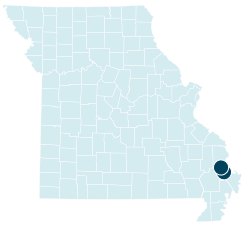
AREVON. KELSO SOLAR



Kelso Solar Project

Affordable, locally built power

Overview[1]



Kelso is a two-phase American energy project located in Scott County, Missouri, that has been in commercial operation since 2025. The facility is helping meet our country's rapidly growing demand for electricity by delivering reliable, affordable, locally generated energy. It is strengthening the local economy and supporting public services through tax revenue, job creation, and long-term investment, while providing the electric system with the capacity needed to keep Missouri homes and businesses powered.

The Kelso project shows how solar can be an economic game changer for rural communities. The project increases total county tax revenue by 10%, with a significant share supporting Scott County schools and helping reduce the need to raise taxes to fund essential services.

Technology
Solar

Status
Operation

Size
430 MWdc/349 MWac

Location
Scott County, Missouri

Commercial Operation Date
2025

Annual Energy Production
62,000+ Missouri homes can be powered each year

Community Benefits

$62 Million
Property Tax Payments[2]
Providing revenue for local schools, roads, and public services

450+
Construction Jobs
Supporting competitive wages with a focus on local hiring

Protecting What Matters Most

Leased Land, Preserved
Avoiding permanent changes while protecting the land for future generations

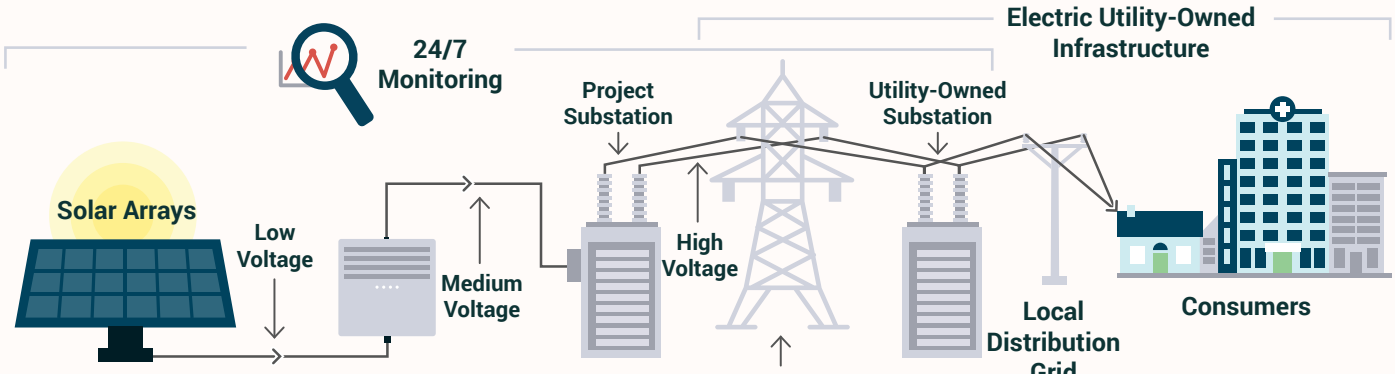
8.6+ Billion Gallons
Water Saved Annually
Conserving vital resources

612,000+ Metric Tons
CO_2 Emissions Avoided Annually
Improving public health

[1]Calculation information is available in Arevon's Disclosures and Methodologies. https://arevonenergy.com/wp-content/uploads/2026/05/Arevon-Disclosures-and-Methodologies.pdf
[2]Estimated cumulative payments over the life of the project.

How a Solar Project Works

Utility-scale solar projects generate enough electricity to power tens of thousands of homes, and feed it into the electric grid — similar to traditional power plants except without burning fuels to create electricity. For decades, utility-scale solar has delivered reliable, cost-competitive power, offering businesses and consumers a stable and sustainable energy solution.



Photons from sunlight absorbed by **solar panels** is converted into direct current (DC) electricity, which is sent to a **power conversion system (PCS)**. Solar panels are organized into **arrays**, or rows, that consist of multiple panels working in unison.

PCS

The **PCS** includes **DC/AC Inverters** that convert the DC power to alternating current (AC) power. A **medium-voltage transformer** allows the AC power to be combined and travel to a **project substation.**

Electrical Transmission System

The **project substation** is where the AC power from the solar project is collected, increased by a high-voltage transformer for efficient transmission, and then **connected to the existing electrical utility grid transmission infrastructure.**

Commitment to Safety

Solar energy is one of the safest forms of power generation available, utilizing durable, weatherproof, and glare resistant panels. Arevon procures solar panels that pass strict testing protocols under the U.S. Environmental Protection Agency's Toxicity Characteristic Leaching Procedure to ensure that, even if damaged, the panels are nonhazardous to people and the environment.

Community-First Approach

At Arevon, we don't just develop energy projects — we show up, we listen, and we act as partners to the communities that make them possible. That means more than delivering electricity. It means supporting local priorities through volunteering, event sponsorships, and direct community investments.

As part of our long-term commitment, Arevon allocates a portion of each project's capital cost to community benefits. We focus our resources on three key pillars: alleviating food and housing insecurity, supporting education with a focus on science, technology, engineering, and mathematics (STEM), and promoting public health and safety.

Responsible Land Stewardship

Our projects utilize the land responsibly to provide a reliable source of domestic energy, while preserving it for future options such as farming and preventing more permanent and intensive development. At Kelso, the ground beneath the panels was planted with a mix of perennial grasses and flowering plants selected for the local soil and climate. The vegetation helps stabilize the soil, prevent erosion, and create habitat for pollinators and wildlife.

About Arevon

Arevon is a U.S. energy leader committed to powering America with affordable, reliable, and secure homegrown energy. Headquartered in Arizona, and with a regional office in New York, 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. For more information, visit arevonenergy.com.

Scan the QR code to learn more about the project.

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