

### Solar Power, **Brightening up Your World**







Solar Rooftop









### Kashyap Solar

Technology Development Installation

# Encouraging Today, Endeavouring Tomorrow.

### Vision

"To be the leading provider of worldclass engineering, procurement, and construction services, delivering innovative, safe, and sustainable solutions to our clients."

### Misson

"Our mission is to consistently exceed our clients' expectations by providing exceptional engineering, procurement, and construction services, while ensuring the safety and well-being of our employees and stakeholders."



Welcome to KASHYAP SOLAR, your trusted provider of electrical and solar solutions.

We are a team of experienced professionals dedicated to delivering high-quality electrical and solar services to our clients. Our focus is on providing customized and cost-effective solutions that meet our clients' unique needs and expectations.

With years of experience in the industry, we have developed a deep understanding of the electrical and solar markets, and we use this knowledge to deliver innovative and sustainable solutions to our clients. Our team is comprised of experienced engineers, technicians, and project managers who are passionate about their work and committed to excellence.

At KASHYAP SOLAR, we understand the importance of reliable and efficient energy systems, and we strive to provide our clients with the latest and most advanced technologies. Whether you need electrical services for your home or commercial property, or you are looking for a comprehensive solar solution, we have the expertise and experience to get the job done right.

Our goal is to build long-lasting relationships with our clients, and we believe that the key to success is to provide exceptional service and support. From the initial consultation to the final installation, we work closely with our clients to ensure that their needs and expectations are met every step of the way.

Thank you for considering KASHYAP SOLAR for your electrical and solar needs. We look forward to working with you and helping you achieve your energy goals.

Euture

## Electrical Services

Kashyap is a leading provider of electrical solutions for residential, commercial, and industrial clients. We specialize in LV/HV electrical installations, cable laying, terminations, transformer erections, panel erections, 11 KV, and 66 KV substation erection. Our team of highly skilled and experienced technicians have the knowledge and expertise to handle all types of electrical projects with ease.



The core tasks in industrial low voltage (LV) and high voltage (HV) electrical systems include:

### > Electrical Design and Engineering:

This involves developing electrical plans and drawings, selecting electrical equipment and materials, and specifying the electrical systems that meet the client's requirements and safety regulations.

### **▶** Installation and Commissioning:

This involves the physical installation of the electrical systems and components, such as cables, transformers, panels, and switchgear, as well as the testing and verification of their proper operation.

### Maintenance and Repair:

This involves regular inspection and maintenance of electrical systems and components to ensure their continued safe and reliable operation, as well as the repair of any defects or failures.

### > Upgrades and Modifications:

This involves the modification or upgrade of existing electrical systems to meet changing requirements or improve performance and efficiency.

### > Testing and Certification:

This involves the testing of electrical systems and components to verify their compliance with safety and performance standards, and the issuance of certifications to confirm their safe operation.

These tasks require specialized knowledge and skills, as well as adherence to industry standards and regulations, to ensure the safe and reliable operation of electrical systems in industrial environments.

### **Solar EPC**

Welcome to KASHYAP SOLAR, a leading Solar EPC (Engineering, Procurement, and Construction) company established in 2008. With over 250+ mega watt projects successfully completed across the country and abroad, we are proud to have made a significant impact in the renewable energy sector.

Our team of experienced professionals has the expertise to take on projects from concept to commissioning, ensuring that each project is executed with the highest level of efficiency and quality. Our commitment to delivering outstanding results has earned us a reputation as a trusted partner in the industry. We look forward to continuing to lead the way in renewable energy solutions and serving our clients with excellence.



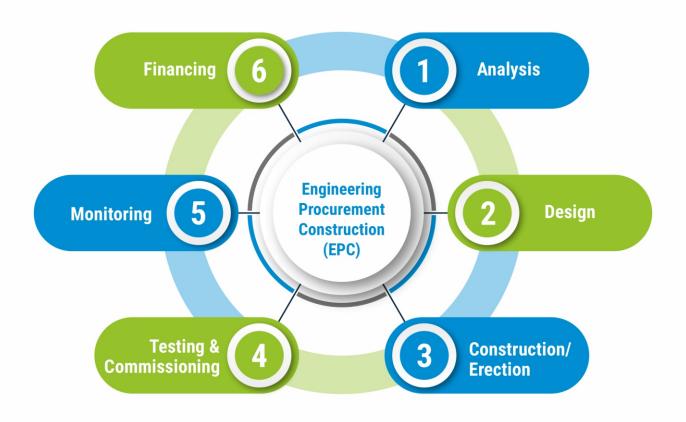
Ground Mounted Solar Power Projects (Solar Park / Solar Farms)



