

About Tata Power Solar

Tata Power Solar is India's largest integrated solar company that is driven by a singular vision – harness the power of sun to enable solar everywhere. Headquartered in Bangalore, Tata Power Solar operates in three distinct segments – manufacturing of solar modules, EPC services for solar power projects and creating innovative solar products. We are working relentlessly to provide access to energy especially in the remote, off-grid parts of India, which makes us the most trusted solar power company in the country.

Key highlights

- 30 years of operations with more than 800 employees
- Touched nearly 40 million lives till date
- Positive environment impact through reduced carbon footprint by 10 million tons till date
- 1.8 GW of our best-in-class Tata manufactured modules exported till date
- EPC projects of 3.6 GW commissioned till date with lifetime O&M services
- 315 MW of solar rooftop projects commissioned with more than 15000 residential rooftop commissioned
- Solarizing a variety of industries, from manufacturing, telecom and education to military, healthcare and banking.
- A process-driven organization with international certifications - ISO 9001, ISO 14001 & ISO 18001.

Manufacturing fully integrated wafer to module

We are India's leading solar manufacturer operating 400 MW and 300 MW of module & cell manufacturing facility in Bangalore, which is providing high-quality solar components to power plants. We are a Tier-1 bankable module manufacturer, known for our high quality, efficient and reliable modules worldwide.

Rooftop Projects

We have executed over 315 MW of varied rooftop projects of numerous sizes across India. Having commissioned one of the World's largest and many complicated rooftop systems across the globe, we are the No.1 rooftop player in India 5 years in a row by BTI, enabling your idle roofs to generate green power.

We are running 100 city residential solar rooftop campaign #PledgeForSolar across the country, where we educate the consumers about the solar rooftop installation, its efficiency, eco-friendly nature and one time investment, which enable them to save INR 50,000/- per 5kW per year. We are the only player in the industry who provides a warranty of 25years of their installation.

Large scale projects and industrial solutions

Tata Power Solar has strong EPC expertise executing over 3.6GW of diverse projects of multiple sizes across India. We are at the forefront of the growing solar industrial solutions space, enabling companies to switch to captive solar plants to power their factories and businesses. Few of the important projects are mentioned below:

- We commissioned 70kW solar rooftop installation at India International Centre Delhi. . The project entails energy efficiency of 90,000 kWhr annually, along with reducing carbon emission by 63 tonne. This installation will help India International Centre to save 11 lakh INR on their electricity bill annually.
- We have constructed the largest carport in India at Kochi airport, with a total installed capacity of 2.68MW
- We have commissioned 820.8 kWp at Cricket Club of India (CCI), Mumbai in 100 days. The installation of this solar rooftop project helped to generate over 1.12 million electricity per year, which led to 25% of savings in the power consumption cost.
- We have carried out EPC work for the 12MW projects at the RSSB Educational and Environmental Society, Punjab, the largest rooftop solar plant in India.
- We installed 576+575 KW floating solar system at Tata Chemicals, Nellore Plant. Approximately 4,242 modules were installed at the project location, along with 21 (approx.) string inverters for the energy supply.
- We installed solar rooftop solution for Tata Steel Processing Limited plants across India. The overall capacity of the project was between 3-4 MW. The installation of the solar rooftop picked its base with 549KWp capacity installation in Pune and the tenure of this association is for 20 years. This project highlights the best-in-class technology and will help to generate over 40,50,000 kWh of electricity per year.
- We commissioned 100MW project under DCR for the National Thermal Power Corporation in Anantapur, Andhra Pradesh.
- We commissioned a largest Solar Power Project in India which is built on an Ash Dyke area that has 60% (19 MWp) in Ash Dyke area and 40% (11 MWp) in normal land. The unique thing about the project is that the construction of CMCS building has been done with fibre cement board, along with placing DC cable through HDPE railway crossing without any damage to railway line by Horizontal Directional Drilling.

Innovative products, making solar accessible

Tata Power Solar manufactures and distributes solar photovoltaic products for both rural and urban markets. Tata Power Solar has strategic alliances with government, renewable energy development agencies, non-profit foundations and grameen banks to provide access to basic amenities to those in need - water, light and electricity.

With a skilled team and advanced technology- driven organization, Tata Power Solar, in the last 29 years has revolutionized solar energy and its application by making it accessible and available to all – for a steel industry to hundreds of villages, which has limited resources and no access to grid-connected energy. Under the leadership of a dedicated team, Tata Power Solar is poised to continue its journey to harness the power of sun and enable solar energy for everyone. To know more about the company, please refer to our website: www.tatapowersolar.com

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