PALOMINO SOLAR ENERGY PROJECT

The proposed Palomino Solar Energy Project is a 200 MW_{AC} solar photovoltaic facility located near Lynchburg in Highland County, Ohio.

The study area is close to 2,700 acres, however the project would occupy closer to 1,400 acres. It will consist of ground-mounted solar panels to deliver electricity to the PJM regional power grid where corporate demand for solar energy is expected to increase by a factor of 14 by 2040. The Palomino Solar Energy Project will produce the equivalent of about 40,000 Ohio households' yearly needs.

INNERGEX

Renewable Energy.
Sustainable Development.

COMMUNITY

Being a good neighbor is a priority for Innergex Renewable Energy ("Innergex"). We have a long and successful track record in developing and operating high-quality, environmentally responsible, and socially acceptable renewable energy projects around the world.

Over the life of the project, we expect the Palomino Solar Energy Project to have a significant positive impact on the local community. Upon commissioning, the Project will make a long-lasting contribution to the county, townships and school districts of approximately $1.8 million per year during the project's 30 year lifespan. Furthermore, landowners participating in the project will receive direct compensation in the form of long-term lease payments or land purchase payments.

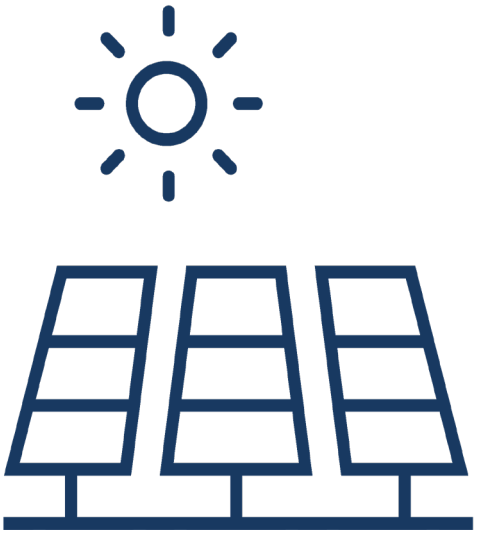
ENVIRONMENT & LAND USE

Innergex takes its environmental responsibilities very seriously. Our facilities are developed and operated with strict adherence to environmental codes and best practices. Furthermore, since solar energy facilities do not consume water to generate power, unlike fossil fuel-based forms of power generation, there is no impact on availability or quality of local water supplies.

We have conducted a careful study of the solar resource and potential local impacts the facility could have. Innergex is working with participating landowners to develop the most appropriate and lowest-impact facility design for the site. Careful consideration is given to minimize deforestation and avoid protected wetlands, therefore the most commonly used lands are agricultural.

Parcels are leased by farmers who will receive a steady revenue that typically exceeds their expected crops profits, thus diversifying and increasing their total income. This improves chances that farms can remain within families and thus enhances agriculture's resilience in the county. At the end of the project's useful life, the land can be returned to farming and the decades of fallow will have made the land even more productive. In some instances, sheep grazing can occur, providing both food and revenue for local livestock farmers.

