



Solar Planet

Welcome to the  
***“PLANET OF SOLAR ENERGY”***



## About Us:

Solar Planet is India's leading company in solar power sector (Subsidiary of **Teren Power Pvt Ltd**, [www.terenpower.com](http://www.terenpower.com)). We specialize in design, engineering, supply, installation, commissioning, operations and maintenance of solar power systems, ranging from KW to MW capacities.

Solar Planet has developed and commercialized unique solar power solutions customized for each application. These include rooftop systems for different types of roofs (RCC floor, industrial metal roof), Solarized petrol pumps, DC water pumps for agriculture and domestic requirements. We have strong focus on continuous efficiency, improvement and reduction in Rs./watt through innovative solutions & vertical integration. With our knowledge of the photovoltaic domain, we are able to leverage global sourcing of high quality, reliable and cost effective solar panels and other components.



Solar Planet



## Our Vision

“To make **INDIA** a better cleaner & Greener by adopting alternative sources of Power- Exploring **Solar Energy**”



Solar Planet

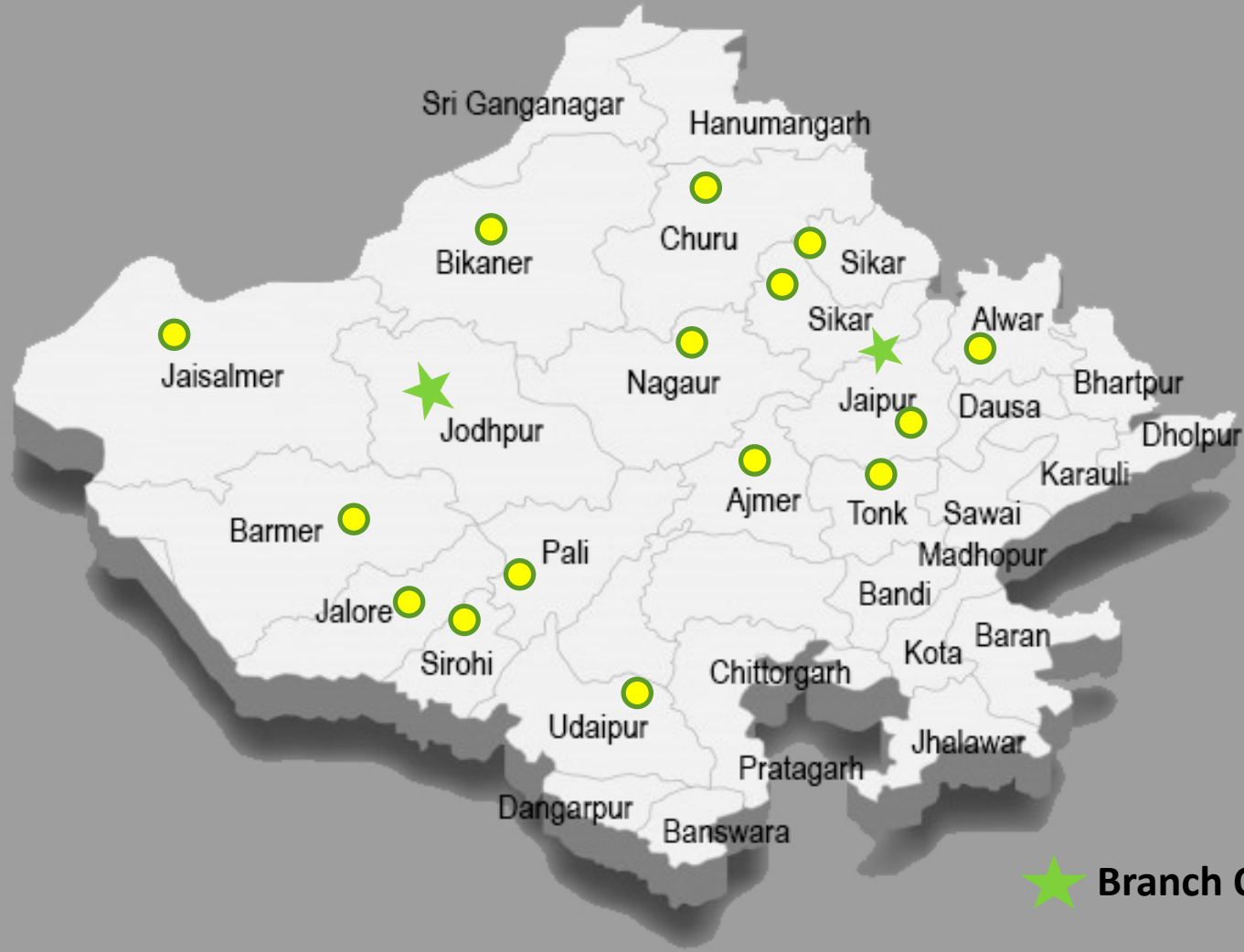


## Our Mission

We help our **Customers** realize all the benefits of renewable energy, such as solid **Financial Returns** and a positive impact on the environment, through advanced, turn-key **Solar Energy System**



