

Welcome

The Shoals Renewables Public Information Session

Thank you for coming.
We look forward to
visiting with you.

Your questions and
comments are
important to us.



Stay in Touch

The Shoals Renewables

Pattern Energy equally commits to listening to and respecting the landowners and communities that host our projects through relationship building, open communication, and the reception of feedback. We encourage you to call or email our team to start a conversation.

Community Outreach

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314.720.2198

Media Inquiries

Matt.Dallas@PatternEnergy.com

Project Information

TheShoalsRenewables.com



About Pattern Energy

The Shoals Renewables

Pattern Energy is a leading developer, operator and owner of renewable energy infrastructure projects and facilities across North America. Our mission is to transition the world to renewable energy through the sustainable development and responsible operation of facilities with respect for the environment, communities, and cultures where we have a presence.

Our approach begins and ends with establishing trust, accountability, and transparency. Our company values of creative spirit, pride of ownership, follow-through, and a team-first attitude drive us to pursue our mission every day. Our culture supports our values by fostering innovative and critical thinking and a deep belief in living up to our promises.

Headquartered in San Francisco, Pattern has a portfolio of power facilities and transmission assets producing and transporting nearly 6,000 MW of power across North America, serving various customers that provide low-cost clean energy to millions of consumers.

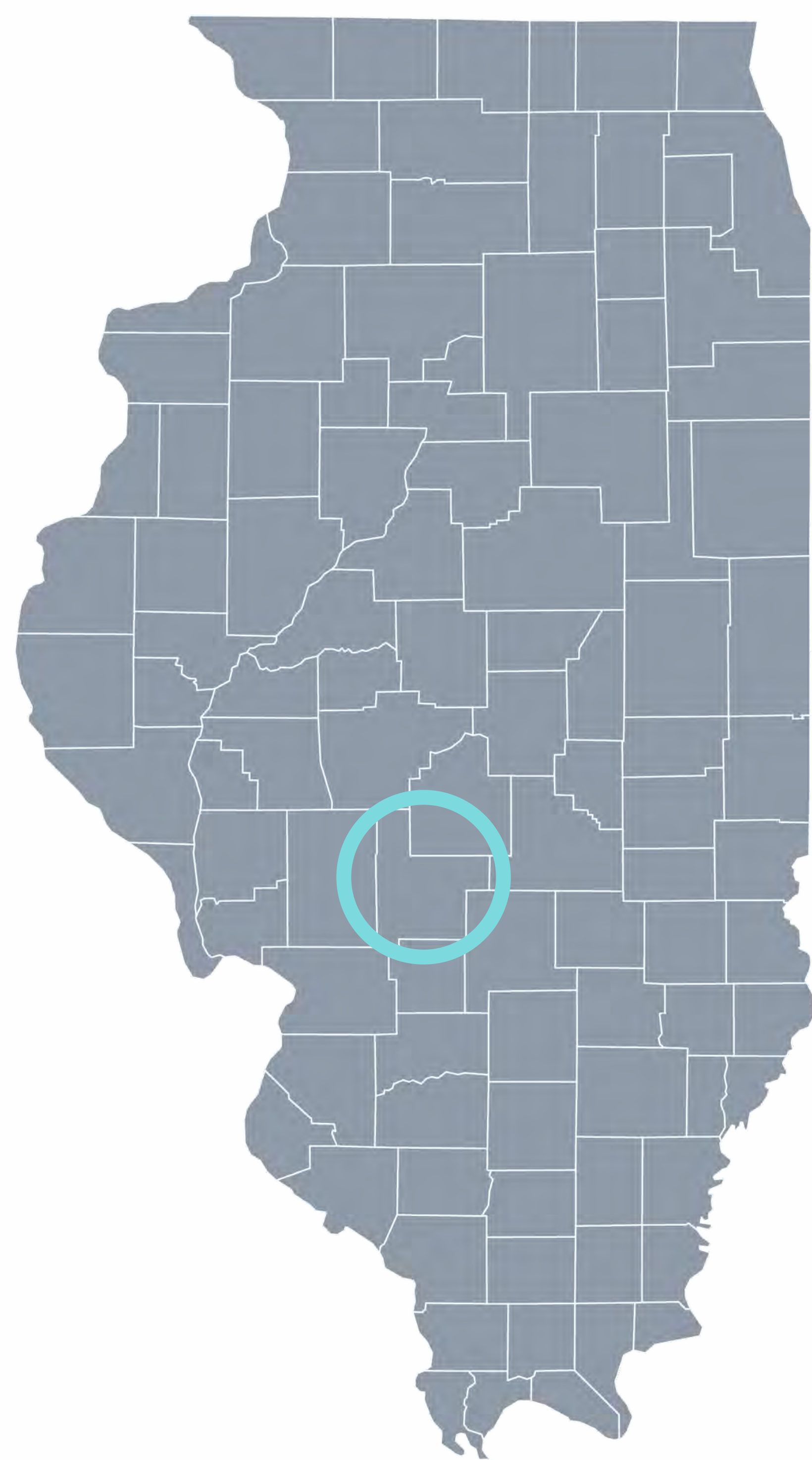


Project Overview

The Shoals Renewables

About The Shoals Renewables

The Shoals Renewables is a \$1 billion investment in Montgomery County, aimed to bring widespread economic growth to the area. Designed as a 500 MW wind energy facility and a 500 MW solar energy facility, The Shoals Renewables will provide safe, affordable, and renewable electricity to power the needs of more than approximately 280,000 homes yearly.



Forging a Clean Future Together

