psc.wi.gov/Pages/ForConsumers/ConstructionAndEnvironmentalInformation.aspx>

13. Will stray voltage be a concern for livestock operations near the project?

- A. No. Utility-scale solar projects will follow strict electrical safety codes governing the design, construction, and operation of any project in Wisconsin. With modern-day underground collection and transmission lines used in the construction of solar farms, stray voltage will not impact neighboring farms. On-site project staff will oversee the day-to-day operations of the solar farm to assure the site continues to follow all applicable codes and regulations. Additionally, Langdon Mills Solar will comply with any stray voltage testing ordered by the PSCW.