

SKYNET SYSTEMS

BUSSINESS PROFILE

Introduction

Founded in 2007, Skynet Systems has been continuously delivering innovative solutions in the fields of IT, electronics, renewable energy, EV charging infrastructure, and advanced technology development. With a strong commitment to quality, innovation, and sustainable growth, the company has established itself as a trusted name in providing modern technological solutions that support the evolving needs of businesses and society. Through its expertise and forward-thinking approach, Skynet Systems continues to contribute toward a smarter, greener, and more connected future.

About us:

Our company is located in Lucknow,

254/1, New Jiamau Colony, Hazrat Ganj, Lucknow. (226001)

SKYNET SYSTEMS

TECHNOLOGY and INNOVATION

o o o o

9335281347

skynet.systems2007@gmail.com

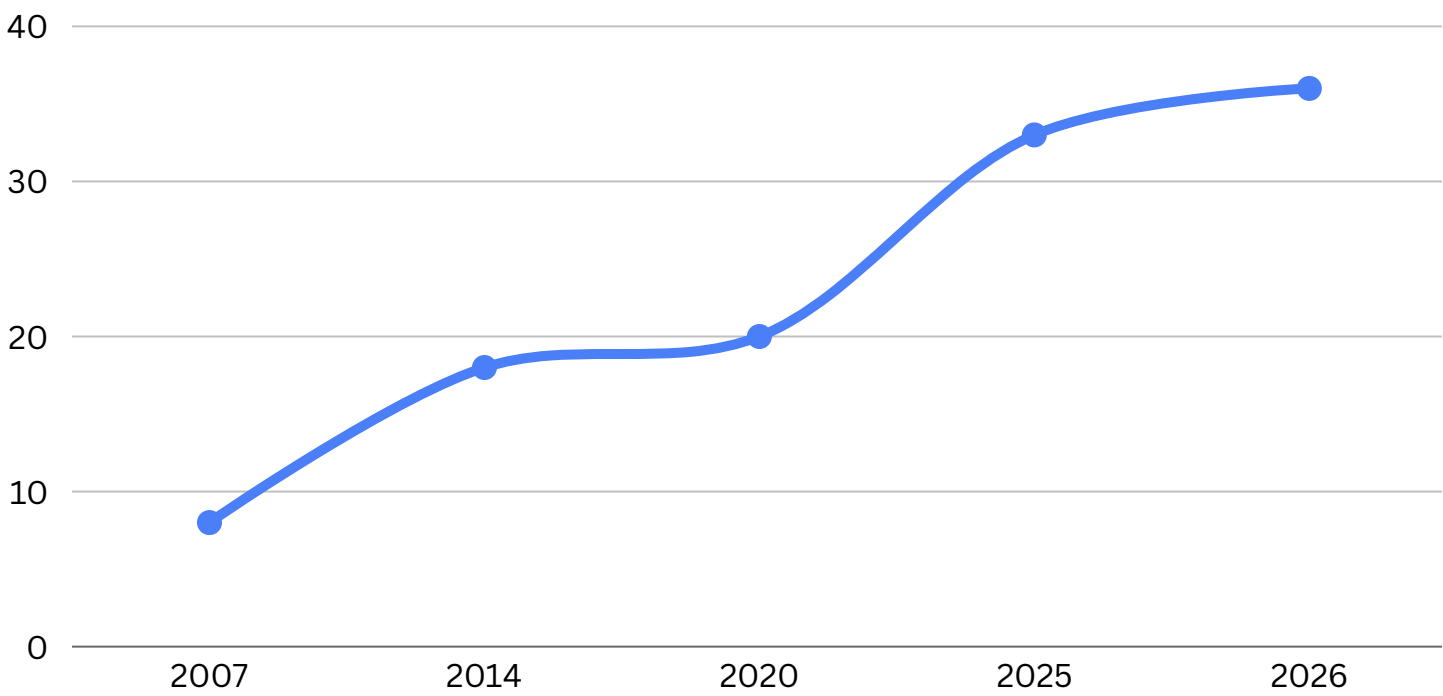


Our working sectors

IT and electronics	Renewable energy	Technology and innovation
Skynet Systems is a technology-driven company specializing in the fields of IT and electronics, dedicated to delivering innovative and reliable solutions since 2007.	Skynet Systems is actively contributing to the renewable energy sector by providing innovative and sustainable energy solutions.	Skynet Systems is committed to advancing technology and innovation through the development of modern, efficient, and future-ready solutions.

