

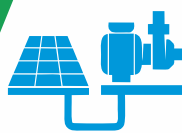
We make the
GREEN
Visible



SOUTHERN GLOBAL ENERGY
BE EARTH FRIENDLY



Solar Panel



Solar Pump



Solar Rooftop



Solar Inverter



SOUTHERN GLOBAL ENERGY
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10+ YEARS OF EXPERIENCE IN EXECUTING TURNKEY SOLAR EPC PROJECTS

- Solar Parks
- Solar Solution for PSUs and IPPs
- Large Rooftops

VALUE ENGINEERING

- Highly experienced design
- Project management
- Execution and O&M team
- Technology Agnostic



SPEED OF EXECUTION

On time project commissioning credentials to maximize ROI

ROBUST BACKGROUND

Proven track record of 12 years of the Group. More than one decades of proven track record of the group. One amongst the oldest players in EPC with impeccable track record in project execution.

PROJECT DEVELOPMENT

We have a dedicated in-house team for identification and acquisition of land-both lease and purchase.

IN-HOUSE FACILITIES

PV Module Manufacturing of Polycrystalline & Mono crystalline Modules, Inverter, Module mounting structures, and technological tie-up of Floating Solar, single axis trackers.

PROVEN EXPERIENCE

A solar energy powerhouse, backed by portfolio of few most significant projects in the country.

END TO END SOLUTION

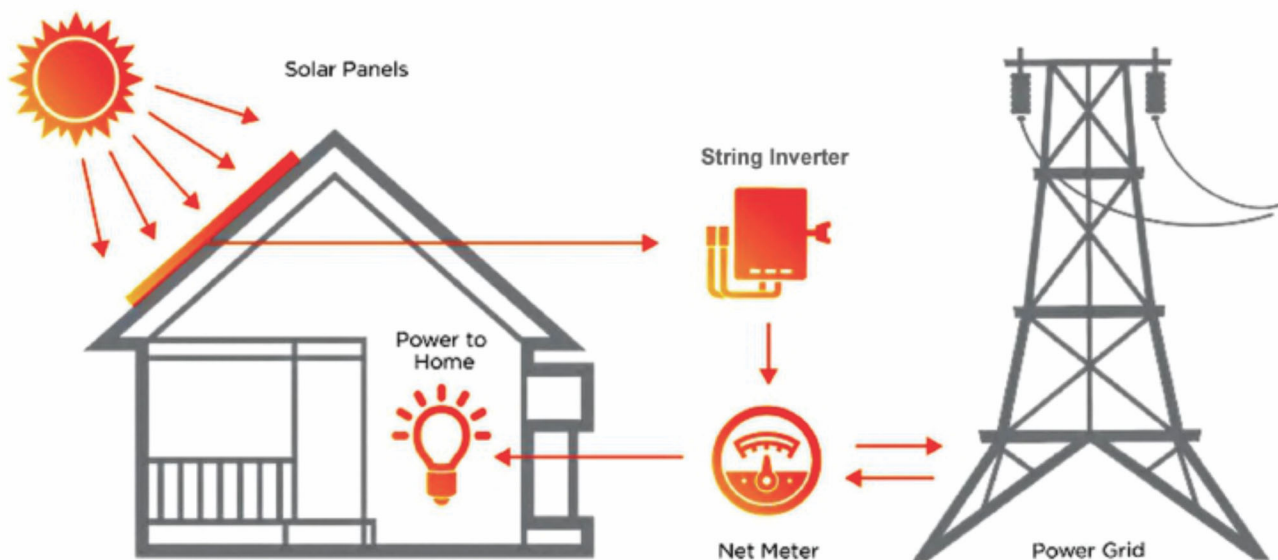
Complete assistance from Pre-PPA activities to financial closure in addition to technical EPC services.

EPC VALUES

At Waaree, our extensive experience across the EPC value chain helps us address the requirements of developers and promoters of off grid, on grid, hybrid solar power generation systems.



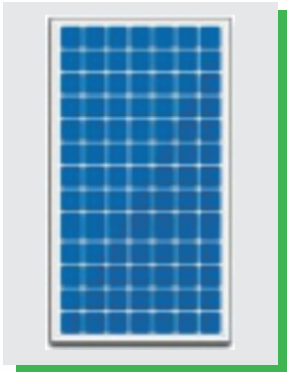
ROOFTOP SOLAR POWER NET / GROSS METERING



BENEFITS OF SOLAR NET METERING

- Utilization of vacant Roof top for power generation.
- Can generate power for itself - consumption and feed excess Power to the grid
- Provision for settlement of registered surplus energy fed to the grid on monthly basis.
- Surplus energy injected shall be considered for payment by the DISCOM
- (APSPDCL) at cost to serve price as decided by the APERC.
- Generation of Environmental friendly green energy.





