

Wood County Solar Project

August 2022 • Newsletter

BY THE NUMBERS

Percent Complete

Piles.....	100%
Trackers.....	100%
Panels	100%
Electrical	95%
Substation.....	100%
Gen-Tie Station.....	100%

Visit alliantenergy.com/woodcountysolar for more details and updates.

Learn More

Alliant Energy is leading the transition to a clean energy future through the Wood County Solar Project and 11 other utility-scale solar projects across Wisconsin. In total, Alliant Energy plans to construct nearly 1,100 MW of solar energy by the end of 2023. Learn more about this plan at alliantenergy.com/poweringwhatsnext.

Inside:
Updates from the project site.



CONSTRUCTION UPDATE

Panel installation at the Wood County Solar Project is complete as all 388,350 solar panels are now in place on the tracking systems. The final touches on electric cable installation are currently underway. This includes the direct current (DC) wiring run. This process includes: Cabling each row of solar panels together, connecting them to the combiner boxes and wiring the combiner boxes to the inverters.

American Transmission Company, a partner in energy delivery across Wisconsin, has back-fed electricity to the project, allowing us to begin testing and commissioning. During this stage, we isolate the various aspects of the project to ensure they work as intended. The solar panels will begin generating electricity in groups, and that electricity will flow into the combiner boxes, through the inverters and to the substation.

As each section of the project passes the commissioning phase, the Wood County Solar Project moves another step closer to becoming operational. As of early July, crews were just beginning to commission the equipment. Additionally, as project work is completed, we've begun to move the construction staging locations and job trailers. We've also planted more areas with native grasses. All these steps are on track.

The bottom line: **We expect the Wood County Solar Project to be operational this October.**



We've installed rain guards on the inverters to protect electrical equipment from water damage.



We're restoring and seeding sections of the project that held job trailers and parking areas.



Solar panels await testing in the final months of the project.

SOLAR AND BATTERY ENERGY STORAGE

At Alliant Energy, we are constantly looking for new ways to serve customers and build stronger communities by accelerating our transition to renewable energy. As the electric grid continues to evolve, we are leading the way with new and innovative solutions – all while reducing reliance on fossil fuels and avoiding costly infrastructure upgrades.

Recent advances in battery technology have enabled new projects to deliver greater efficiency, safety and affordability. Just like the batteries found in your cell phone, laptop or TV remote, utility-scale battery storage systems deliver energy to power our lives when we need it. And when paired with renewable resources like wind and solar, energy storage solutions help diversify our generation portfolio, improve reliability and meet customer needs.

Batteries allow us to capture and store power from the grid at times of the day when demand is low and release it when needed to power homes and businesses. We continue to explore opportunities to develop battery storage alongside renewable energy facilities, like the Wood County Solar Project, to help optimize the way we deliver electricity to customers.

We see enormous potential for battery storage systems as we continue to accelerate our transition to safe, reliable and cost-effective renewable energy. To learn more about battery storage, visit www.alliantenergy.com/battery.

STUDENTS CHECK OUT THE PROJECT SITE

The Wood County Solar Project hosted two educational site visits over the past few months.

On April 19, roughly 30 students in Mid-State Technical College's renewable energy program and IBEW apprentices returned as our guests. This was their second visit since construction began. In this visit, they learned about the site's progress, the solar panel installation process, and Alliant Energy's efforts to advance a clean energy future. After a safety presentation, the students spent some time learning what had happened on-site since their first visit in November. They also took a brief tour to see the panels and inverters up close and learn more about photovoltaic systems.

In May, we hosted Nekoosa High School's Building Trades class of around 10 students. These students had an opportunity to learn what it takes for a project to run on time and on budget. They came to the right place!

With completion of the Wood County Solar Project in sight, we are proud that construction will have taken just over one year while remaining on budget, a tall task in the current climate. This allows our customers to avoid excess costs in both the short and long term!

Mid-State Tech students look at an inverter during their visit.



Alliant Energy

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Find Out What's Next

For additional updates, photos and details about the Wood County Solar Project visit alliantenergy.com/woodcountysolar.

Learn More

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Learn more at:
alliantenergy.com/poweringwhatsnext

Sign up for Email

Sign up to receive updates via email. You'll get faster updates, and it's better for the environment (no printing or delivery means you save paper and reduce carbon emissions). Contact info@woodcountysolar.com to request newsletter e-delivery.

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