Our growth over the years

- 2007-2014: computer maintenance
- 2014-2020: Telecom (Networking)
- 2020-2025: Renewable Energy (PM suryaghar yojna)
- 2026 onwards : (PM E- Drive) and Lthium Ion technology





SS POWER

Power Output: 22 kW

Supply & Voltage: 240 V,
single phase



**Power Output:
60 kW**

Voltage Rating:
3 Phase, 415V ac (-10% to 10%)
360V-460V

Output Current:
200A per gun







SS POWER

CLEAN ENERGY • BRIGHTER TOMORROW

LITHIUM ION BATTERIES

High Performance | Long Life | Reliable Power

POWERING
A SUSTAINABLE
FUTURE



72V 100Ah
LiFePO4
Long Cycle Life | High Safety | High Efficiency

48V 100Ah
LiFePO4
Long Cycle Life | High Safety | High Efficiency

48V 50Ah
LiFePO4
Long Cycle Life | High Safety | High Efficiency



HIGH ENERGY



LONG



ADVANCED



ECO

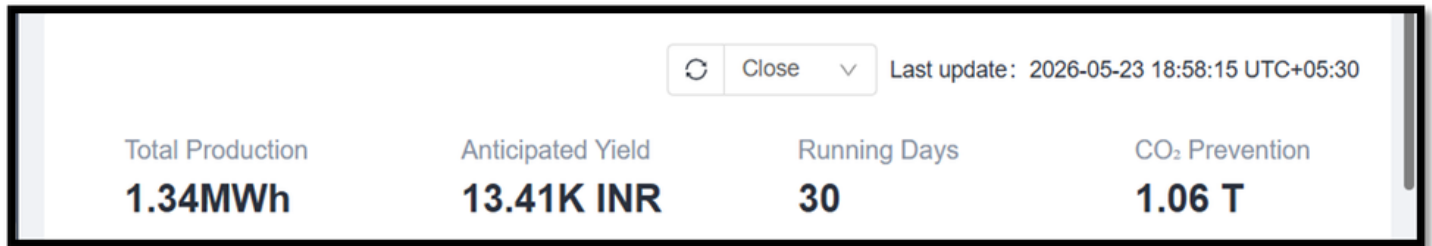


WIDE RANGE

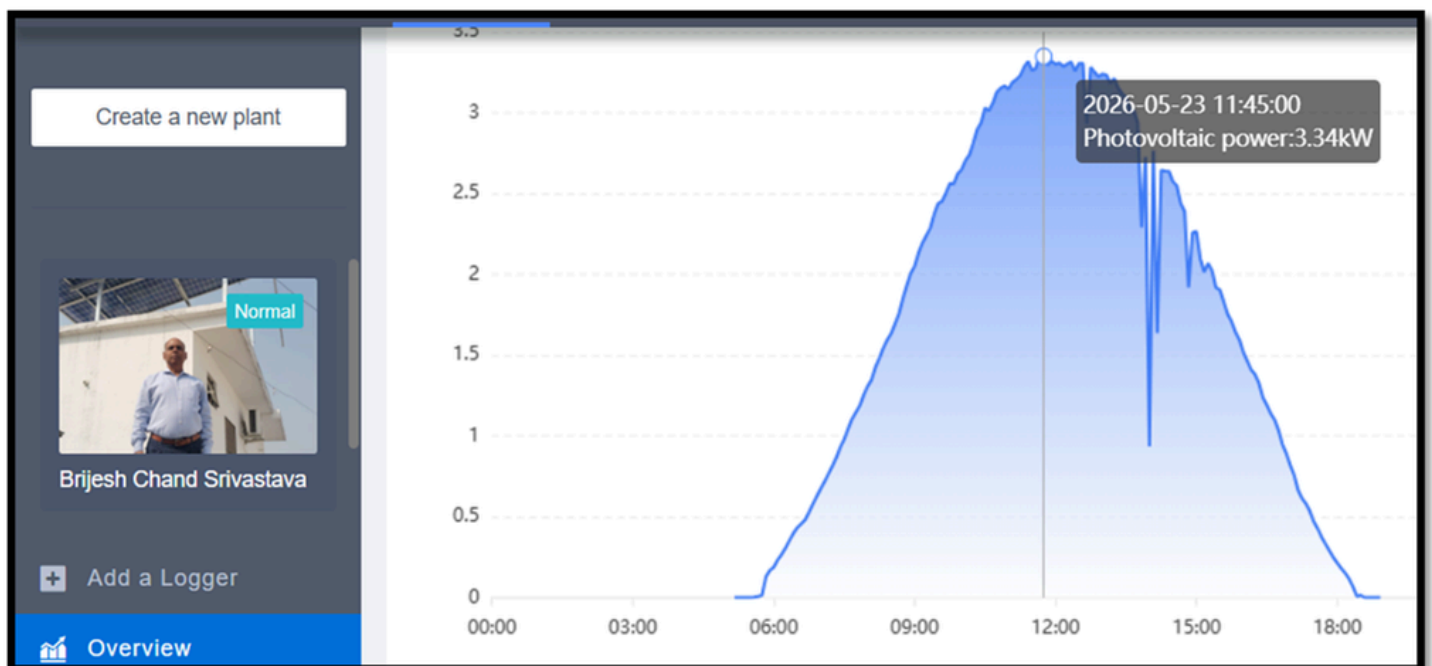
Skynet Systems specializes in the advanced engineering, diagnostic maintenance, and precision repair of high-performance lithium-ion battery technology.

