

#### **About Faujdar Solar**

- FAUJDAR SOLAR was set up in 2018 in Jaipur, Rajasthan with a focus on developing Solar as sustainable energy alternative India. Our energy solutions are viable both in the near term and over the longer term providing maximum energy. We strongly believe in the sun's potential to significantly address the problems associated with power obtained from non-renewable sources of energy. Faujdar Solar is one of the best EPC solar companies in Rajasthan. We provide end-to-end solutions to our clients while also assisting through the entire process of project evaluation, design, engineering, operation and maintenance.
- Due to the current Dilemma of power source generation all over the world and encouraging to **GO GREEN** (depending on Renewable Energy Sources) plus the advantage of being one of the best countries all over the world in Sun light intensity all over the year, Indian Government started to really encourage and direct investments in this sector which an effective solution to the shortage in power sources in India.

## Integrity

We believe this is key to any successful relationship. It is important to Faujdar Solar that our clients and team members have a strong foundation of trust in each other.

#### Ethical Conduct

We believe this is the cornerstone of good business. We are committed to honesty and high morals in all dealings, both internally and externally.

www.faujdarsolar.com

# **Our Vision**

To be a global, innovative and competitive Renewable Energy Enterprise providing total solutions to customers of Renewable Energy Products and Services.

# Our Mission

To be a leading Renewable Energy enterprise, providing superior quality products and services at competitive prices.

#### What we do?

- Provide unique Solutions and Techniques to ensure the successful delivery of renewable and sustainable energy projects promptly.
- Deliver a value for our clients with creative, experienced and highly skilled Engineering team in the design, installation, operation and maintenance of high quality sustainable Energy Solution.
- Produce Solar Photovoltaic power plant in various applications such as residential, industrial, Commercial and agriculture.
- Faujdar Solar offers tailored solution according to the client best interest and needs.







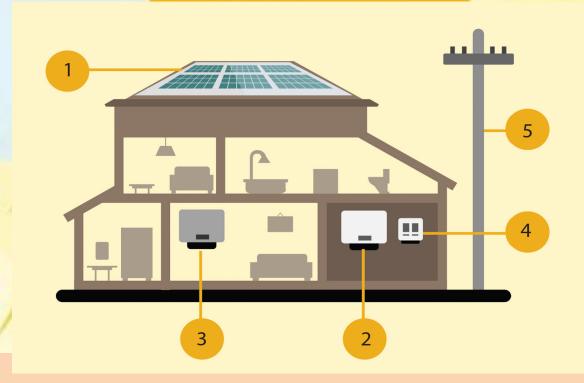


## **Solar Energy**

Energy from the Sun that converted into electricity using Pv panels.

How Solar Energy System Works?

- 1. Solar panels turn sunlight into DC energy.
- 2. Inverter converts the DC energy to AC electricity.
- 3. Service Panel distributes power where needed throught your home.
- 4. Utility meters track energy produced and energy used.
- 5. Grid connection ensures access to continous power at light.



#### > Approvals and Liasoning

Approvals and Liasoning forms mostly initial phase of development of plant that includes-

- (A) Project registration at MNRE (Ministry of Non Renewable Energy) nodal agency
- (B) LTOA (Long Term Open Agreement) related works
- (C) Plant commissioning certificate
- (D) PPA (power purchase agreement) with private/government
- (E) Land related paper work
- (F) REC (Renewable Energy Certificate) related SLDC Registration,
- (G) Accreditation Certificate
- (H) NLDC Registration

## Plant Design and Engineering

Every project comes with its own difficulties- soil, weather, wind, radiance, and topography. All these factors need to be taken in account while designing its layout. Appropriate plant design and PV parameters are one of the key components to generate maximum output and thus maximum project value.

- (A) Selection of modules (based on capacity and efficiency).
- (B) Markings based on topographical sheet.
- (C) Panels are mounted as per the markings with minimum disturbance to the environment.

## Construction and Procurement Management

- (A) Robust and agile supply chain(Tier 1 vendors) with global network for timely delivery of system equipments.
- (B) Inventory Management
- (C) Quality and Inspection control
- (D) Mounting Solutions
- (E) Alignment of non module components with module component to generate better yield
- (F) Integrated planning, scheduling and execution system
- (G) Final commissioning

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## Post Commissioning Management (0 & M)

- (A) Regular Cleaning- dust removal of panels and inverters
- (B) Inspection of site
- (C) Removal and replacement of faulty equipments
- (D) Remote Monitoring of plant

With SCADA implementation, we can monitor functioning of our solar plant from anywhere. This enables us to:

- (A) Knows real time data from anywhere anytime
- (B) Detailed analysis to understand if power generated is as expected/designed
- (C) Know issues on-field with equipments and manage with effective O&M
- (D) Predict the power generation with certainty

# **Projects**

## 1. Gopinath Minchem Pvt Ltd. 200 kW Ajeetgarh



## 2. DFCCIL 150 kW Ajmer



## 3. Shivam Stone Processor 360 kW Dudu



## 4. Medical College 200 kW Sikar



## 5. Rajasthan Agriculture Reaserch Institute 130 kW Jaipur



## 6. 130 kW Smile Interiors Bagru



### 7. Gaushala 200 kW Bikaner



### 8. Microlab Examination Hall 150 kW Bikaner



## 9. Dilip Industry Bagru 450 kW



#### IICD College 150 kW Jaipur 10.



#### 11. Ramdoot Minerals 400 kW Ajmeri, Ajeetgarh



#### 12. Shree Sai Glass 200 kw Sikar



Our Company having great customer base, at its retail counter and dealers in each corners of Rajasthan. We have worked on more than 200 domestic energy saving projects.