



Bhagwat
Energy Pvt. Ltd.

Reverse your **Electricity Meters** Anti-clockwise.

Bhagwat Energy Pvt Ltd, a multi-faceted products & services company located in Pune, India, started its operations in 2002 with the clear objective of encouraging the use of clean & benign renewable resources as a viable means of meeting our ever increasing energy needs. With over 10 years of experience in delivering quality products and end-to-end services we are constantly growing our innovative capabilities.

The potential capacity of the abundant, inexhaustible renewable resources exceeds the global human consumption. The cleaner sources which went largely untapped so far have caught global attention in the 21st century. With the advent of new technologies for extraction and storage of the green energy, driven by the urgent need to address environmental concerns rising due to heavy carbon emissions and deficiency in fossil fuels, renewable energy resources have seen a rapidly growing percentage in the net energy share.

From concept to commissioning, we draw upon our indigenous innovation & engineering capabilities to deliver end-to-end solutions for a wide variety application in the areas of lighting, electrification, signaling, communications, health care, leisure and defence.

Bhagwat Energy products bear the hallmark of quality, consistency & reliability coming as they do from an ISO 9001 accredited company.



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Offgrid Systems



Grid-connected Systems



Rooftop systems



Building-integrated Photovoltaics



Boot Basis



Solar Power Pack

Each facility, commercial or residential has distinct energy consumption needs. Custom made designs are implemented for solar power packs optimized suitably as per the requirement of the premises. There are various models that can be followed

Offgrid Systems

Off-grid photo-voltaic (PV) systems are purely run from solar power and independent of the power grid. Solar packs charge the batteries used to store electricity. An inverter converts DC Power to AC which powers the electronic devices.

Grid-connected Systems

Such solar power packs are connected to the utility grid, supplying energy when the conditions are right. Grid-connected systems are useful in both, managing excessive loads and optimizing costs.

Rooftop systems

Rooftop photovoltaic power systems use solar panels installed on rooftops of residential/commercial buildings where the sunlight is abundant and unhindered. Such systems can be installed in conjunction with the conventional supply.

Building-integrated Photovoltaics (BIPV)

BIPVs are incorporated in the conventional building materials of exteriors such as the rooftops, facades, skylights and sunshade. This system reduces the costs by reducing the spend on construction materials.

BOOT basis

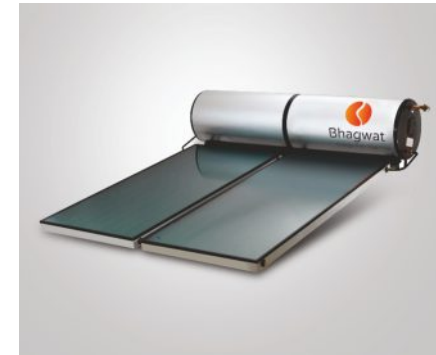
Solar Power Packs can be installed on a Build Own Operate Transfer (BOOT) basis, where plant is designed and integrated and the electricity is sold to the client at competitive prices.

Windmill

Renewable energy capacity is growing at a fast pace in the country and abroad. Wind is an inexhaustible, benign energy source and windmills are fast gaining popularity on the users of independent power generation systems.

The system is perfectly capable of serving a steady energy supply far from public grid-connection and any infrastructure.

Backed by strong and simple technology, and its long-lasting performance, the system guarantees a viable power supply with low investment and maintenance costs.



Solar Water Heater

Flat Plate Collector (FPC)

With the inclining cost of electricity, solar water heaters have proven to be the most convenient alternatives available today for domestic uses. These Solar Water Heating systems perfectly designed for performance and durability, enduring both time and extreme conditions to which the collectors are exposed.



Evacuated Tube Collector (ETC)

A different technology used by Evacuated Tube Collectors (ETC) makes them highly efficient and operationally superior. The Evacuated Plates absorb solar energy and the vacuum between the two glasses insulates against heat loss.

Solar Water Heaters are available in various capacities, in LPD(litres per day).



Solar Pumps

Solar Water Pumps provide a system for running all kinds of electrical power pumps for applications from household supply to commercial irrigation system. The Solar Pump motors can be AC(alternating) or DC(direct) depending on the voltage input required.

Solar pumping systems are gaining in popularity largely due to consistency, low maintenance costs and high cost-savings compare to options like diesel-operated pumps.



Solar Street Lights

Solar street lights use photovoltaic panels which use the inexhaustible, clean energy of the sun to charge the battery which powers LED or fluorescent lamp lighting up the streets. Such panels are usually mounted on the top of the pole.



Solar IPS

Solar Independent Power Systems (IPS) are useful for existing battery and UPS Inverter. It modifies existing UPS into online Solar UPS or Inverter. Through IPS daytime load will run completely on solar power; when load is heavy it runs on battery or electricity if solar fails.