

Switch on the Sun



Designing to Testing
Construction to Installation

COMPLETE EPC SOLUTIONS
FOR HIGH PERFORMANCE SOLAR POWER PLANTS





About Us

We : Founded in 1997, LUBI Electronics began as an automation services company, laying the foundation for a journey of innovation and excellence.

Established Legacy : As the sister concern of LUBI Pumps LLP, a leading Indian pump manufacturer with a legacy dating back to 1965, we inherit a tradition of reliability and quality.

Manufacturing : Operating state-of-the-art manufacturing units for Solar Panels and Control Panels in Prantiya and Katadara, Gujarat, respectively.

Presence : PAN India presence. 11 representative offices

Strength : Over 250+ technical experts across business verticals

Solar Business : In 2012, expanded business into solar panel manufacturing. Since then, have become synonymous with expertise and reliability in solar solutions.

In year 2013, became the only supplier of comprehensive solar pumping systems with solar pumps, pump controllers and solar panels, all manufactured under a roof.

Solar EPC services:

A well known operator in solar EPC services space, with extensive experience in installation of integrated solar water pumping systems to rooftop based solar plants at premier industrial and government buildings.

Expanding on the business, LUBI has ventured aggressively into multi-MW ground mounted projects completing the offerings in the solar services portfolio.

Vision

To become the most preferred brand by empowering affordable products and solutions.

Mission

To implement efficient business processes and deliver customer value in all stages of the supply chain thereby achieving market leadership

Values

Developing people competencies at all stages by implementing excellent health, safety and welfare standards

Building An Integrated Solar Company



10+

Years of experience



500 MW+

Solar Modules supplied globally



25000+

Solar Pumps Installed



60 MW +

Installations across India



EPC Service Offerings

Over the decades, LUBI Electronics has evolved into a leading solar product & services company in India. The company is a leading brand in the solar panel and solar pumps product lines.

The company is expanding its domain in the solar EPC segment and aims to become a trusted player in the solar projects market.

➤ Solutions we offer

Engineering & Construction Services for Rooftop & Ground Mounted Solar Plants

Commercial : Hotels, Hospitals, Educational Institutions and PSU

Industrial : Multi-vertical industrial clients such as automobile, Ceramics, Textile, Sugar, Steel and more

➤ How will our solutions help

- Will help customer offset power costs with efficient and renewable power.
- Turnkey solutions to that promises complete peace of mind

➤ Highlights

- Among the top solar panel manufacturers in India
- One-stop solar pumping system built under a single roof
- Developing quickly into a solar EPC services behemoth



❖ **Rooftop Solar Plant**

Solar power plant installed on the roofs of commercial or industrial buildings to transfer electricity consumption to solar power thereby reducing operational expenditures.

❖ **Ground-mounted Solar Plant**

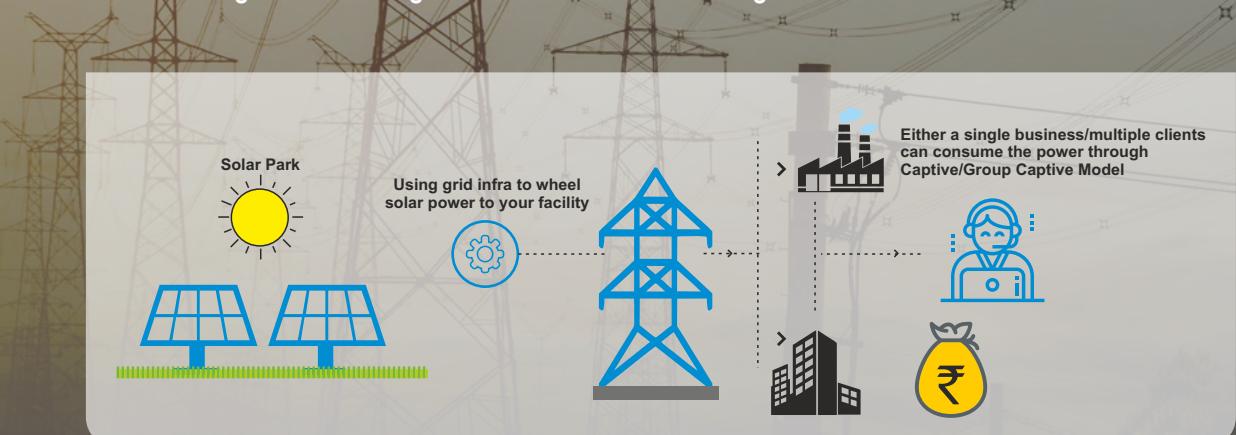
Large scale solar power plant installed on open land to fulfill larger renewable power requirements

