



Big Muddy Solar Jackson County, Illinois

Bringing Solar Powered Energy to Illinois

Arevon is partnering with local landowners to develop Big Muddy Solar, a 124 megawatt (MWdc)/95 megawatt (MWac) project in Jackson County.

Big Muddy Solar will generate enough renewable energy to power more than 24,000 Illinois homes. The project will provide local economic benefits and deliver more than \$12.6 million in property tax payments over the life of the project, supporting schools and services while creating a new source of homegrown electricity.

Our team will work with residents and officials to align the project with the long-term goals and interests of Jackson County. Learn more about the project at bigmuddysolar.com.

Contact

Wanda Phillips, Local Representative
(618) 720-0035
info@bigmuddysolar.com

Project Office

1340 Walnut Street, Murphysboro, IL 62966
Tuesday 12 p.m. to 4 p.m. (CST)
Friday 8 a.m. to 12 p.m. (CST)

Project Location



Solar Facts

- > Project will be sited on private land leased by local landowners.
- > Solar panels will be ground-mounted and tilt to follow the sun.
- > Project team has extensive experience safely operating solar projects across the U.S.
- > The project will deliver a reliable supply of renewable energy to Illinois.
- > The project has an estimated lifetime of 30 years.
- > Construction is expected to start around fall 2025 and reach operation around the end of 2026.

Economic Benefits for Jackson County

- Big Muddy Solar represents a more than \$198 million private investment and will create an estimated 250 jobs during the project's construction.
- The project will disperse more than \$12.6 million in property tax payments to Jackson County over the project's life.

Responsible Stewardship of Land

Arevon will work with state and county officials, in addition to local landowners, to ensure that our vegetation management protocols meet and exceed established standards.

- Planting perennial grasses and pollinator-friendly groundcover reduces stormwater runoff and erosion. Increasing pollinator species in the area can increase crop yields on nearby agricultural operations.
- Solar projects enable soil to recharge while supporting habitat for birds and insects.
- The project site will be restored to its previous condition at the end of the project life, which is estimated to be 30 years.
- The project will use solar panels with the same technology that has been safely installed on homes, schools, and farms for decades.

Quiet Neighbor

- Solar projects place little to no demand on municipal resources such as schools, hospitals, or police forces while still contributing to the tax base.
- The project's solar arrays will have a low profile, standing less than 12 feet from the ground.
- Solar projects have little to no sound outside of their fence lines.
- Solar projects have minimal water use, no health or safety concerns, and zero odors or emissions.

Community Engagement

- Arevon is dedicated to being a good neighbor and giving back to the communities we work in. Big Muddy Solar donates monetarily to philanthropic causes in the community and dedicates time volunteering with different local organizations.
- Big Muddy Solar is engaging with local school districts, fire departments, nonprofit organizations, and other local groups and events. The project team will continue to support community organizations throughout the life of the project.

24,000+

Illinois homes could be powered by Big Muddy Solar.

Project Highlights

- > Project will include native plants that benefit agriculture and wildlife.
- > Solar is now one of the lowest-cost ways to generate electricity, thanks to advancements in solar technology.



About Arevon

- > Arevon is a U.S. energy leader committed to powering America with affordable, reliable, and secure homegrown energy. Headquartered in Scottsdale, Arizona, and with a regional office in New York City, the company's experienced and dedicated team develops, finances, builds, owns, and operates renewable energy projects nationwide. With a strong track record in utility-scale solar and energy storage, Arevon is a trusted partner to utilities and businesses seeking cost-effective, sustainable energy solutions. By prioritizing American manufacturing and domestic energy production, the company invests in U.S. jobs, strengthens local economies, and advances the country's energy independence. Learn more at arevonenergy.com.