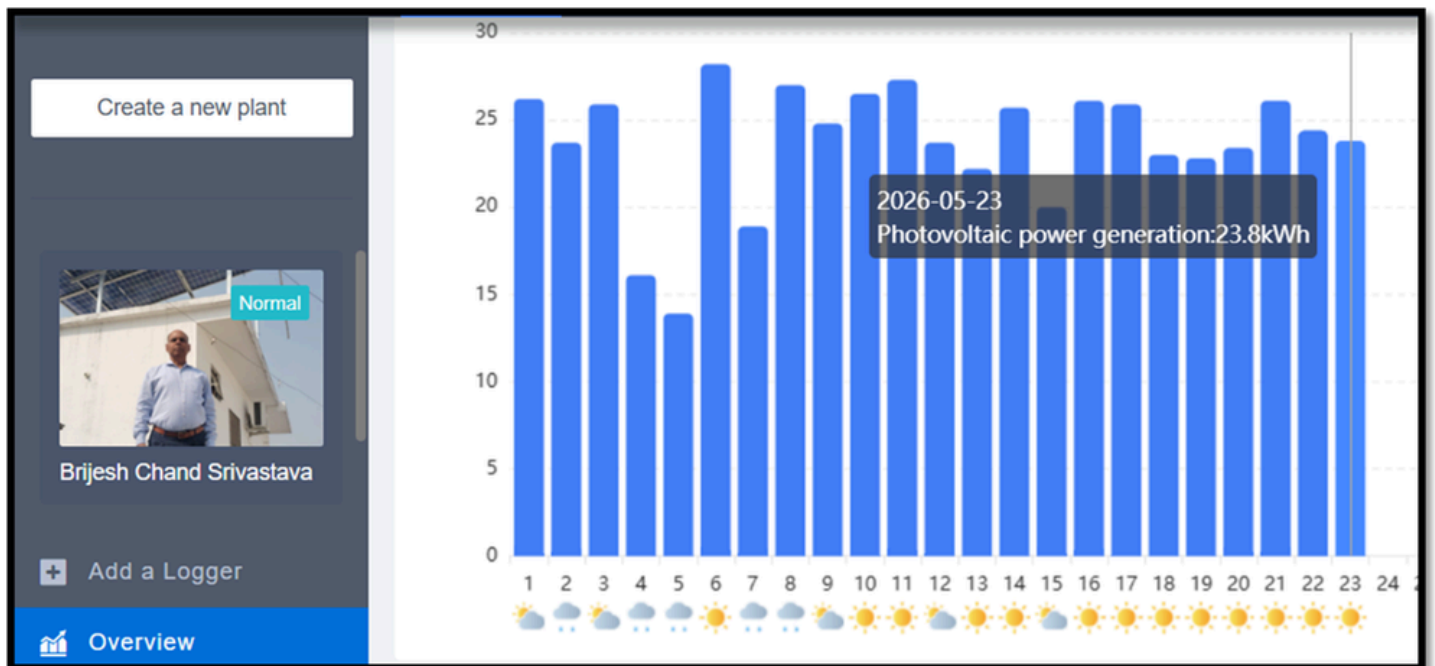
Energy Analysis

This graph shows energy production at our installed sites



Our client **Mr.Brijesh Chand Srivastav**





ENERGY PRODUCTION

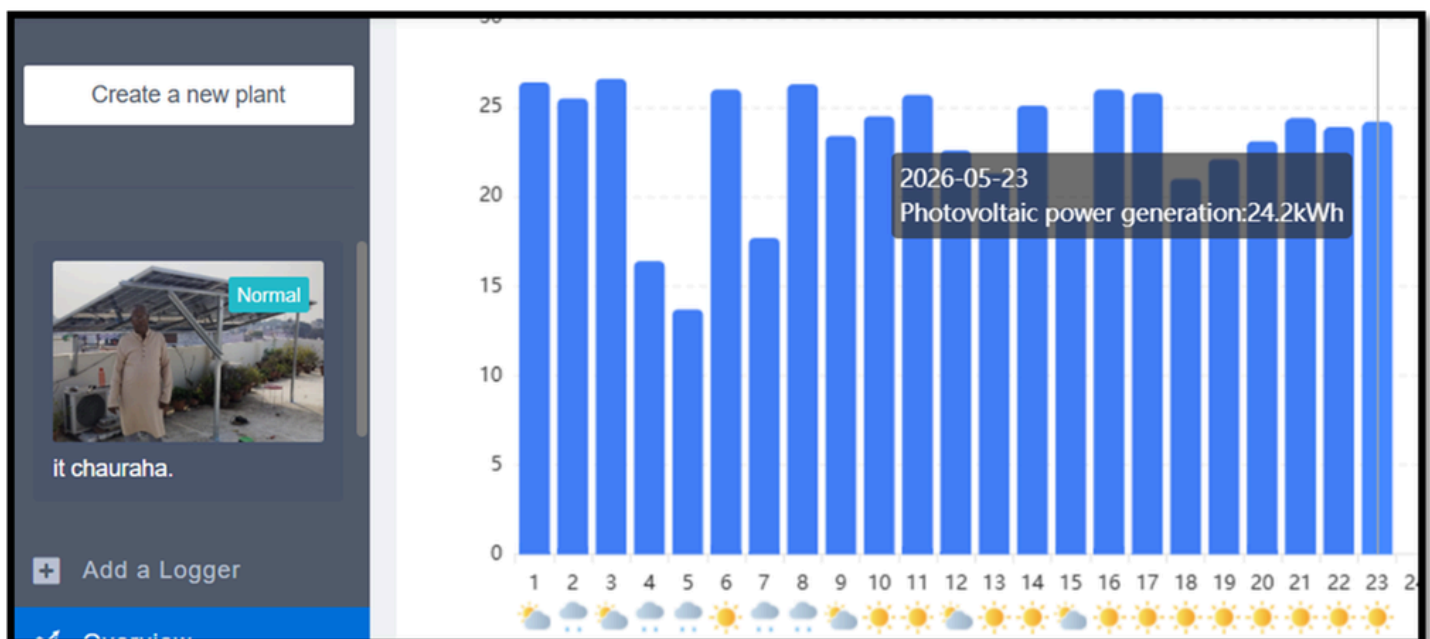
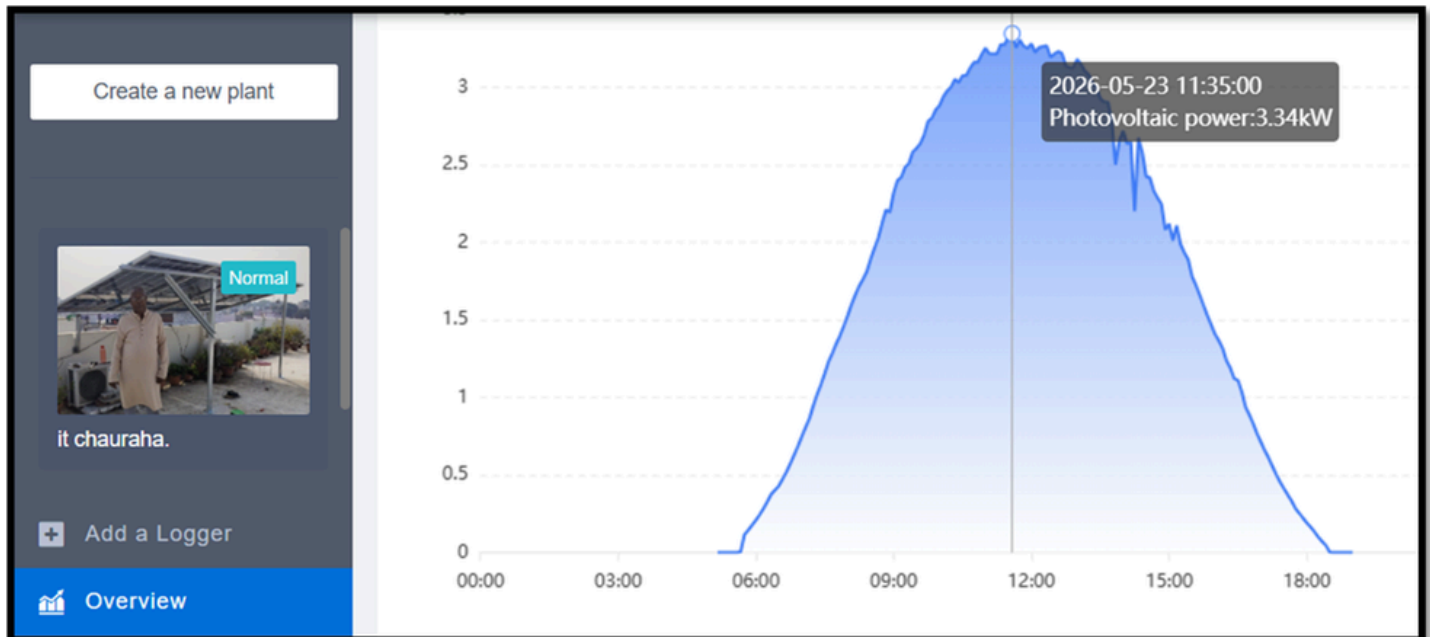
At the residence of customer **Mr. Brijesh Chand Srivastav**, the solar energy system has shown positive performance over the last **30 running days**. The system has generated a total production of **1.34 MWh** of electricity, with an **anticipated financial yield of approximately INR 13.41K**. Additionally, the installation has contributed to environmental sustainability by preventing around **1.06 tons of CO₂ emissions**, demonstrating both economic and environmental benefits of the solar setup.