**Rooftop Solar Power Projects** 



# **Engineering Procurement Construction (EPC)**







### Ground Mounted Solar Power Projects (Solar Park/Solar Farms)

A Ground Mounted Solar Power Project refers to a solar energy generation system where photovoltaic (PV) panels are installed on the ground, instead of on rooftops. These systems are ideal for large-scale renewable energy projects, providing a sustainable source of clean energy.



### Here are the key components are involved in setting up a Ground Mounted Solar Power Project :

#### **▶** Site selection:

A suitable location for the project must be selected, taking into consideration factors such as access to grid connection, exposure to sunlight, availability of land, and local regulations.

### > Feasibility study:

A comprehensive study of the proposed site, including a detailed analysis of its physical, economic, and environmental aspects, must be conducted to determine the viability of the project.

### **▶** Engineering and Design:

Once the site has been selected and the feasibility study has been completed, the next step is to design the system, including the number and arrangement of PV panels, wiring, inverters, and monitoring equipment.

#### > Procurement:

The components required for the project must be procured from reliable suppliers, taking into account quality, cost, and delivery lead times.

#### **▶** Construction:

The installation of the system can then commence, which includes the installation of the PV panels, wiring, inverters, and other components, as well as any necessary site preparation work, such as excavation and grading.

### **▶** Commissioning:

Once the installation is complete, the system must be tested and commissioned to ensure that it is operating correctly and generating the expected level of energy.

### **▶** Monitoring and Maintenance:

Regular monitoring and maintenance of the system is essential to ensure that it continues to operate at optimal efficiency, and to identify and address any issues that may arise.

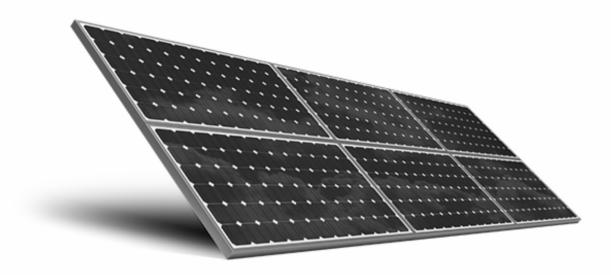
A Ground Mounted Solar Power Project can provide a reliable and sustainable source of clean energy, reducing dependence on non-renewable energy sources and helping to mitigate the effects of climate change.



### Rooftop Solar Power Projects

A commercial or industrial rooftop solar power project refers to the installation of a photovoltaic (PV) system on the roof of a commercial or industrial building. The purpose of this system is to generate electricity from the sun to reduce the building's dependence on grid power and reduce energy costs.





### Here are the key components of an industrial / commercial rooftop solar project:

#### Site Assessment:

A thorough evaluation of the rooftop, including its size, orientation, shading, and electrical infrastructure, is essential to determine the feasibility and cost-effectiveness of the project.

### Design and Engineering:

A team of experts designs the system to meet the specific energy needs of the building, taking into account factors such as orientation, shading, and electrical requirements.

#### > Equipment procurement :

The required solar panels, inverters, mounting systems, and other components are sourced from reliable suppliers.

#### ▶ Installation:

The solar panels are installed on the rooftop, connected to the electrical infrastructure, and commissioned.

### Monitoring and Maintenance:

A monitoring system is installed to keep track of the system's performance and identify any issues. Regular maintenance is also performed to ensure the system's continued operation.

### Benefits of industrial/commercial rooftop solar projects include:

#### > Cost savings:

By generating their own electricity, building owners can reduce their reliance on grid power and lower their energy costs.

### > Improved energy security:

The rooftop solar system provides a backup source of power in case of grid outages.

### Environmental sustainability:

By reducing the building's carbon footprint, a rooftop solar project can make a positive impact on the environment.

### ▶ Increased property value :

A well-designed and installed rooftop solar system can increase the value of a commercial or industrial property.