The Shoals Renewables will create 500–700 construction jobs, including equipment operators, electricians, laborers, and more. We prioritize hiring locally when possible. Once operational, permanent staff will operate and maintain the facility. Renewable energy facilities provide a unique opportunity to power our country’s economy and workforce, and we look forward to creating new jobs for America’s energy industry.



Investing in Montgomery County

The Shoals Renewables represents millions of dollars in tax and lease payments over the lifespan of the project. Over decades, The Shoals Renewables will add millions in new tax revenue and landowner payments to Montgomery County during the construction and operational phases. This boost to the local economy means added stability for our host farmers and steady revenue for the local tax base.

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A New Opportunity for Montgomery County Landowners

We are proud to be working with Montgomery County landowners to develop The Shoals Renewables. We believe landowners should be able to use their land how they see fit, including hosting a renewable energy facility that creates American-generated clean energy. Throughout the lifetime of the project, landowners will receive, collectively, millions of dollars in landowner payments, adding a new source of income to power the future generation and secure their land.

Landowner Testimonials

The Shoals Renewables

“Since joining the community in 2017, Pattern has been respectful to the community atmosphere, and truly had a positive impact on the residents

Doug Jones

Mayor, Town of Oyen



“The support [we have] received from Pattern Energy’s Ocotillo Wind project since 2013 has been instrumental to our ongoing success.

Kristin O’Lear

Executive Director, Imperial Valley Desert Museum

“Pattern is a great community partner beyond just wind, and that has really made a huge difference in our community. They back up their principles, and we really appreciate that.

Manley Jackson

Landowner

“This project will secure our land for the foreseeable future... This is set revenue for the next 30 years. For those of us that live here, and have been here a long time, this is a godsend.