Total Production
7.35MWh

Anticipated Yield
73.53K INR

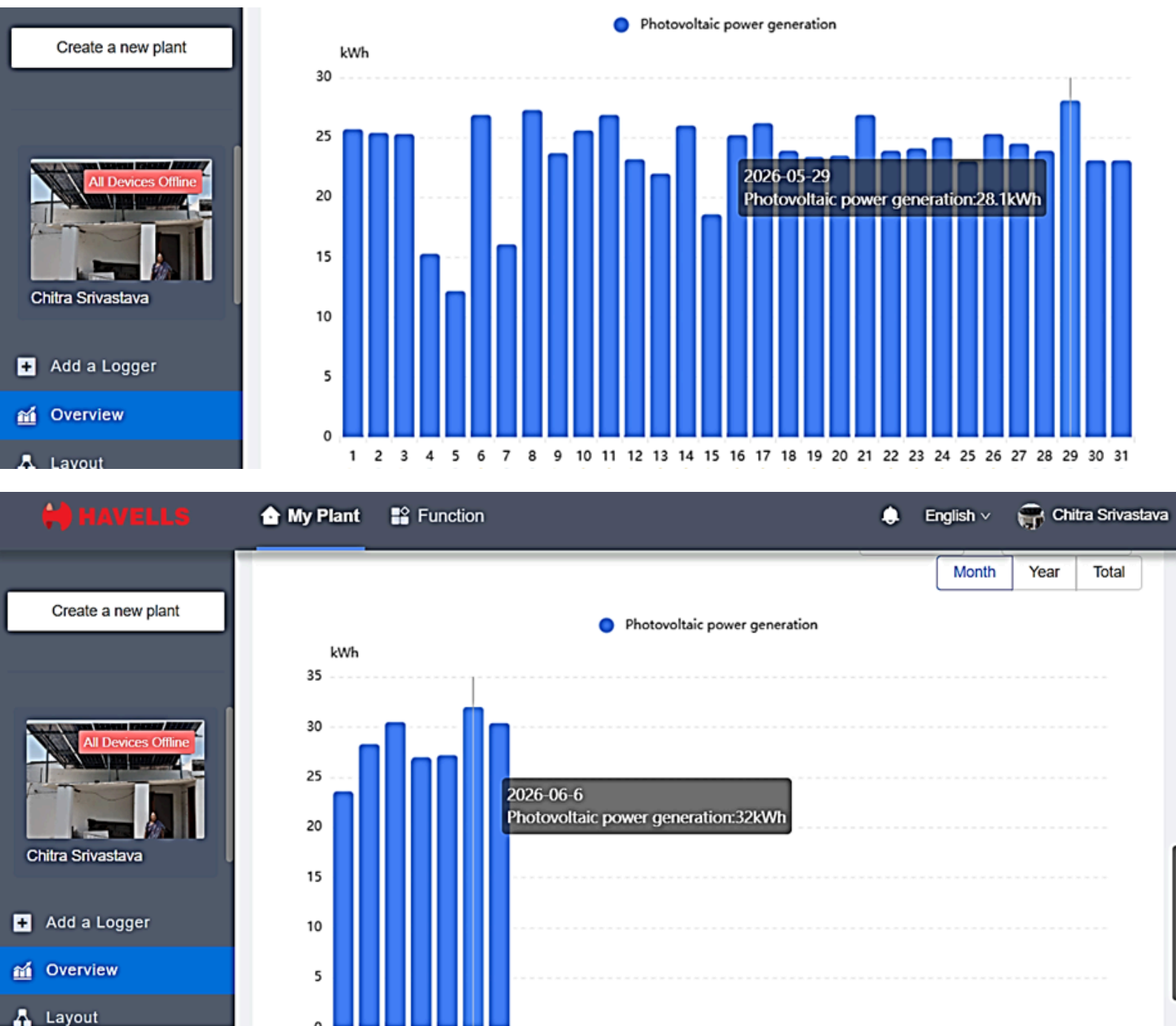
Running Days
445

CO₂ Prevention
5.83 T



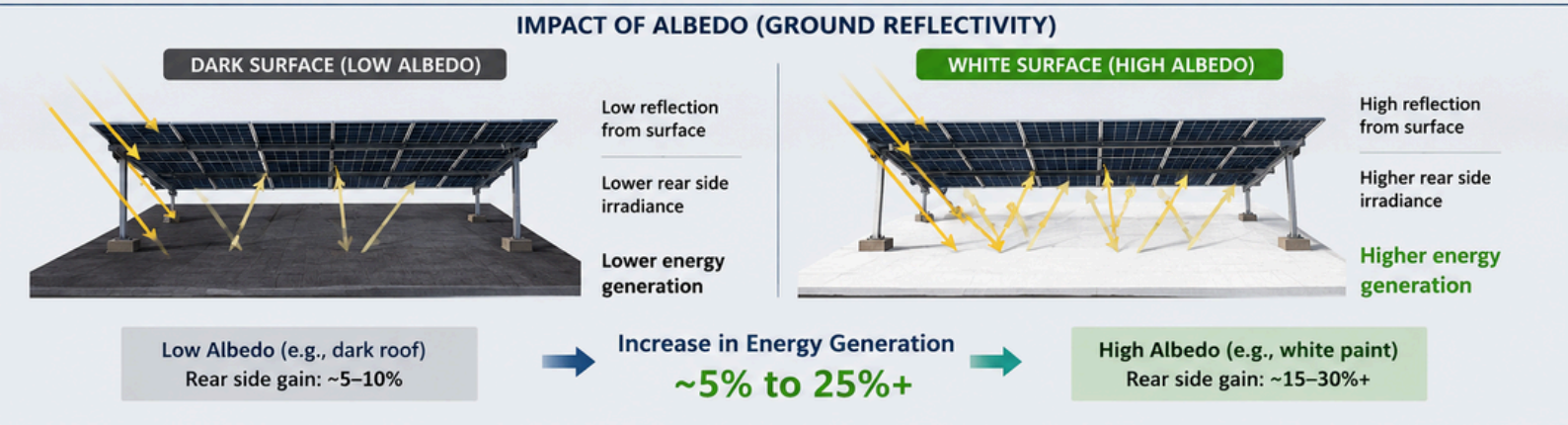
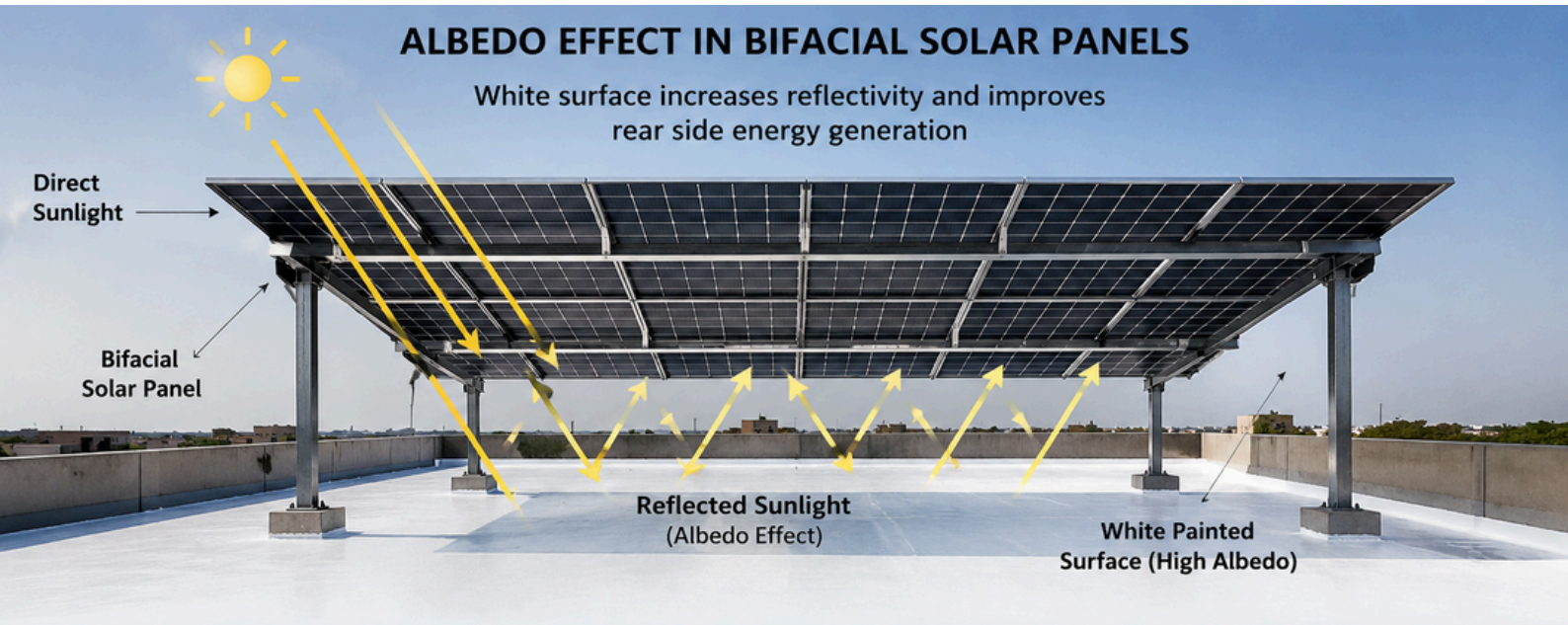
At the residence of customer **Mr. Ashok Kumar**, the solar energy system has delivered strong performance over **445 running days**. The system has achieved a total electricity production of **7.35 MWh**, generating an **anticipated financial yield of approximately INR 73.53K**. In addition, the installation has supported environmental sustainability by preventing around **5.83 tons of CO₂ emissions**, highlighting the long-term economic and environmental advantages of the solar power system.