Mono Perc Module

High performance

Maximized energy harvest

High reliable due to stringent quality control

over 300 in - house tests

Certified to withstand the most challenging environmental conditions



Inverter on grid

High Efficiency

Max. Efficiency 98.3%

Compact size

Easy installation

Reliable and safe

Stringent testing

High protection

IP65 enclosure

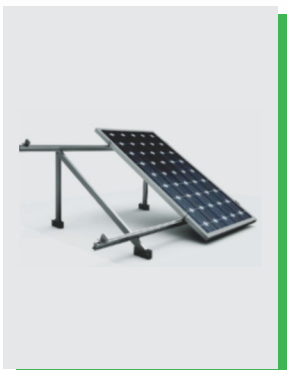


ACDB grid Box

IP65 indoor and outdoor

dustproof waterproof

Reliable and safe



Mounting Frame Solar

Reliable performance

optimized structure, high strength

Flexible installation

Additional components may be required for customization of roof tops

Save installation time

Provide complete set of mounting

OUR WORKMANSHIP



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SGE Innovative solar lighting solution contains the wide range of led based lighting solutions

SGE has designed economical solar lighting solutions to serve the exact need and quick return of investment.



Applications

- Gardens
- Parking Areas
- Parks
- Play Grounds
- Offices
- Schools
- Colleges
- Hostels
- Pathways
- Factory Lighting
- Farm House Lighting

**WORRIED ABOUT HUGE
ELECTRICITY BILLS FOR
LIGHTING YOUR OUTDOORS**

KEY FEATURES

- Back up mechanism for cloudy & rainy days
- 2 days autonomy
- Automatic dusk to dawn operation
- Low maintenance & weather proof
- No additional power required
- “Fit & Forget”

SOLAR ALL IN ONE STREET LIGHT

Model	Luminary	Panel	Li-Battery	Pole
SGE9	9W	30W	6 AH	5 MTR
SGE15	15W	40W	12 AH	5 MTR
SGE20	20W	40W	18 AH	5 MTR
SGE24	24W	60W	24 AH	5 MTR
SGE30	30W	60W	30 AH	5 MTR
SGE50	50W	100W	36 AH	6 MTR



SOLAR WATER HEATER – ETC

SPECIFICATIONS :-

- * Capacity : 100 LPD to 1000 LPD and their multiples
- * Collector type : vacuum tube technology with triple layer coating for maximum absorption of solar radiation
- * Hot water tank : SS-304 grade
- * Specially coated zinc aluminium outer body, special tank design eliminates the shabby looking air vents
- * High density puf injected with automatic machines
- * Heating from infrared rays of solar radiation
Minimum heat loss from the system due to evacuated tubes
- * Less maintenance, easy to clean and less space required
- * Suitable for boring hard water
- * Electrical back up heater – optional
- * Max temperature – 60°C



SOLAR WATER HEATER – FPC

HEAT PUMP



Combo of solar water heater & heat pump are ideal in places like hotels, villas, hostel, hospitals etc. where hot water is needed in large volumes. solar water heaters may not provide rainy and cloudy days. To overcome this problem the ideal solution is to connect a heat pump water heater to a solar water heater. This Combination system ensures and uninterrupted flow of hot water and in the most energy efficient manner. solar energy is used to heat the water and the heat pump provides hot water round the clock and through out the year irrespective of weather conditions.

- * Delivers Significant power savings
- * Stain less steel storage tanks-available in various grades, depending on local water quality
- * Hot water tank : SS-316 grade
- * Pressure : with stand capacity – 8 bar
- * Flat Plate collector with 100% copper fins coated in black for maximum absorption of solar radiation and effective heat transfer

SOLAR WATER HEATER



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AGRICULTURE FENCING

Fence is designed to protect agriculture crops from domestic and wild animals like monkeys, cows, buffaloes, bears etc. Fence design shall be exclusively to meet the targeted animals installed around the crop using existing posts. posts can be RCC, Stone etc duly grouted on the ground to carry fence strands along the perimeter. total number of strands, along the perimeter. Total number of strands, gap between stands height of the total number of strands, gap between stands height of the fence shall be designed based on the targeted animals.

SECURITY FENCING

Security Fence is designed to keep out from thieves, Major applications shall be protect Residences, Godowns, Manufacturing units, GateId Communities, Police stations, ect., from any intrusion. System will not only detect but also deny intrusion by giving a short, sharp and safe shock to the intruder. We recommend a minimum height of 1 meter on wall top and 1.8 meter on ground level fence. Gap between strands can be designed to meet site requirements.



STABILIZER

Protect your total Home, Office by using our servo stabilizers



POWER BAK UP SOLUTIONS

Inverters, Batteries, Solar UPS





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FEW OF OUR PATRONS

CERTIFICATION



सत्यमेव जयते

Ministry of New and Renewable Energy
Government of India



एन एस आई सी
NSIC
ISO 9001 : 2008

MSME
सूक्ष्म , लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES



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