Joseph Hindi

Landowner

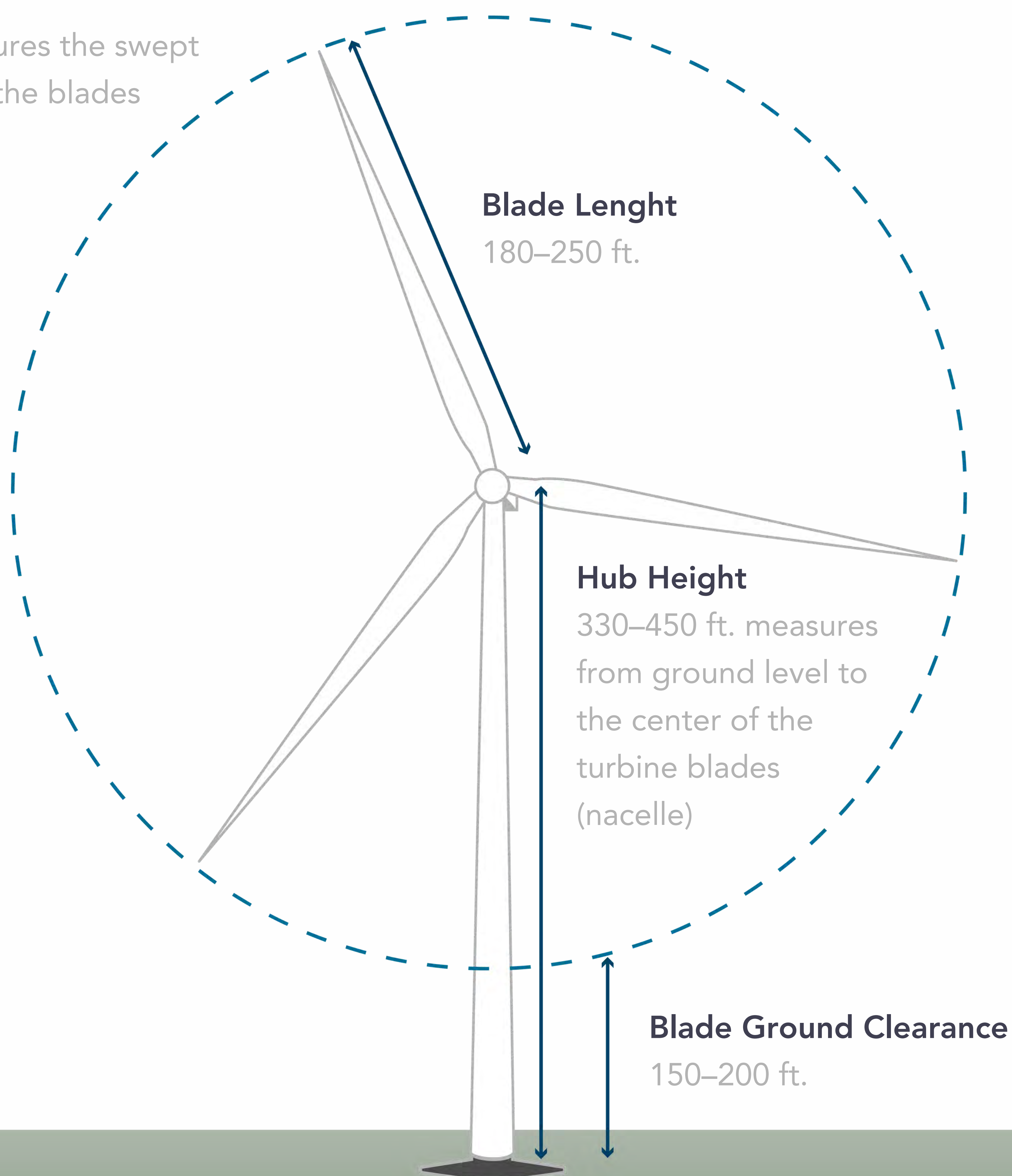
Turbine Technology

The Shoals Renewables

Wind can be harnessed to transform kinetic energy into electrical energy. Wind turbines do this with blades mounted on towers, which are turned by the wind, causing them to turn a shaft that is attached to a generator. This creates an electrical current that is carried by cables to the electric grid that connects to your home.