Overall, a commercial or industrial rooftop solar project is a cost-effective and environmentally friendly way for building owners to reduce their energy costs, improve energy security, and support sustainability.

### LV Panel

MV-LV Panel Manufacturing is a specialized field that involves the production of medium voltage (MV) and low voltage (LV) electrical panels for a wide range of applications. These panels play a critical role in the distribution and control of electrical power in buildings, industrial facilities, and infrastructure projects.

Our company is a leading manufacturer of MV-LV panels, utilizing state-of-the-art technology and equipment to produce high-quality panels that meet the most stringent industry standards and regulations. Our panels are designed and manufactured to provide reliable and efficient performance, ensuring the safe and stable operation of electrical systems.

### Our product range includes a variety of MV-LV panels, including:

Distribution Panels

Lighting Control Panels

Solar ACDB/DCDB
■ S

Motor Control Centers

Capacitor Panels

Solar Combiner Boxes

Power Control Centers

M Bus Ducts

**VCBS** 

### **EV** Charger

In the era of electric vehicles (EVs) revolutionizing the automotive industry, Kashyap EVC stands out as a leading manufacturer of EV chargers. With unwavering commitment to innovation, quality, and sustainability, Kashyap EVC has established itself as a key player in the rapidly expanding market of electric vehicle charging infrastructure.

### At Kashyap EVC, their mission is clear:

to accelerate the global transition towards a cleaner and greener future by providing efficient, reliable, and user-friendly charging solutions. Their cutting-edge technology and forward-thinking approach have made them a trusted partner for governments, businesses, and individuals seeking to embrace electric mobility.

One of the key strengths of Kashyap EVC is their diverse range of charging products. They offer a comprehensive portfolio of charging solutions that cater to different settings and applications.

Whether it's a residential charging station, a workplace charging infrastructure, or a fast-charging network for public spaces, Kashyap EVC has the expertise and product lineup to meet various requirements.

In conclusion, Kashyap EVC has emerged as a prominent player in the EV charger manufacturing market, thanks to their technological prowess, diverse product range, sustainable practices, and exceptional customer service. As the world transitions towards a future powered by electric vehicles, Kashyap EVC is poised to make a significant impact by providing cutting-edge charging solutions that drive us closer to a sustainable and emission-free transportation ecosystem.

- ☑ Bharat AC 001
- ☑ Bharat DC 001
- ✓ AC Chargers 3.3 KW TO 42 KW
- OC Fast Chargers 15 KW to 350 KW

# FEW OF OUR PROJECTS

54 MW	Nahar Group of Industries (SSDSP) Projects, Banaskantha, Gujarat
50 MW	Welspun Energy Pvt. Ltd., Tamilnadu
23 MW	Oriano Clean Energy , Karnataka
10 MW	Agrwal Renewables, Rajasthan
10 MW	LAXMI DIAMOND, Bali, Dist. Pali, Rajasthan
8 MW	Polycab India Ltd. (Daman & Halaol)
6.8 MW	Agrawal Renewables, Maharashtra
5 MW	Konark Gujarat, Kutchh, Gujarat
5 MW	GIPCL, Mangrol, Surat, Gujarat
5 MW	Konark Gujarat, Kutchh, Gujarat
3 MW	JANVI LGD PVT. LTD. , SURAT
3.3 MW	Agrawal Renewables, Rajasthan
1.2 MW	Gokulanand Texturisers pvt. Ltd., Palsana, Surat

1 MW	MEDA- MAHARASHTRA ENERGY DEVELOPMENT AGENCY
1 MW	J B ECOTEX LLP, SURAT
900 KW	DNHPDCL, SILVASSA
850 KW	UNIVERSAL MIDCAP LTD., VADODARA
700 KW	SMC, Waterworks, Surat
500 KW	J KORIN SPINNING PVT. LTD., SURAT
315 KW	DNHPDCL, SILVASSA
300 KW	Hindalco Industries Ltd., Silvassa (Aditya Birla Group Co.)
230 KW	GTPL, Vanz, Surat
200 KW	DNHPDCL, SILVASSA
180 KW	Hi Tech Sweet Water, Bardoli, Surat
112 KW	Kare Lab, GOA
110 KW	Vimal Agro, Bardoli, Surat

### **ACHIEVEMENTS**

### **AUTHORISED CHANNEL PARTNER**





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