Technological breakthrough



After applying white paint on the surface beneath the bifacial solar panels, a significant increase of approximately 4 kW in total energy generation was observed almost every day. The white surface enhanced light reflection (albedo effect), allowing the rear side of the bifacial panels to capture more sunlight and improve overall system efficiency.

Albedo Effect



ALBEDO EFFECT

White painted surface reflects more sunlight (high albedo), which increases energy generation from bifacial solar panels.

DIRECT SUNLIGHT

BIFACIAL SOLAR PANELS

Capture sunlight from both sides – front (direct sun) and rear (reflected sun).

REFLECTED SUNLIGHT (ALBEDO EFFECT)

White surface has high albedo (~0.70 – 0.85) which reflects more sunlight to the rear side of the panels.

WHITE PAINTED SURFACE (HIGH ALBEDO)

- ✓ Reflects more sunlight
- ✓ Increases rear side irradiance
- ✓ Improves overall energy production

RESULT: HIGHER ENERGY GENERATION

Due to high albedo from white painted surface, more sunlight is reflected to the rear side of the bifacial panels, increasing total power output.



**MORE REFLECTION
BETTER PERFORMANCE
HIGHER ENERGY YIELD**



Lucknow, Uttar Pradesh, India

2/250, Railway Station Rd, Vivek Khand 2, Gomti Nagar,
Lucknow, Uttar Pradesh 226010, India
Lat 26.860284° Long 80.998132°
16/08/2025 12:34 AM GMT+05:30



GPS Map Camera

Google

Our Work Experiences in

RAILWAY ELECTRIFICATION and Research Designs and Standards Organisation (RDSO)

Founded in 2007, Skynet Systems has significantly impacted the railway sector by specializing in railway electrification and support services for the Research Designs and Standards Organisation (RDSO). The company contributes to modernizing railway infrastructure through technical expertise and innovative electrical solutions in electrification projects.

IRCON International Limited.

Skynet Systems provides IT support and computer maintenance for IRCON International Limited, ensuring efficient operations by maintaining systems and network infrastructure. Their reliable support enhances operational efficiency and digital reliability in railway-related projects.

NEC Corporation India Pvt Ltd.

Skynet Systems has partnered with NEC Corporation India Pvt. Ltd. for microwave installation and commissioning services. They have assisted in deploying advanced communication systems by installing, testing, and aligning microwave equipment. Their skilled workforce and focus on quality have contributed to building reliable telecom infrastructure, ensuring efficient connectivity and operational performance.





Our strengths

- Experienced technical team
- Quality assurance
- Timely project execution
- Reliable service support
- Innovative solutions
- Safety standards

Team & Expertise

- Skilled workforce
- Engineers & technicians
- Technical support team

Infrastructure & Equipment

- Tools & machinery
- Technical equipment
- Service facilities
- Testing instruments

**“ Driven by Technology,
Powered by Trust ”**

Services Offered:

- ☐ IT & Networking
- ☐ Electronics Services
- ☐ Renewable Energy Solutions
- ☐ EV Charging Station Installation
- ☐ Railway Electrification
- ☐ Microwave Installation & Commissioning
- ☐ Computer Maintenance Services
- ☐ Infrastructure & Technical Support

Industries Served

- Railways
- Telecommunications
- Renewable Energy
- Government Projects
- Infrastructure
- Industrial Sector

Our Trusted Clients

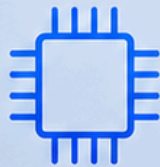
1. Research Designs and Standards Organisation (RDSO)
2. IRCON International Limited
3. NEC Corporation India Pvt. Ltd.
4. Ministry of Environment and Forests.
5. Vodafone Idea Limited
6. Bharat Petroleum Corporation Limited
7. Press Information Bureau.

Achievements

- 800+ installation all over Uttar Pradesh with our teams and collaborations
- working experience of 26 years



SKYNET
— SYSTEMS —



Thank you

“Your Trusted Partner in Technology & Renewable Energy”