PROPOSED SOLAR PROJECT IN HIGHLAND COUNTY



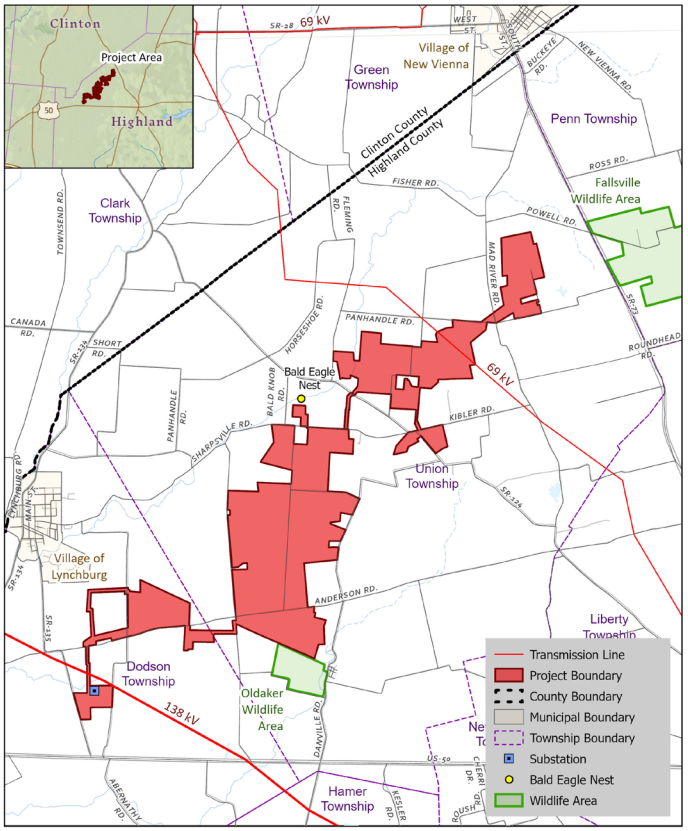
PERMITTING & CONSTRUCTION

The application for a Certificate of Environmental Compatibility and Public Need with the Ohio Power Siting Board ("OPSB") was filed in Q1 2022. As part of the permitting process, Public Information Meetings were held in March and June 2021 where we collected feedback from the community.

Project construction is expected to start in the second half of 2023. Following a 12-14 month construction period, project commercial operations would commence in 2025.

ABOUT THE PALOMINO SOLAR ENERGY FACILITY

The planned 2,700-acre site consists of ground-mounted solar photovoltaic els arranged in rows on single-axis tracking devices (to track the path of the sun) across approximately 1,400 acres. The panels are supported by posts driven into the ground, thereby avoiding the use of concrete on farmland. Other equipment on site will include approximately 60 inverters (where direct current – DC is converted to alternating current AC), an electrical substation, underground and overhead electrical cables, and access roads. There are likely to be somewhere between 500,000 and 600,000 panels depending on the module we select with the capacity to generate 260 MW_{DC}, or up to 200 MW_{AC}. Power will be interconnected to an AEP 138-kV transmission line and into the PJM grid. Power will be purchased off the grid serving the needs of corporations, electric utilities and their customers.



PROJECT STAGES

1

IDENTIFY LOCATION

SECURE **LAND AGREEMENT**
with local landowners.

2

CONTRACT TO SELL POWER

TO NEGOTIATE A **POWER PURCHASE AGREEMENT.**

3

ENVIRONMENTAL APPROVALS AND PERMITTING

REVIEW AND APPROVAL BY THE **OHIO POWER SITING BOARD.**

4

CONSTRUCTION

RELATIVELY QUICK STAGE
Can be completed in 12-14 months.

5

OPERATION

AN INITIAL
30-YEAR TIMEFRAME.

