



GO SOLAR GO ABS





ABS Group is a multinational organization established in 1998. It is a leading name in precision industrial bolting and portable machining solutions with strategic presence in India, UAE and Oman, through technological leadership of international brands and unique customer support initiatives.

We specialize in-

- Sales and Service of Industrial Bolting & Machining Systems
- Contracts for on-site bolting and machining
- Manufacturing of fully finished machined components for assembly solutions, bolting tools & accessories
- Solar EPC solutions
- Corporate Social Responsibility

Our legacy lies in customer confidence and the excellence we deliver through our 2 decades of technical expertise. We have been the preferred bolting partner for torquing / tensioning applications for industry verticals (PSU / Private) such as Steel, Mining, Power, Oil & Gas, Railways, Energy, Heavy Engineering, Shipping, Automobile, to name a few, across India, Bangladesh, Sri Lanka, UAE and Oman.

CERTIFICATIONS



ISO: 9001:2015



ISO: 45001:2018



Authorized Training Provider





As a process oriented organization, we are QMS complied with ISO 9001:2015, ISO 45001:2018, and ISO/IEC 170125 certifications. To further add to our credentials, we humbly boast of being given SME-1 rating by CRISIL which cements our financial solidity.

With skilled workforce of more than 250 employees spread across locations, we are committed to deliver quality with excellence for customer satisfaction. Our technical teams are certified by external agencies such as ECITB, ASME (for bolting), NISE (for Solar) for superior performance.



CLIENTELE



SUZLON



Indiabulls
FOUNDATION



ESSAR



KOMATSU





About ABS Renew Power

ABS Renew Power is a Division of ABS Group, specializing in consulting and aggregating SOLAR PV systems. With an experience of over 2MW of hands-on installations across India; we work relentlessly to deliver sustainable, innovative and cost effective solutions with the best industry practices at competitive prices.

We work with team of architects, engineers and electricians to provide our customers highly engineered turnkey solar solutions for kW to MW scale projects.

With a diverse portfolio of services ranging from Captive Solar Power farms, Off-grid and Grid-tied solar energy systems suited for both domestic and commercial use. We provide solutions for Residential, Commercial, Industries, Schools, Hospitals and Government buildings.

With a keen focus on continuously striving to maintain optimum service delivery and quality while maintaining the best safety standards, we are, ISO 9001:2015 and ISO 45001:2018 certified.

Why ABS Renew Power?

- Well Qualified Technical & NISE Execution Team
- ISO 9001: 2015 Complied for Quality standards
- Only Grade A & Tier-I solar components used
- Strict selection criteria for Suppliers
- ISO 45001:2018 Complied for Safety procedures
- Customer References & Testimonials available on request
- Reports on Simulation Software of PVsyst and Google Sketch available
- Committed long term partner with the option of AMC Post Warranty
- Complete technical support for Net Metering process which involves liaisoning with the Electricity Board
- Financial support through banks

Certifications



ISO: 9001:2015



ISO: 45001:2018

Certified Channel Partners For



Ministry of New and
Renewable Energy
Government of India



Maharashtra Energy
Development Agency



National Institute
of Solar Energy

We Offer

As a systems integrator, we offer turnkey solar project services within specified quality parameters and timelines.



Engineering, Procurement & Construction (EPC)

- Engineering design Consultancy
- Equipment supply
- Civil planning
- Construction
- Erection
- Commissioning
- Training, Management Hand-over



Re-Engineering & Re-Development

- **Refurbishing services** to improve monitoring and maintenance.
- **Optimization services** to achieve desired performance levels.
- **Replacement services** of existing material, design, engineering and auxiliary services with new ones to increase overall life span of the solar plant.



Operation & Maintenance (O&M) Services

- **SCADA Photovoltaic Remote Monitoring Systems**
Real Time Data | Performance Alerts | Web/Cellular Monitoring | Min. Downtime
- **Preventive and Corrective Maintenance**
Inspection | Testing | Cleaning Repairs | Replacements
- **Infrastructure and Training**





Applications



RESIDENTIAL



Cost of electricity for lighting common spaces like stairways, open areas, lifts, water pumps can be significantly reduced by going solar.

With our solar power solutions, we guarantee 25* years of consistent electricity generation. Residential societies and stand alone houses can achieve significant savings on their electricity bills, and be guarded against the rising tariff rates. Installing solar will also help in appreciation of market value of your asset.

We provide assistance in applying for subsidy, wherever eligible.



INSTITUTIONAL



Consistent supply of electricity is a basic requirement to provide hindrance free education. Our solar power solutions ensure hassle free power supply, provide significant savings in electricity bills, and also inspire future generations on renewable sources of energy.