Rotor Diameter

390–525 ft. measures the swept area diameter of the blades



Solar Panel Features

The Shoals Renewables

A. Frame

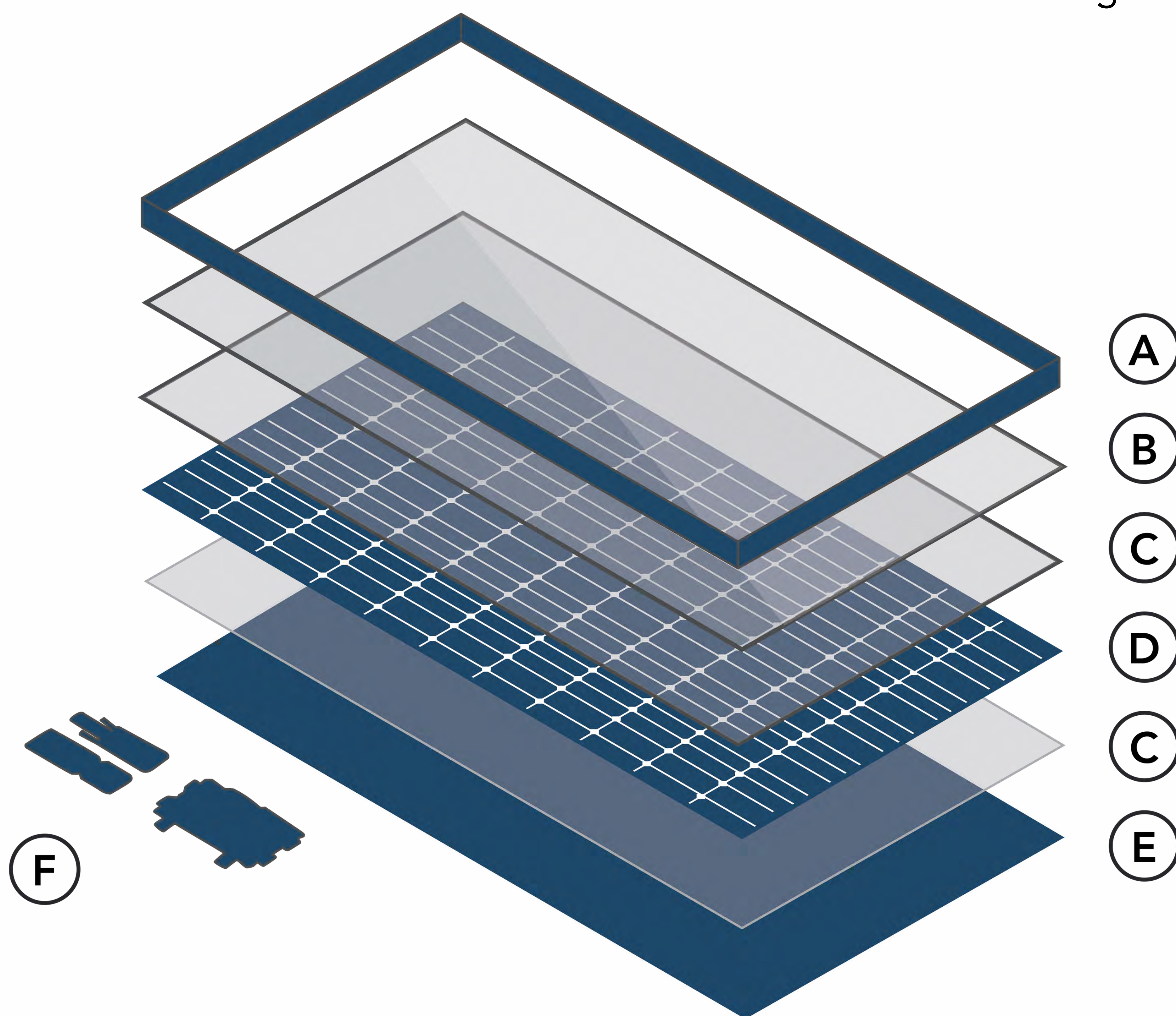
Made of anodised aluminum, the frame provides structural rigidity to the panel, protecting it from outdoor elements, and enables easy installation.

B. Glass

Glass protects the top side of the panel while allowing an optimal amount of sunlight to reach the cells.

C. EVA (2 layers)

Ethylene-vinyl acetate (EVA) is the glue that binds all the components of the panel together and prevents water, dirt, and other elements from reaching the cells.



D. Cells

The engine of the panel, the solar cells are where sunlight is converted to electricity.

E. Backsheet

Glass protects the top side of the panel while allowing an optimal amount of sunlight to reach the cells.

F. Junction/Connectors

The junction box transfers the electricity produced by the cells to the greater solar array via cables and connectors.

Portfolio Map

Pattern Energy



Projects and Facilities

	WIND	SOLAR	STORAGE	T-LINE	H2
OPERATIONAL					
DEVELOPMENT					

Corporate Offices

- Headquarters
- Office