

# Rooftop Solar Turnkey Solution

- Roof Assessment
- PV Yield Assessment
- Tailor-made Solution for RCC & Sheet roofs
- Supply, Installation & Commissioning
- Assistance for availing Net-Metering, Government Subsidies, etc.,
- Assistance for Troubleshooting



Grid Paralleled Rooftop Solar PV Power Generation System installed in our Office Premises



## **AVANT-GARDE ENGINEERS AND CONSULTANTS (P) LTD**

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ISO 9001:2015  
BUREAU VERITAS  
Certification



SOLAR ENERGY SOLUTIONS | GROUND-MOUNTED PV SYSTEM | ROOFTOP PV SYSTEM

# SOLAR ENERGY



Solar PV Plant with Seasonal Tilt in Tamil Nadu



Concentrated Solar Power Plant in Rajasthan



Solar PV Plant with Seasonal Tilt in Karnataka

## Avant-Garde

We are an Indian multidisciplinary Engineering Consultancy company based in Chennai, providing Concept-to-Commissioning Consultancy services for Solar & Thermal Power, Sugar and Distillery Industries.

Over two decades of experience in implementation of Renewable Energy projects like Biomass based Power Plants, Bagasse based Co-Generation Plants, Municipal Solid Waste based Power Plants, Solar Power Plants and Waste Heat Recovery Systems.

## Services

- Feasibility / Bankable Detailed Project Reports
- Plant Layout, Project Design
- Basic Engineering Services
- PV Yield Assessment
- Owner's Engineering & Design Validation
- Detailed Engineering Services
- Preparation of Technical Specifications
- Procurement Assistance & Offer Evaluation
- Review of Vendor Drawings & Documents
- Project Management Services
- Third Party Inspection Services
- Site Supervision Services
- Lender's Engineering Services

## Our Strengths

- ✓ Serving the Industry for more than 25 years
- ✓ Cumulative capacity of Power projects executed worldwide have crossed 6.5 GW and more than 1 GW in Solar Projects
- ✓ Multidisciplinary organisation with in-house Experts in Civil, Structural, DC, AC, SCADA Monitoring, Module Cleaning, Ventilation systems, Project Management and Quality Control
- ✓ Planning, Simulation and Yield Assessment of Solar Power using PVSyst, SolarGIS, Meteonorm Software
- ✓ Tailor made Engineering services for Fixed, Seasonal Tilting & Single Axis Tracking systems
- ✓ More than 200 Workforce

Solar PV Plant with Single Axis Tracker in Madhya Pradesh

