Alliant Energy's Cassville Solar Project

Winter 2024 Update

The 50-megawatt (MW) Cassville Solar Project in Grant County, Wisconsin, is part of our **Clean Energy Blueprint**, a strategic roadmap to cost-effectively accelerate our transition to renewable energy and reduce carbon emissions. Now complete, the project has generated enough energy in the first 10 months of 2024 to power approximately 50% of the households in Grant County for an entire year.

A message from our Operations team

At Alliant Energy, we constantly look at ways to modernize the grid to continue delivering the reliable service our customers expect. This includes solar projects like Cassville, as well as upgrades to existing infrastructure and placing local distribution lines underground.

This year, our Platteville and Prairie du Chien Operations teams installed more than 8 miles of underground distribution lines and expect to complete approximately 6 more miles by early 2025. All our new electric installations were underground as we continue to invest in reliability initiatives. Our teams are also helping complete the Cardinal-Hickory Creek transmission line to meet energy needs in the area, and rebuilding and upgrading two substations to add capacity and flexibility to the local distribution system.

These projects will improve the reliability of service in the community and ensure power is there at the flip of a switch. Thank you for the opportunity to serve you!

– Michelle Olson, manager of Customer Operations, Platteville



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Diverse energy mix progress

The Cassville Solar Project is one of 12 solar projects in Wisconsin we placed into service between 2022 and 2024. In addition to 1,089 MW of low-cost energy, we're constructing 274 MW of battery energy storage across three sites in Wisconsin, including a 100-MW system at the Grant County Solar Project.

Construction is ongoing at that location, and we expect the energy storage system to be operational by mid-2025.

In 2023, approximately 30% of the energy we generated in Wisconsin was renewable, and we expect that number to climb in 2024 with the completion of these projects.

This diverse energy mix allows us to deliver the safe, reliable and affordable energy our customers expect. It means we aren't dependent on a single source as we bolster the energy grid to meet future energy needs.

Learn more about the steps we're taking to diversify our energy portfolio at alliantenergy.com/poweringwhatsnext.



Projects earn two awards

The Cassville Solar Project, together with eight of our other solar projects, recently received two honors for its sustainable development and thoughtful construction and operation plans.

From the planning stages on, we sought to construct these solar projects in a way that would benefit the environment, so we looked to the Envision Sustainability Framework from the Insitute for Sustainable Infrastructure (ISI). ISI since recognized us with its highest verification level, Platinum. In part, this is because we reached out to experts, the community and those who knew the land. Key stakeholders at the municipal and county levels expressed approval of the project and its execution because of our proactive communication approach, and because of economic, environmental and public health benefits surrounding the Cassville Solar Project.

It took more than 1 million union craft hours to construct the nine projects that made up this Wisconsin solar buildout, with a total capacity of 664 MW. We expect the projects will power approximately 174,000 homes annually. Together, they earned the distinction of Best Project in Energy/Industrial category from Engineering News-Record and Excellence in Sustainability.

Sign up for community solar

Are you interested in reducing your utility bills for the next two decades? The Alliant Energy[®] Community Solar Program allows customers to buy blocks of a solar garden and receive credits for the energy the projects generates over its 20-year life.





Community Solar – Janesville is comprised of 9,000 solar blocks you can purchase for \$337 each. A typical Wisconsin electric customer would need approximately 18 solar blocks to offset 100% of their average annual usage.

We expect the project to be operational in early 2025, at which point our subscribed Wisconsin electric customers will begin to receive credits. We anticipate subscribers will recoup their upfront costs after about nine years.

For additional information, visit alliantenergy.com/communitysolar.

Stay informed

We'll share additional updates, photos and details for the Cassville Solar Project online at **alliantenergy.com/cassvillesolar**.