# State Presence



 **Branch Office**

 **Projects installed**



Solar Planet

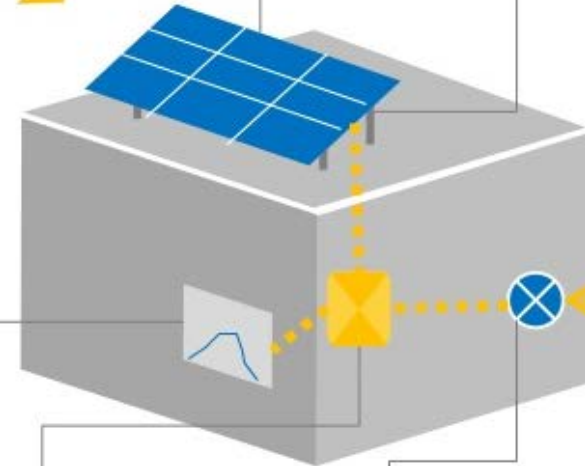


**The Sun**  
Energy sponsored daily by the Sun

**Mounting**  
Specially designed long life mounting systems tether the panels to your roof.

**Solar Panels**  
Convert the Sun's energy to electricity

**Monitoring**  
See how much energy your system generates with display or web-based monitoring



Utility Grid

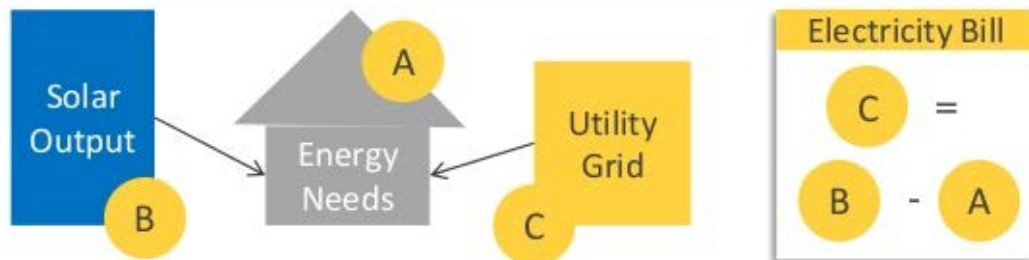


**Inverter**  
Converts the DC power from module to AC and synchronizes it with your mains supply

**Meter**  
Measures the amount of energy used from the grid

## How Solar Works

### Reducing Your Electricity Bill



# Benefits of Solar Energy



- Is **Environmentally Sustainable** (Clean source of Energy)
- Is **Economically Feasible** (Very Low Maintenance Cost)
- Offers a rapid **Transition** (0-20 years)
- Can be implemented **Immediately** on large scale
- Will offer **Long Term** solution in the Energy Sector
- Can be implemented at the **End-User**

# Why SOLAR PLANET ?

- ❑ Top **Quality**
- ❑ Reliable and Efficient **Technology**
- ❑ Deliver the Best **Value** to the customer

