

Kodangal Solar Plant

MAHABUBNAGAR DISTT., TELANGANA

PROJECT DATASHEET



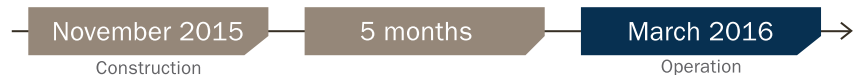
AT A GLANCE

Owners:	Winsol Solar Fields (Polepally) Pvt. Ltd.
Ownership:	100%
Power Purchaser:	Southern Power Distribution Company of Telangana Limited
Size:	10 MW(AC)
PPA Tariff:	6.9 INR/kwh
Lenders:	YES Bank
Land Size:	51.7 acres
EPC Contractor:	Sterling & Wilson
Construction Duration:	5 months
Commissioned:	28th March 2016
Output:	~ 19.15 GWh per year
CO₂ Displacement:	15,000 metric tons annually
Homes Powered:	16,500 average Indian homes
Modules Used:	First Solar Series 3 Black Plus
Type:	FS 397-Plus & FS 3100-Plus
Quantity:	121,140 FS Modules
PCS:	ABB Inverters (PVS800-57-1000KW-C)
Type:	1000 kw
Quantity:	10 in number
Configuration:	Ground Mounted (6 High Structure)
Type:	Fixed Tilt
Tilt:	13 Degrees
Azimuth:	0 Degrees

Located in Mahabubnagar District of Telangana, the 10 megawatt (MW) alternating current (AC) Solar plant will produce sufficient electricity to power 16,500 average Indian homes. The project has installed 121,140 of First Solar's advanced photovoltaic (PV) thin film solar modules, and will generate enough clean solar energy to displace approximately 15,000 metric tons of carbon dioxide (CO₂) annually. The power plant will supply electricity through the grid to the Southern Power Distribution Company of Telangana State Limited for a period of 25 years.

Construction of the plant was completed March of 2016.

PROJECT TIMELINE



PROJECT LOCATION



PROJECT BENEFITS

- Clean energy
- Eco-efficient PV technology
- Less use of land
- Will displace 15,000 metric tons of carbon dioxide equivalent emissions per year
- No water used for electricity generation
- Independence from fuel imports
- Supports job creation
- Development of local supply chain
- Drives innovation

CONTACT US

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