

Utility-Scale **Solar** Project Development

174 Power Global's utility-scale solar projects produce renewable, carbon-free energy and provide stable income for landowners.



SOLAR FARM

Solar panels capture sunlight and convert it into electricity.

TRANSMISSION LINES

Power lines move electricity from the solar farm to the substation.

SUBSTATION

The substation converts electricity to low voltage for consumer use.

ENERGY USE

Electricity is consumed by homes and businesses.



What does a Solar Project look like?

SOLAR PANELS (L7' x W3')

The sun's energy is captured by solar panels.

RACKING SYSTEM (L340' x H4')

Support solar panels and rotate solar panels throughout the day following the sun.



**Typical elements and sizes of solar farms components.*



INVERTERS

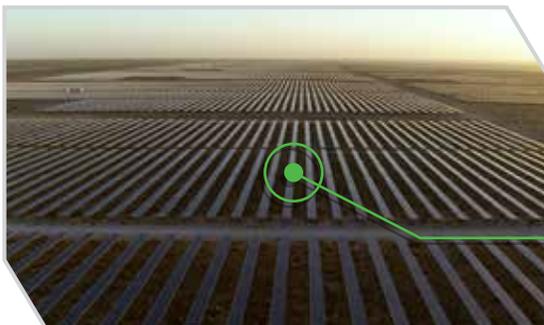
(L10' x W10' x H8')

Direct current (DC) is converted to alternating (AC) energy.

PROJECT SUBSTATION

(L300' x W300' x H70')

Facilitates link between solar farm and utility transmission network.



SOLAR FARM

Oberon Solar Farm, Ector County TX, developed and operated by 174 Power Global.



Why Partner with 174 Power Global?



COMPENSATION

Generate long-term income while contributing to renewable energy sustainability goals!

PEACE OF MIND

174 Power Global is a financially secure company owned by Hanwha Energy Corporation, part of the Hanwha Group that includes a FORTUNE Global 500 Company. It has been named the nation's top solar developer by Wood Mackenzie in terms of project size.

EXPERTISE

174 Power Global's team has decades of experience in developing, financing, constructing, and operating renewable energy projects.

DIVERSE PROJECT PORTFOLIO

174 Power Global has a proven track record of providing clean energy to utilities and the communities they serve. 174 Power Global's extensive portfolio contains operating assets, projects under construction, and numerous sites under development throughout North America.

COMMUNITY CENTRIC

174 Power Global is committed to partnering with landowners, community members, investors, and electric service providers across the nation to build solar farms that provide benefits to the communities where they are located.

What to Expect when Partnering with Us



OPTION PERIOD

5 years, Generally

- Landowner receives an annual option payment.
- Landowner enjoys current land use while allowing us access to accurately characterize site.
- We conduct development activities such as transmission studies, site design efforts, engineering studies, and biological/cultural surveys.
- We obtain necessary permits from agencies having jurisdiction, execute power purchase agreements with an offtaker, and secure transmission rights on the existing electrical grid.
- We conduct outreach to all stakeholders to ensure concerns are addressed at an early stage.



CONSTRUCTION PERIOD

2 years, Generally

- Landowner receives increased annual payment.
- Construction of project includes clearing, staging, building, testing and demobilization.
- We will minimize and mitigate impacts to landowners and neighbors during this period.
- Best practices are employed to safeguard the environment and the local community.
- We partner with construction companies who subcontract with local companies.



PROJECT OPERATION

At least 40 years

- Landowner receives increased annual payment.
- Site will be enclosed in a fence and will operate with minimal noise, traffic and visual impacts.



RECLAMATION PERIOD

Follows Project Operation

- Project equipment including panels, racks, and electrical equipment is removed.
- Project access roads are removed.
- Land is allowed to restore to its original state.

