



AT A GLANCE

Owners:	HINDUPUR SOLAR PARK PVT. LTD.
Ownership:	100%
Power Purchaser:	Southern Power Distribution Company of Andhra Pradesh Limited
Size:	40 MW(AC)
PPA Tariff:	INR 5.25 + 3% escalation per year for first 10 years
Lenders:	Yes Bank
Land Size:	195.7 acres
EPC Contractor:	Sterling & Wilson
Construction Duration:	6 months
Commissioned:	31st March 2016
Output:	~ 81.16 GWh per year
CO₂ Displacement:	64,000 metric tons annually
Homes Powered:	71,500 average Indian homes
Modules Used:	First Solar Series 4V2
Type:	FS 4110-2 & FS 4112-2
Quantity:	432,564 FS Modules
PCS:	ABB Inverters (PVS800-57-1000KW-C)
Type:	1000 kw
Quantity:	40 in number
Configuration:	Ground Mounted (6 High Structure)
Type:	Fixed Tilt
Tilt:	11 Degrees
Azimuth:	0 Degrees

The Hindupur Solar Power plant, located on over 195 acres of land in Hindupur Anantapur Distt, in Andhra Pradesh, highlights the immense potential of utility scale solar in assisting India to transition to a renewable energy future.

The 40 megawatt (MW) alternating current (AC) power plant, which is powered by 432,564 of First Solar's advanced thin film PV modules, will generate approximately 81.16 GWh of clean solar electricity per year. The plant generating electricity with zero emissions during operation will power 71,500 average Indian homes, and will displace over 64,000 metric tons of carbon dioxide equivalent emissions per year.

Commissioned in March of 2016, the construction of the plant was undertaken by the EPC, Sterling & Wilson. The power plant will supply electricity through the grid to the Southern Power Distribution Company of Andhra Pradesh Limited for a period of 25 years.

PROJECT TIMELINE



PROJECT LOCATION



PROJECT BENEFITS

- Clean energy
- Eco-efficient PV technology
- Less land use
- Will displace 64,000 metric tons of CO₂ equivalent emissions per year
- No water used for electricity generation
- Independence from fuel imports
- Supports job creation
- Development of local supply chain
- Drives innovation