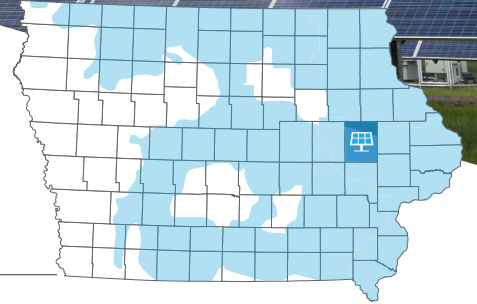




Alliant Energy's

Duane Arnold Solar Project

November 2024 update



The 200-megawatt (MW) Duane Arnold Solar Projects 1 and 2 in Linn County, Iowa, are part of our **Clean Energy Blueprint**, a strategic roadmap to cost-effectively accelerate our transition to renewable energy and reduce carbon emissions. Once complete, the projects will positively impact the environment and generate enough energy to power around 40,000 homes annually.

Construction update

The first phase of the Duane Arnold Solar Project is already generating clean energy for our customers. We're working to complete the second phase by the end of the year.

All the equipment is in place, including piles, trackers and panels. We've now begun testing to ensure everything works properly to generate electricity for Iowa homes and businesses.

We've planted native grasses and pollinator habitat throughout the solar arrays. We plant low-growth grasses between the rows of panels; this reduces the need to mow and provides soil health and groundwater benefits. Pollinator habitat grows on the outskirts of the project area.

With activity around the site winding down, our goal is for these grass and pollinator mixes to take root this fall and prepare for next spring. The vegetation may take a few years to become fully established.

We expect all 200 MW of the Duane Arnold Solar Project will be in operation by the end of 2024.





Creating a pollinator-friendly habitat

Supporting a diverse, pollinator-friendly habitat that builds soil nutrients and strengthens local wildlife is a key goal of our Clean Energy Blueprint. We planted native grass and seed mixes at this site to do just that.

The Duane Arnold Solar Project site uses a specially selected mix of grass and seed varieties to promote a safe and healthy environment. The low-growth grass mix reduces the need for frequent mowing and maintenance. This mix of native vegetation is great for attracting pollinators such as bees, butterflies, moths and other beneficial wildlife populations.

Pollinator-friendly vegetation has been shown to prevent soil erosion, improve water quality, benefit high-value crops and decrease operating and maintenance costs. Additionally, a recent

Yale University study found pollinator habitats can result in higher energy output because they create a cooler microclimate that makes panels work more efficiently. All these benefits contribute to a more sustainable, reliable and environmentally friendly energy future.

To learn more about how we support pollinators, visit alliantenergy.com and keyword search, “Pollinator.”

Renewables are dependable in the winter

The energy grid is the intricate system through which energy is generated, transmitted, distributed and used. Solar energy adds flexibility to respond quickly to system changes.

The inclusion of solar and wind energy sources strengthens the energy grid by providing additional power sources that can keep energy flowing, even when other parts of the grid aren't performing. That means fewer power interruptions and more reliable energy service all year round.

Solar energy has been proven to work efficiently on sunny winter days. Bifacial panels generate electricity directly from the sun and through reflection from the snow onto the back of the panels.

Read more about renewable energy and its dependability at alliantenergy.com/solarinwinter.

Find out what's next

We'll share additional updates, photos and details for the Duane Arnold Solar Project throughout the construction process online at alliantenergy.com/duanearnoldsolar.

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