

Energy Storage

Our Mission

174 Power Global provides clean, 100% renewable energy by partnering with responsible landowners, community members, investors and industry stakeholders in the U.S. to build solar generation and energy-storage facilities.

How Does Energy Storage Work?

Energy storage provides a flexible, balanced and carbon-free energy solution powered by renewable energy.



ENERGY SOURCE

Electricity is generated and stored in batteries.

ENERGY STORAGE

Rechargeable battery systems store electricity.

ENERGY DISCHARGE

Electricity from the batteries is bought by the utility during peak demand periods to stabilize the grid.

ENERGY USE

Electricity is consumed by homes and businesses.

How it Looks



CONTAINERS

Weatherproof housings for batteries and controls.

COOLING SYSTEM

To ensure optimal performance, the temperature inside the containers is regulated.

BATTERY RACKS

Energy is stored in rechargeable batteries prior to be deployed to the grid.

TRANSFORMERS

Low voltage energy is converted to grid-compatible high voltage energy.

SENSORS AND CONTROLS

Remote monitoring ensures around-the-clock safe operation.

What to Know



PROCESS

Start with a paid-option agreement while project development takes place.



TERMS

The initial development is performed under the lease period, followed by a long term lease as project construction advances.



SITE CONTROL

During the option period, the landowner maintains full control and use of property and grant land access to 174 Power Global for testing and required due diligence.



SITE PLANNING

174 Power Global will work with landowners to define project boundaries and minimize impact to adjacent properties.



HOW MUCH LAND?

While project sites vary in size, most occupy less than five acres.



COMPENSATION

Landowners will be paid promptly upon signing of option agreement and pre-paid annually until the lease or purchase options are exercised. Market-based compensation is determined by the facility size.



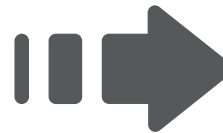
DEVELOPMENT ACTIVITIES

174 Power Global will dedicate the resources necessary to advance the project with minimal impact to the landowner. Development includes design, permitting, interconnection and power marketing.



LAND AT THE END OF TERM

Containers, batteries, racking systems, inverters, transformers and roads will be removed and the property will be returned to its original state.



GETTING STARTED

If you believe your land is suitable for a battery-storage facility, contact 174 Power Global for a no-obligation, free preliminary consultation.

Why Partner with Us?

174 Power Global is owned by Hanwha Energy Corporation, an affiliate of Hanwha, a FORTUNE Global 500 Company.

174 Power Global has been named the nation's top solar developer by Wood Mackenzie.

We have decades of energy experience and an extensive U.S. portfolio.

We are a proven success story because of our trusted, long-term relationships.

