

# SWITCH ON TO SOLAR POWER

FOR SUSTAINABLE FUTURE





#### **COMPANY OVERVIEW**

- Vihaan Solar is an Indian renewable based energy company, we are more than just a new entrant in the solar EPC industry. we are pioneers on a mission to revolutionize clean energy solutions. our journey is fuelled by passion, innovation, and a commitment to sustainable development
- Through a network of skilled professionals, we are able to serve commercial and industrial clients across the country.
- We are a dedicated team of solar enthusiasts, driven by the belief that a greener world is not just possible; it's necessary









#### **VISION**

"Empowering Communities through Clean Energy Solutions""

### **MISSION**

"Our mission is to be a prominent player for Solar power solutions by offering superior quality and exceptional customer service, while remaining a sought-after company for our employees, partners and investors."

#### WHO ARE WE

We are a dynamic team of professionals driven by a shared vision to create a positive impact on the environment.

Praveen Gunda, bring a wealth of expertise in 10+ years experiences and a shared commitment to building a cleaner, Greener tomorrow.

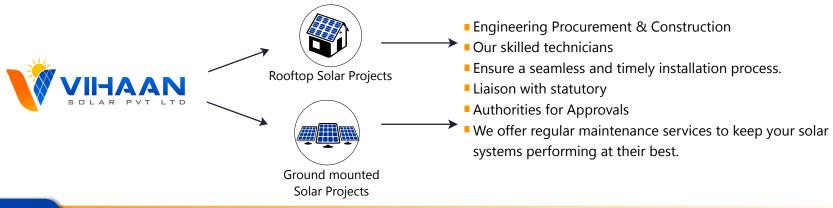
### **Why Choose Vihaan Solar**

**Expertise:** Our team comprises skilled professionals with a wealth of experience in solar technology, ensuring that every installation meets the highest standards of quality and efficiency.

<u>Custom Solutions:</u> We understand that every project is unique. Our commitment to tailored solutions means that we work closely with our clients to design installations that perfectly fit their needs.



<u>Sustainability:</u> We don't just install solar panels; we promote a way of life that prioritizes eco-friendly practices. Our installations are a testament to our commitment to reducing carbon footprints and mitigating environmental impact.



#### **What We offer**

**Engineering Excellence:** Our team of skilled engineers ensures that every project meets the highest standards of quality and efficiency.

**End-to-End Solutions:** From conceptualization and design to construction and maintenance, we offer comprehensive solar EPC services.

**Reliability:** Clients can trust us to deliver on time and within budget, providing peace of mind throughout the project life cycle.

**Installation:** Our skilled technicians ensure a seamless and timely installation process.

**Maintenance:** We offer regular maintenance services to keep your solar systems performing at their best.

### **Meet Our Leadership Team**

#### Ranjith Kumar (Director)

Head-Business development, worked for over 15+ years as a leader in the Solar Energy industry where he held senior management positions in various companies. Over his career, which he leveraged his multi-disciplinary background in project management, engineering, and energy law to advanced clean energy projects from inception through development, to the EPC phase and delivered a track record of growth, operational excellence, and benchmark P&L performance.

**Praveen Gunda** is passionate about clean energy, and he is excited to be exercising his skill set to advance the transition to a clean energy where he sees a planet where his three children and their generation thrive in a more sustainable world.

### **Executive Summary**



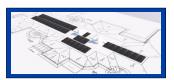
### COMPANY OVERVIEW



Leading Solar Rooftop and EPC & Design Services Company



Headquartered in Hyderabad, Telangana



Providing solar Design Services to USA.
Our teams are well aware of National
Electric Codes (NEC)



+3 MWp Solar CapacityInstalled

### **KEY HIGHLIGHTS**

- End to End Customer Service
- Execution Track Record
- Promoter's Expertise

- Partnership with Lenders & Investors
- Qualitative Services Performance
- Cost Competitiveness

### **Our Projects:**



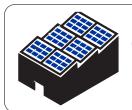


Sistla infrastructure private limited



**300+** 

Residential Projects successfully installed.



**650 kWp**BPC Energies Private limited.



50 MW+

Engineering Services provided across India & The USA to various Companies



### Harnessing Solar Energy Process Flow



Radiations from Sun falls on the Earths Electromagnetic Waves to Solar Panels







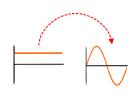


#### Photons to Direct Current

Photons striking Solar Cells inside the Solar Panels displace the electrons thereby creating a potential difference and resulting in generation of DC Power

# Direct Current to Alternative Current

An Inverter of suitable characteristic converts the Direct Current from Solar Panels to Alternative Current which is compatible for use by most electrical loads



Direct Current Alternating Current

#### **Grid Interactive**

Generated AC Power from Inverter is fed into the Consumer's electrical network and after meeting internal consumption any excess is supplied to DISCOM (Distribution Companies), under Net Metering Model



### **Captive Utilization**

Under this, the AC Power is used internally by the Rooftop Solar consumer to power his loads. The Solar Power gets utilized first, and only the balance requirement is met by Grid Power. Export of Power to Grid is not envisaged/restricted







### **Process Flow – Solar Project Installation**











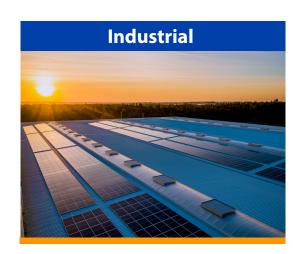






# WHAT WE OFFER













## **SOLAR PV PARTNERS**

































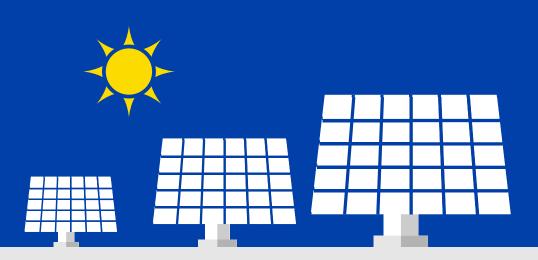








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### **Scan for more Details**

