

Crystal River Solar 1 & 2 | Fact Sheet

Overview

The Crystal River Solar Projects 1 & 2 will provide cost-effective renewable energy, reduce the need for fossil fuels, and provide an alternative energy source to the region. Both projects, located on the Holcim Crystal River Quarry, will utilize land reserved for excavation in a long-term agreement to maximize the usefulness of the land in an environmentally advantageous way.



Long-term payments

Long term payments in the form of local taxes and lease payments to Citrus County and Crystal River Solar landowners.



Construction jobs

95 jobs or more for each project over 10 months of construction — heavy equipment operators, electricians, laborers, and many other types of construction contractors.



Economic jolt from those jobs

Increased demand for lodging, food services, gas, groceries, and other local services.



A new partner

Pattern Development will be a good neighbor, and will provide sponsorships and support for community groups and projects.



Project Details

Location and size

500 acres of land each for Crystal River Solar Projects 1 & 2 on the existing Holcim Crystal River Quarry.

Power output

Crystal River Solar Projects 1 & 2 will each generate 74.9 MW of electricity, enough to power roughly 15,000 homes.

Funding source

The project development is funded with 100% private capital. Like nearly all infrastructure in the U.S. (including oil and gas), the project owner will receive a federal tax credit for a portion of the project value. For solar, this is called the Investment Tax Credit.

Useful life

At least 30 years. Panels and other project infrastructure will be removed afterward, and the site will be returned to Holcim for mining activities.

Schedule for the project

Construction to begin by end of 2019. Major work for the first project will conclude by end of 2020.

About Solar Energy

- » Solar is a cost-effective, cost-competitive generation source, utilizing free fuel.
- » There's enough solar energy hitting the Earth every hour to meet all of humanity's power needs for an entire year.
- » The U.S. now has 60 gigawatts of total solar capacity — enough to power 11.3 million homes.
- » With more than 2,290 megawatts in installed solar capacity, Florida is the eighth highest among all states.
- » Solar farms provide important new tax revenue local services, while requiring few community resources.
- » Solar produces energy during the day, when customers are using electricity.
- » The cost of solar panels has dropped 99% since 1977, and 80% since 2008.
- » In 2018, a new solar panel was installed in the U.S. every 100 seconds. Over the past decade, solar installations have increased 59% per year.

Our Company

Pattern Development is an independent renewable power company, based in Houston, that specializes in developing wind, solar, and transmission projects along with advanced energy technologies. Our mission is to transition the world to renewable energy.

We are driven by three core commitments

Community and Culture

We become part of every community that welcomes our team and our facilities. We understand that being good neighbors — from the beginning of the project to its completion — will benefit the communities, and our work.

Health and Safety

We work to ensure the safety of the public, our employees and everyone who works with us.

Protecting the Environment

We consider ourselves a steward of the environment. We work to exceed industry standards for mitigating environmental impact as we produce clean, renewable energy for our customers.