## Cost

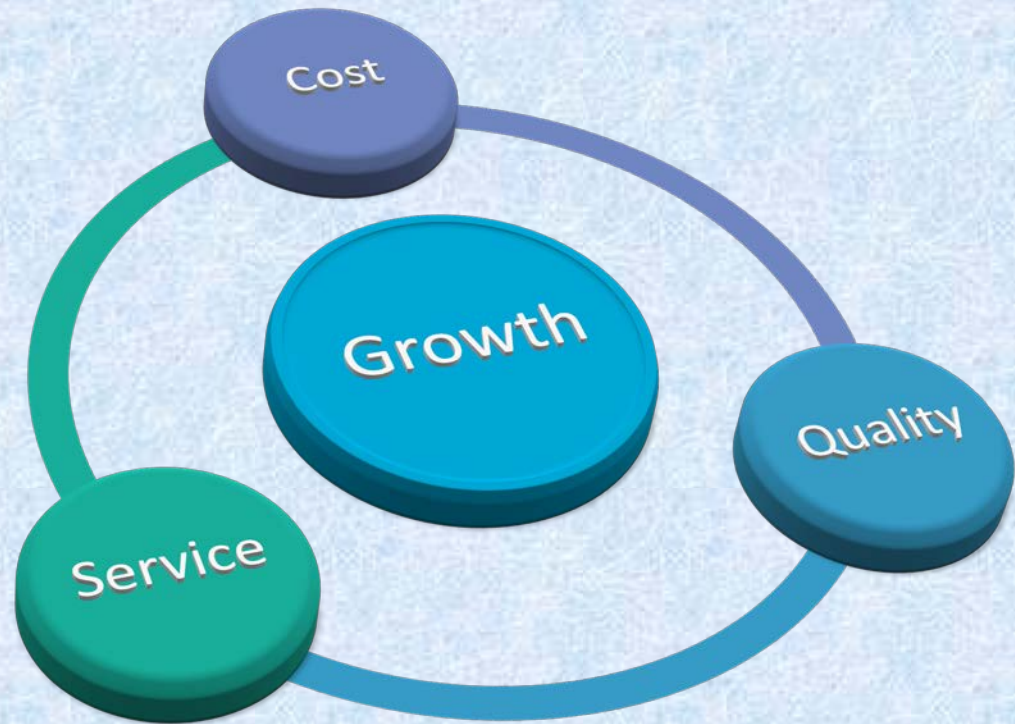
Supply Chain  
Management

## Quality

Reliability &  
technology

## Service

Customer focus  
organization







Solar Planet

## **Our Offerings:**

**Rooftop solar system**

**Solar Hybrid system**

**Solar Pumping System**

**Solar Lightning System**

**Solar Parking**





# Our Services



Solar Roof Top



Solar Pumps

# Our Services



Operation & Maintenance



EPC & Development



# Summary of few Projects Installed



Solar Planet

Names	Location	Capacity	Industry
Shree Rana Marbles	Kishangarh	200 Kw	Marble
Mangal Murti Granites	Kishangarh	100 Kw	Marble
Shri Krishna Granites	Kishangarh	100 Kw	Marble
Mehar Stone Arts	Jodhpur	100 Kw	Marble
Asian Granits	Jalore	50 Kw	Marble
Country Art & Craft	Jodhpur	425 Kw	Handicrafts
Shekhawati Handicrafts	Jodhpur	160 Kw	Handicrafts
Country Art & Exports	Jodhpur	300 Kw	Handicrafts
Beriwal Industries	Jaipur	30 Kw	Bearings
Keshwanand Sikhsan Sansthan	Sikar	60 Kw	School
Apex Sr Secondary School	Jodhpur	60 Kw	School
Apex School Hostel	Jodhpur	30 Kw	School
Matrix	Sikar	25 Kw	Coaching
CLC Coaching Institutes	Sikar	30 Kw	Coaching
CLC Coaching Institutes	Jaipur	30 Kw	Coaching
Gattani Hospital	Jodhpur	50 Kw	Hospital
Shivam Hospital	Nagaur	31 Kw	Hospital
Dhanvantari Hospital	Jodhpur	25 Kw	Hospital
Krishna Hospital	Nagaur	30 Kw	Hospital
Hotel Kanha & Restaurants	Reengus	30 Kw	Hotel
Hotel Grand Haveli	Nawalgarh	25 Kw	Hotel
Hotel Ganga Singh Palace	Nagaur	25 Kw	Hotel
Sh. Badri Ram Jakhar (Ex M.P)	Pali	20 Kw	Residential



# Projects Preview



Solar Planet



Solar Park at Jodhpur

# Projects Preview



Solar Planet



200 KW at Kishangarh

# Projects Preview



Asian Granite, Jalore



# Projects Preview



20 Kw at Kuchaman City



## RETURN ON INVESTMENT CALCULATIONS

PLANT CAPACITY in KW	15
Unit generation per kW per day	4
Unit generation per Day	60
Unit generation per month	1800
Unit generation per year 15 kw	21600
Life in years	25
Tariff Rate (Current)	10
Electricity Tariff Increment per year in %	5
Production decrement factor per year (%)	0.6
Discount per Unit	0
Cost Per Kw (in Rs.)	₹ 40,000.00
Total Cost (in Rs.)	₹ 60,00,000.00

Year	Tariff Plan	Total Electricity Unit	Expenditure Over the Units (INR)	Accumulated Savings
1	10	21600	₹ 2,16,000	₹ 2,16,000
2	10.5	21470	₹ 2,25,439	₹ 4,41,439
3	11	21342	₹ 2,34,757	₹ 6,76,197
4	11.6	21214	₹ 2,46,077	₹ 9,22,273
5	12.2	21086	₹ 2,57,252	₹ 11,79,526
6	12.8	20960	₹ 2,68,285	₹ 14,47,810
7	13.4	20834	₹ 2,80,009	₹ 17,27,819
8	14.1	20709	₹ 2,92,245	₹ 20,20,064
9	14.8	20585	₹ 3,05,016	₹ 23,25,080
10	15.6	20461	₹ 3,18,345	₹ 26,43,425



## Solar Planet

**B. Office** : H22B, Saraswati Nagar, Malviya Nagar, **Jaipur**  
**B. Office2** : 3-M-27, Kudhi Bhagtasni Housing Board, **Jodhpur**  
Email : [info@solarplanetindia.com/](mailto:info@solarplanetindia.com) [solarplanet.raj@gmail.com](mailto:solarplanet.raj@gmail.com)  
Web : [www.solarplanetindia.com](http://www.solarplanetindia.com)  
**Contact** : 7737557777, 9784085724

