

SOLAR POWER SOLUTIONS

Residential



Commercial



Agriculture



Rural Electrification



Pratham

IES

*Delivering Solar Electricity at Affordable Prices
...today*

Solar Power Business

Worldwide there is a growing awareness on the depleting fossil fuel resources and the issues around carbon emission. Many large corporations and business houses have committed to reduce their carbon footprint. Governments also proposing mandatory Renewable Energy Purchase Obligations (RPOs), which will make generation/use of a pre-determined percentage of Renewable Energy mandatory. Solar energy, being an abundantly available and clean energy resources in our country, is the obvious choice to meet the emerging and inevitable compulsions.

Realizing the growing need for clean energy solutions, the company has set up a separate business vertical for Solar Power Solutions that would Design, Engineer and Deliver high quality, reliable and long-lasting solar solutions at affordable cost. A dedicated and professional team is already working on newer and economical solar solutions that would meet the diverse needs and needs of user groups covering urban and rural home owners to corporate houses and small enterprises.

The company is a recognized channel partner of the Ministry of New and Renewable Energy (MNRE), Government of India, which is developing and implementing ambitious policies to support and promote solar energy usage in India. The company has also established relationship with quality global suppliers of key solar components like PV modules, Inverters and batteries and EPC service providers to bring the best in the class global solar solutions to the customer.

Solar Energy Benefits

It took millions of years for buried vegetation that grew absorbing sunlight to get converted into coal and diesel that we use to generate electricity. However direct and instant conversion of sunlight into electricity is possible through a process known as photovoltaic (PV) and the modern day solar cells were invented more than sixty years ago in 1954.

Solar energy, the fuel is free unlike petrol or diesel. It is clean as there is no emission and there is no extraction processes involved as in coal. There is no need for transportation as it is available in all places and it does not require water to generate power.

Solar Rooftop Power Systems

Solar electricity is Direct Current (DC) in nature. Apart from solar modules which is an encapsulated string of series connected cells, the other components that make a solar systems are charge controller, Battery (in case of Off-grid and Hybrid), inverter, mounting structure, cables, protection devices and others.

Depending on how the solar energy is to be generated and utilized, the PV systems are configured:

- a. Grid-Tie (On-Grid) System
- b. Off-Grid System
- c. Hybrid System

PRATHAM SOLAR SOLUTIONS

Roof Top Systems

Pratham offers a wide range of well-designed solar rooftop PV systems to generate electricity for self-consumption and to take advantage of the generous feed-in tariffs announced by the government. System components Modules, Batteries and Electronic Control and Conversion Devices are procured from globally reputed manufacturers and integrated by well trained technicians as per global standards. Pratham solar solutions come with two years warrantee against manufacturing defects and twenty five years power warrantee on modules.

Power Plants

Pratham synergizing its in-house EPC expertise with globally reputed solar EPC companies, with years of experience in solar power plant technology offers end to end solutions to Investor and Developers to set up MW size Solar Plants across different geographies.

Well trained Installation technicians install the system as per best established quality and safety standards while the Operation and Maintenance technicians ensure trouble free and reliable operation to deliver guaranteed energy and revenue generation year after year for 25 years.

With Sun Shining Bright and Pratham in Waiting, Why Hesitate?

Call today your friendly Pratham Solar Adviser on 080-2323-1136 or simply write to us solar@prathamies.com. We will reach you to know your needs, to provide additional inputs, clarify all your queries and help you take a decision in investing in solar to reap the benefits