

Go Green, Go Solar



Grace Renewable Energy Pvt. Ltd.

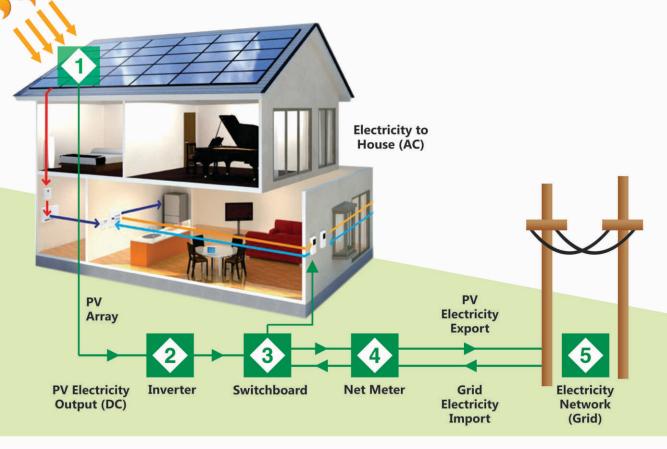
(A Joint Venture with HEC INFRA PROJECTS LTD.)

India • China • USA





How Solar Power System Work?





- An Inverter changing the solar DC power in to 240V alternating current (AC) suitable for your household appliance and feeding into the grid
- Your home uses electricity firstly from the solar PV modules with additional demand supplied from the grid
- A Net meter measuring your electricity production and consumption
- Any excess is 'exported' to the electricity grid

▶ ABOUT COMPANY I----

Grace Renewable Energy Pvt. Ltd. is a leading provider of comprehensive photovoltaic solar systems with highly automated manufacturing & testing facilities in collaboration with global technology providers. The dynamic team of Grace is striving a global renewable energy revolution by undertaking **Solar Power Generation Projects** through EPC offering, **Roof Top Systems** as well as Captive plants serving **Residential, Commercial, Institutional, NGOs, Schools, Hospitals and Industrial** clients.

▶ MISSION I----

To be a world class organization providing state-of-the-art products and customized services for solar energy solutions through pursuit of excellence by our team, well-defind processes and driving complete customer

VISION I

To be the global, innovative and competitive solar energy organization facilitating complate solutions to customers for solar energy products & services, at domestic as well as overseas markets.



Benefits with Solar

25 Years

System Life S

5 Years

for

GEDA Projects

Years

System Warranty

System Payback

3-4



Net Metering Benefits **30**%

MNRE Subsidy for Residence & NGOs 20,000/-

Maximum Subsidy from GEDA 40/60%

Units

1500

Accelerated Depreciation for Commercial/ Industrial Installation Minimum Power Generation Per Year/KW

Simplified Process

Gujarat Energy Development Agency (GEDA)

- 1. Free Assessment
- 2. Customer Registration & Approval
- 3. Net-Meter Agreement with Local Distribution Company (DISCOM)

Local
Distribution Company
(DISCOM)

- 1. Feasibility Check
- 2. Principal consent for grid connectivity3. Net Meter Installation

Chief Electrical Inspector (CEI)

- 1. Approval of System Drawing
- 2. Issue of energizing Certificate

Grace Renewable Energy

- 1. Solar Plan Installation
- 2. Solar Plant Commissioning in consultation with GEDA, CEI & Local DISCOM

Immediate saving on power bills

Excess power generated by solar power system flows back to the utility grid, providing credit for this electricity.

Low pay back period

Less than 3.5 years.

Fixed cost for 25 years

The cost of solar power system is fixed for the next 25 years where as the cost of grid power continue to increase, there by increasing savings for time to come.

Secured investment

 Solar power system provides 50% and even more savings in electricity bill.

Very low maintenance

 Solar power system as no moving or serviceable parts, so very little upkeep is required.

Clean and green

 Going solar is the most effective and the easiest way towards contribution to save environment with selfreliance at a domestic level and reducing dependence on fossil fuel.

Reliable and robust

Solar module come with 25 years performance warranty and all other components come with 5 years warranty.

Incentive benefits

Residences, Schools, NGOs are eligible for 30% subsidy from central Govt. (Ministry of new & renewable energy-MNRE). States also offer additional subsidies like Govt. of Gujarat offering subsidy of Rs. 10,000/- per kw, subject to maximum of Rs. 20,000/-commercial & industrial units enjoy 40% (+20% for Mfg. units) accelerated depreciation, reducing total system costs by about 25% at highest tax-rate.

Pricing for Residential Rooftop Solar Power System in Guj.

System Capacity	1kW	2kW	3kW	5kW	6kW	8kW	10kW
Area Required	100 Sq.ft	200 Sq.ft	300 Sq.ft	500 Sq.ft	600 Sq.ft	800 Sq.ft	1000 Sq.ft
Annual Electricity Generation (Approx)*	1500 Units	3000 Units	4500 Units	7500 Units	9000 Units	12000 Units	15000 Units
Price ₹	69000	138000	207000	345000	414000	552000	690000
Central Govt. Subsidy ₹	20700	41400	62100	103500	124200	165600	207000
Gujarat State Govt. Subsidy ₹	10000	20000	20000	20000	20000	20000	20000
Net Payment by Beneficiary ₹	38300	76600	124900	221500	269800	366400	463000

* Solar Power generation is subject to climate changes & cleaning of panels. Subsidy Scheme is as per MNRE & GEDA and is subject to further extension by Government.

Projects done by Grace Group



720KW Solar Power Plant Ahmedabad Airport - Airport Authority of India



50KW Solar Power Plant Anand Niketan -Maninagar



32.5KW Solar Power Plant Anand Niketan - Shilaj



23KW Solar Power Plant Sarthak -Organisers Pvt Ltd

Sourcing from the best worldwide

Growatt	▲ NELT∕	ABB	SUNGROW	SMA SOLAHECHNOLOGY	KACO New energy.	SOLAX
vikramsolar	Grace	adani	Trinasolar	YINGII SOLAR	JinKÕ	SERAPHIM
POLYCA9 WIRES & CABLES	RR⁄KĀBEL	LEONI	® LAPPKABEL		ANCHOR	Schneider



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^{*} All products and service described as well as technical data are subject to change at any time without notice due to continues of GRE Energy Products even for reasons of country-specific deviation.