Alliant Energy's

Beaver Dam Solar Project

June 2023 update

The 50-megawatt Beaver Dam Solar Project in Dodge County, Wisconsin, is part of Alliant Energy's **Clean Energy Blueprint**, a strategic roadmap to cost-effectively accelerate our transition to renewable energy and reduce carbon emissions. Once complete, the project will positively impact the environment and generate enough energy to power around 13,000 homes.

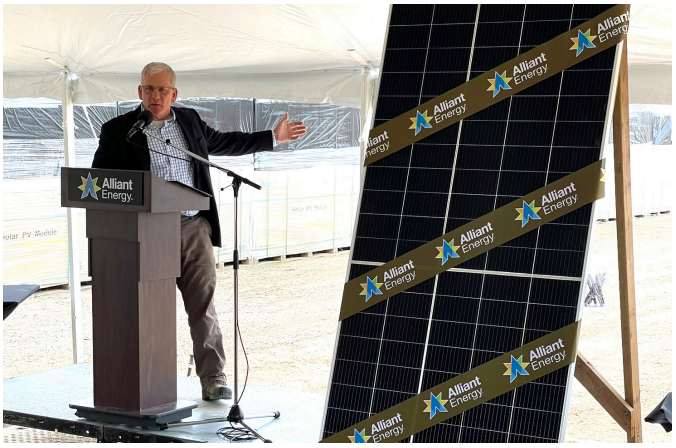
Construction update

The Beaver Dam Solar Project marked a significant milestone earlier this month as construction crews installed the first solar panel at the site. Alliant Energy held an event with contractor Burns & McDonnell, labor partners and others to celebrate.

"This first panel placement would not have been possible without the support of the community and our local construction partners," said Tim Kreft, senior manager of strategic projects at Alliant Energy. "This is an incredible milestone for Alliant Energy's solar development in Wisconsin as we continue to make smart investments in a cleaner, safer and more affordable energy future."

Once complete, the site will have approximately 120,000 solar panels.

We're 20% finished installing piles, the metal posts that support the solar arrays, and we're in the process of installing the tracking system. Racking goes across piles horizontally to hold panels and trackers rotate panels with the sun. As of early June, tracking system installation is nearly 5% complete.



We're just over 40% finished installing the underground AC cable that carries electricity from inverters to the substation. As we install solar panels, we'll continue to install DC electrical cable that carries electricity from the panels to the inverter boxes.

The project substation will connect the array to the electrical grid. We've poured the foundations for the substation and installed the mounted breakers. The substation is over 30% complete.

We expect the Beaver Dam Solar Project to be operational by the end of 2023.

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Water quality and solar projects

Solar energy projects improve the environment, and not only as clean energy sources that make the grid more reliable. The native grasses and seed mixes we plant at solar farms that provide habitat for pollinators and other wildlife also reduce stormwater runoff and erosion.

These prairie grasses and plants have a root structure that naturally enhances groundwater filtration, reducing the amount of pollutant in the groundwater that ends up in local bodies of water.

Learn more at **alliantenergy.com/waterquality**.

How we plan renewable energy projects

Our engineers consider many factors to assess parcels of land for renewable projects. They evaluate topography, the soil and bedrock, flood zoning and water runoff. They investigate archeological, historical and tribal significance.

They think about access to communication networks, how to connect the project to the grid and much more.

According to Steve Greidanus, Alliant Energy's manager of generation engineering, "When our teams design renewable energy projects, we focus on environmental impact, cost and reliability to create a sustainable future in clean energy for our customers."

Find out more at **alliantenergy.com/engineersweek2023**.

Find out what's next

We'll share additional updates, photos and details for the Beaver Dam Solar Project throughout the construction process online at **alliantenergy.com/beaverdamsolar**.

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