❖ **Captive Mode**

A single entity owns and operates the solar system. This system is ideal for industries, and commercial establishments seeking energy-independence and long-term cost stability.

❖ **Group Captive Mode**

Multiple entities form a group to collectively own and operate a solar system. Benefits include shared costs, economies of scale and easy access to renewable power at lower-than-grid costs. Large communities can leverage the benefits.



Financing Models

CAPEX Model:

The power consumer invests upfront capital to install solar systems. Offers long term benefits like system ownership, reduced energy costs and revenue from excess power fed back to the grid

OPEX Model:

Third-party investor/s invests in the solar system. The power consumer pays predetermined rate for the energy purchased from system, generally less than utility rates. Offers benefits like immediate savings on energy costs and eliminates maintenance and operational responsibilities.

Scope of Work

- End-to-End services from Land Acquisition to Power Evacuation for Projects ranging from 4 MW to 50 MW
- Procurement backed by associations with prominent equipment suppliers In India & abroad.
- Liaisoning with Government & Departments to get required approvals/incentives.

Site Selection

- Provide land options to meet solar project
- Technical analysis from standpoints of connectivity, terrain suitability.
- Complete radiation & generation analysis of site using advanced software models and data.

Engineering & Design

- Preparation of layout, SLD, engineering documents.
- Preparation of erection Key Diagram, electrical clearance diagrams, design calculations for earth-mat, busbars & spacers and more.
- Protection systems, switchyard, switch gear, cabling system, LV & DC system.

Procurement Assistance & Inspection of all Materials

- Technical specifications & BOM
- Supervising procurement of components
- Quality supervision & assessment

Construction

- Engineering of solar plant & civil works
- Scheduling and timely execution of project
- Streamlining Procurement, Erection, Site pre-commissioning and commissioning activities.
- Review, supervision & reporting

Power Evacuations

- PE system identification, planning & evacuation to nearest substation
- Preparation of PE schematic diagram along with technical specification from solar PV project pooling station to receiving grid sub-station.

Services, Operations & Risk Management

- Monitoring & Performance Analysis
- Cleaning & Inspection
- Preventive Maintenance & Warranty Management
- Emergency Response



*Effective O&M services are crucial for maximizing the return on investment in a solar power plant by ensuring optimal performance, minimizing downtime, and extending the lifespan of the equipment.

Project Management

- Superior project management, execution expertise and technical prowess in handling large projects.
- Successful track record of executing projects in challenging conditions
- Quick resource mobilization capabilities for project execution across India
- ISO 9001, 14001 and OHSAS 18001 certified company
- Multi-cultural talent pool from diverse cultures across borders

Quality Benchmarks

Certified by TUV-SUD for ISO 9001:2015, ISO 14001:2015 and ISO 18001:2018.



Project Management & Execution

After achieving prominence in manufacturing, the company is involved in inculcating superior project management and execution expertise in its EPC business for clients and provide value-added turnkey solutions.

Resources

A perfect blend of key resource-people, equipment and a competitive network of service providers has enabled the company to establish itself in the market

People

The company has highly experienced and capable team of project management and project execution it comprises project managers, engineers and skilled technicians. The team is experienced in conventional as well as advanced methods of project execution.

Consider Us

We build superior solar power plants with experience and expertise. Our mission is to be a market leader by providing comprehensive solutions to our discerning clients. A dedicated team with specialized skill sets, curated to tackle complex turnkey projects, effectively.



Lubi Electronics

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