

## SHIV SHAKTI SOLAR POWER SYSTEMS

INNOVATIVE PROFESSIONAL SOLUTION

SOLAR WATER HEATER | SOLAR PANELS | SOLAR EPC













### Company Profile

Shiv Shakti Solar Power Systems is leading organization in the field of solar power systems since 2010. We are Expertise in Solar thermal, Solar Power Fencing (installation, Repair and Maintenance Services) also involved in Solar Photovoltaic I&C and EPC based Turnkey projects.

Shiv Shakti Solar Power Systems having a team of experienced engineers to execute the project as per the customer satisfaction. Promoter of the company Mr.Manoj Bharti having experience of 10 years of Maintenance & Services in different companies of the renewable sector specialize in solar thermal from TATA, Emmvee and others reputed companies, under the guidance so many projects has executed successfully in solar Thermal & Photovoltaic.

We are also manufacturer and supplier of solar products with our brand in solar water heater, solar LED lights & others solar products, our product are approved from MNRE, BIS & tested from reputed laboratories in India. We are an ISO certified company to meet national & international standard.

#### Key Areas - Support Solutions:

- ? Solar Water Heating Systems
- ? Solar Power Fencing
- ? Solar Power Plant On Grid/Off Grid
- ? Solar Street Light AC/DC
- ? Solar Water Heater Repair & Maintenance Services

#### Domestic ETC Solar Water Heater

Evacuated Tube Collector is made of double layer rosilicate glass tube evacuated providing insulation. The Outer wall of the Inner tube is coated with selective material. This helps observation of solar radiation and transfer the heat to the water which flows through the inner tube





#### Domestic FPC Solar Water Heater

The Solar radiation is absorbed by flat Plate Collectors Which consist of an insulated outer metallic box covered on the top with glass sheet. Inside there are blackened copper metallic absorber (Selectively coated ) Sheet with built in channels or riser tubes to carry water. The absorbs the Solar radiation and transfer the heat to the water

#### **Industrial Solar Water Heating Systems**



The application of solar hot water systems within the industry can produce great benefits and facilitate, to a large extent, the process through which the elaboration of a product must pass. With high-performance solar collectors we can produce heat to temperatures that reach 300°F with an optimal performance. For many of these industrial procedure we really need this temperatures, for example steam generation, washing, drying, sterilization, pasteurization, colouring, chemical treatments, and so on.

#### On Grid Solar Power Plant

A grid connected system is connected to the utility grid(typically the public electricity grid) and feeds power into the grid. Grid connected system vary in size from Kwp to Mwp .



# Off-Grid Solar Consider Solar Privater Solar Privater Solar Privater Solar Privater Carad Redder Carad Redder

#### Off Grid Solar Power Plant

Stand-alone PV System are designed to operate independent of the electric utility grid and generally designed and sized to supply certain DC and / or AC electrical loads. stands- alone

PV system is battery based system. when generated energy is stored in batteries and then subsequently used in night or as per customer's requirement without any limitation.

#### Solar Street Light System

Solar street lighting system is an ideal lighting for the illumination of the streets, squares and cross roads located in areas that are not connected to the power grid. The system is provided with battery storage backup sufficient to operate the light from dusk to dawn operation.



#### Solar Power Fencing

We are into manufacturing and supplying of a wide range of Solar Power Fencing, These solar power fencing is easy to install maintain and widely appreciated in various sectors , for its functionality. solar power fencing is made up of shock durable system where a person will not die and even if any body stands near to it, it will automatically generate alarm. This type of fencing system is widely appreciated for various domestic and commercial applications.

















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SOLAR PANELS
SOLAR EPC



Save Money

Save Earth













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#### **ETC TYPE SOLAR WATAR HEATER**

System Capacity	100	150	200	250	300	500(50 I)	500 (35 I)	500 (M)
ETC Tubes	10 58*1800	15 58*1800	20 58*1800	25 58*1800	30 58*1800	50 58*1800	34 58*2100	50 58*1800
Floor Area (FOOT)	4X6	5X6	6X6	7X6	8X6	13X6	10X7	13X8











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