6

DECOMMISSIONING

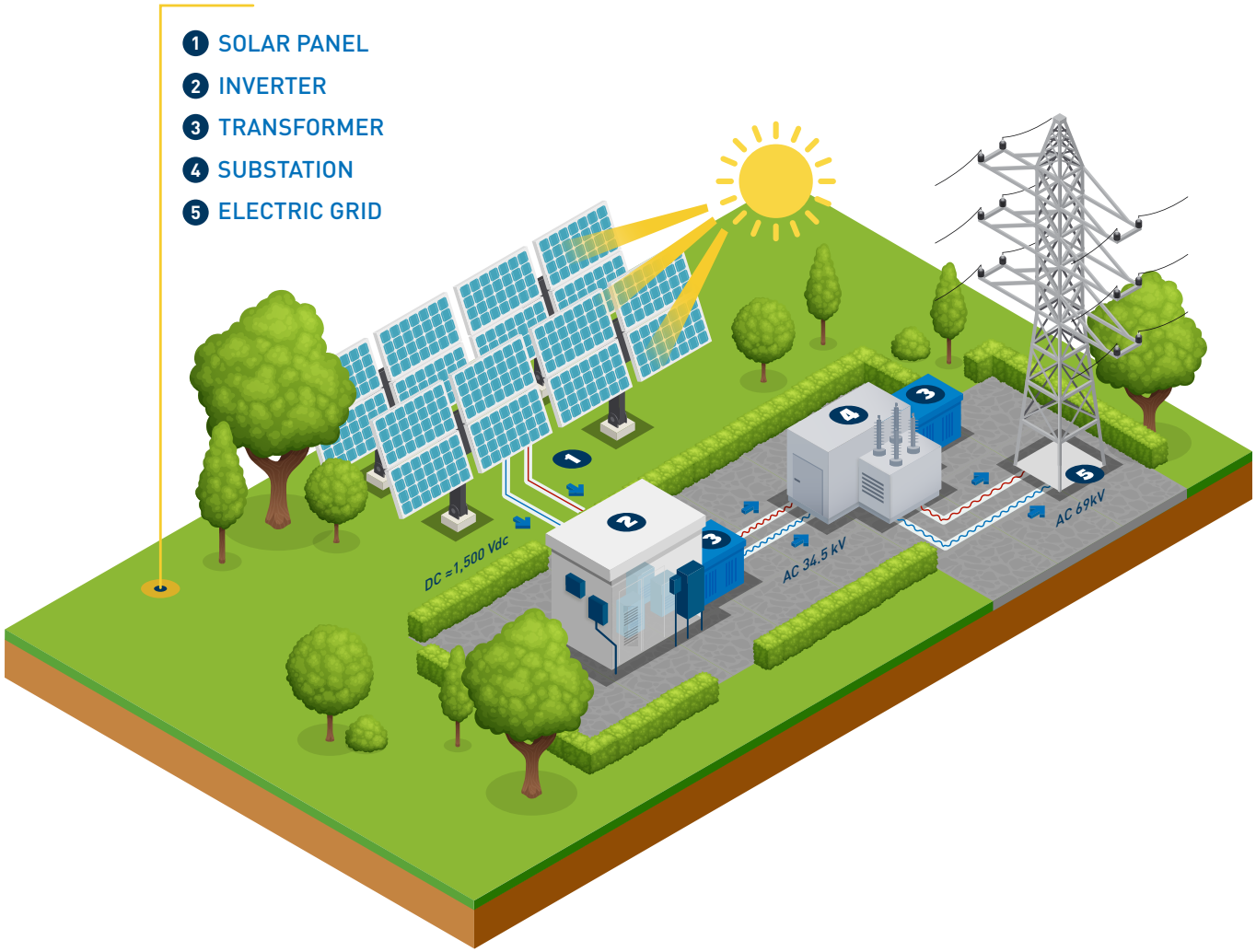
RETURN **THE LAND**
to its original state.

SOLAR POWER FACTS

Solar energy is the conversion of sunlight into usable energy forms. The sun's rays transmit light energy, in the form of photons, which can be converted to electricity using certain materials that naturally release electrons when exposed to light. Solar energy is the cleanest, most abundant renewable energy source available.

More information on solar energy is available at Innergex (innergex.com), the Solar Energy Industries Association (seia.org) and the International Energy Agency (iea.org).

SOLAR ENERGY SYSTEM
HOW IT WORKS



ABOUT INNERGEX

At Innergex Renewable Energy Inc., we believe in sustainable development that balances People, our Planet and Prosperity. We develop, construct, acquire, and operate hydro, wind, solar and energy storage facilities that we own for the long-term.

Founded in 1990, Innergex is a global leader with operations in Canada, the United States, France and Chile. Since our inception, working with communities has been key to our success. For over 15 years, Innergex has worked in the U.S. and is currently active in seven states. Our main office is in San Diego, CA with regional development offices in HI and TX.

FOR FURTHER INFORMATION

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