Installing solar panels help maintain an image of an environment-friendly institute and increases the brand value. Institutes can also reduce education fee owing to reduced operational electricity costs, eventually keeping them ahead of competition.

We have successfully installed rooftop solar solutions in many schools as a part of CSR of renowned companies.



INDUSTRIAL/COMMERCIAL



Rising overhead costs cause a dent in a company's profitability. Our solar power solutions help industries reduce electricity bills and divert the funds to more productive avenues. They also provide consistent electricity output for seamless business operations.

It reduces peak loading of the grid following to which the variable cost is also reduced.

Solar for Industries is an ultimate model for achieving the goal of 100GW Solar Mission of India.



Quality Assurance

To ensure quality of the project, we produce QA/QC documents required at each activity, for close supervision and maintaining the necessary compliance for project records. These QA Plan documents show how the company defines, selects, implements and assures quality during Survey, design, procurement, erection, installation and commissioning process.

The QA Plan is a communication vehicle for the entire organization including the promoters, project managers, technical engineers, design engineer, structural developers, analysts, and other project teams involved.

Our dedicated Quality Assurance Team independently deals with matters related to Quality for all the products and services offered.

PROJECT WORKFLOW



BRAND ASSOCIATIONS





Installation Types

ROOFTOP



Ideal for scenarios where open ground space isn't available. With rooftop solar empty rooftop can be put to use for power generation. Rooftop solar installations are known to reduce leakages and improve insulation.

GROUND MOUNTED



Ground Mounted solar plants work well on large open space and can give benefit of significant long-term savings. Ideal for institutions and industries where captive consumption is high and open spaces are available for use.

NET METERING

Net Metering is the process through which Solar PV Generator consumes and sets-off its surplus energy / power back to the utility company (Discom) and in this process the consumer energy bill will get reduced.

Net Metering arrangements, thus, combine elements of captive consumption and exchange of power with the utility.

In the absence of grid power, the Rooftop SPV will continue to supply the power in case of hybrid setups.

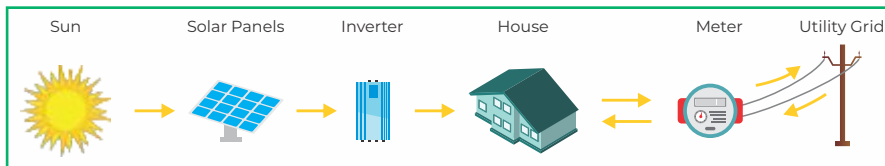
Types of Solar Plants

ON-GRID

On -Grid Solar Systems are essentially installed in Residential, Commercial and Industrial buildings where regular power supply from State providers is available. This system can be upgraded to a hybrid system with battery backup.

Advantages

- Lower equipment costs as compared to Off-Grid Solar.
- Reduce the burden of high tariff electricity bills, year on year tariff increase (avg. 5%).

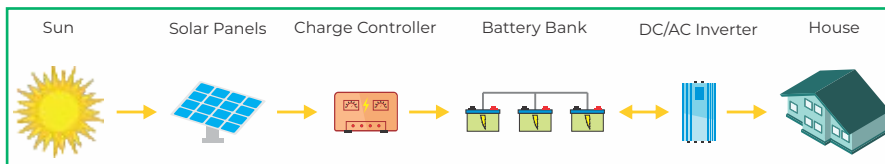


OFF-GRID

Off-Grid Solar Systems with battery backup are essentially installed in locations where there is no state Net-Metering Policy or the Grid is not reliable with frequent power cuts.

Advantages

- Most suitable for remote installations where power is not available or unreliable with frequent power cuts.
- Customers can size the battery bank as per needs.





Why Solar?

Consistent supply of electricity is a basic requirement whether it is for hindrance-free education, seamless business operations or reducing maintenance overheads. Soaring electricity bills, increasing power outages and deteriorating environmental conditions, make solar energy the most viable and long term solution. We at ABS Renew Power, constantly strive to provide our customers with a customized solution that helps them seamlessly migrate to Solar Power. Set an example for your future generations; **Go Solar, Go ABS.**



Up to 0*
Electricity bill



3-5* times cheaper
than regular Grid electricity



0 Carbon
Footprint



20+ years with
fixed cost of generation



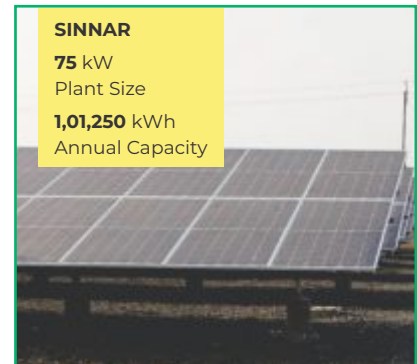
40%* Accelerated
Depreciation (A.D) Benefit



Up to 2% maintenance
cost of system cost



Our Projects





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