

**AELIUS**  
ENERGY GENERATING AESTHETIC SURFACES

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## Aelius Turbina LLP

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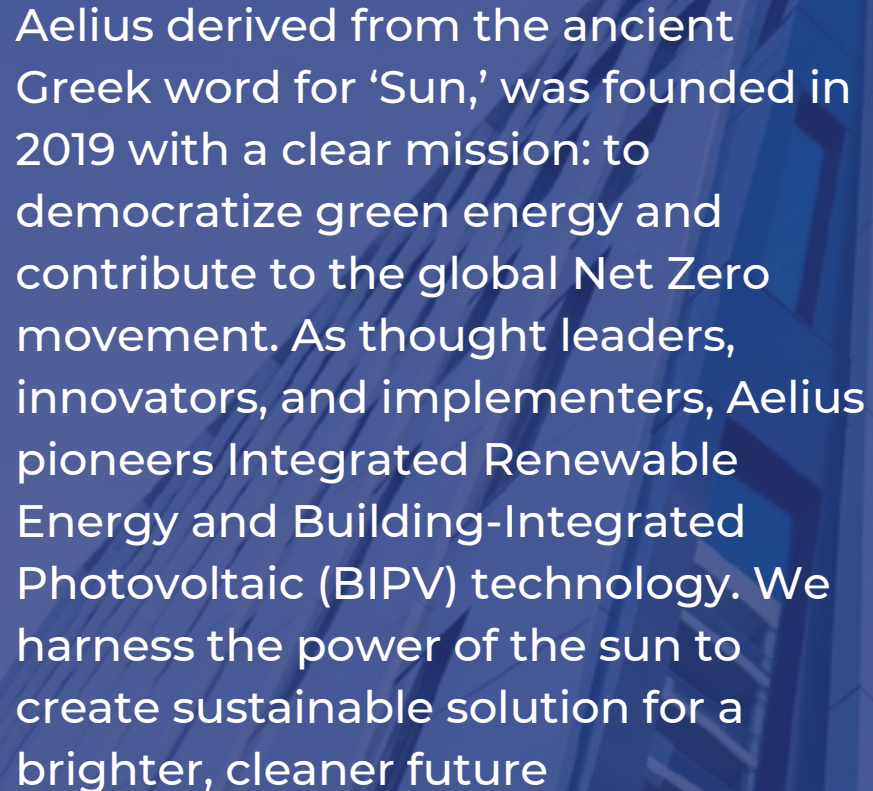
## OUR FOUNDER

Mr. Ankit Modi holds a Master's degree in Renewable Energy and Architecture from Nottingham University, UK, and a Bachelor's degree in Construction Engineering. With over 15 years of experience in the renewable energy sector, he is a recognized expert and a member of several prestigious organizations, including BREEAM (UK), IGBC, and GRIHA AP. Additionally, he is a certified Low Carbon Consultant with CIBSE (UK)

## CONTENT

About us  
Mission, Vision & Values  
Company growth  
Services  
Solutions  
Projects  
Industrial  
Commercial  
Residential  
Religious  
Hospital  
Solar Architecture  
Upcoming Projects  
Our clients





Aelius derived from the ancient Greek word for 'Sun,' was founded in 2019 with a clear mission: to democratize green energy and contribute to the global Net Zero movement. As thought leaders, innovators, and implementers, Aelius pioneers Integrated Renewable Energy and Building-Integrated Photovoltaic (BIPV) technology. We harness the power of the sun to create sustainable solution for a brighter, cleaner future

## MISSION

Making renewable energy accessible to all

## VISION

Energising surfaces aesthetically

## CORE VALUES

Innovation,  
Customer centricity,  
Transparency

- Awarded Runner's up in the international "**Innovative Solar Applications**" by MNRE & Germany

- **Hon'ble PM Narendra Modi** inaugurated the 1 Mwp Solar Carport at Shrimad Rajchandra Hospital, Gujarat

- Built the **largest industrial rooftop** solar plant of 2MWp in Gujarat

- Successful PoC of Solar-as-a-Roof (BIPV Roof)

2020

2019

- Inception & first few solar rooftop projects

2021

- Invited by **GOI** to **Dubai Expo** to showcase BIPV Innovation
- Awarded the **Best Green Energy** Startup

2022

2023

- Showcased our innovative BIPV Innovations at **World Economic Forum** at Davos, Switzerland
- Filed **first patent** for **Insulated Solar Board**

2025

- Fully automatic manufacturing line of 300 MWp for BIPV
- India's First **Designer Solar** Project
- **20 MWp Solar Park** in Maharashtra

2024

- Our first **Captive Solar Park** of **20 Mwp** with Tracking system in Anand, Gujarat
- Commissioned **80+** Rooftop Solar projects with a combined capacity of **16MWp+** till date



# ACHIEVEMENTS



Featured in Gulf News, Dubai - As most Promising Tech-Startups 2021

Signed Indian Green Building Council (IGBC) mission on Net Zero



Certificate of Recognition as a startup by the Department for Promotion of Industry and Internal Trade



- Panelist & Curator of the first Indian BIPV Report by MNRE, CSIR & SUPSI



Awarded Best Green Energy Startup 2021

- Invited to SLUSH 2022, Finland as a part of Indian Delegation
- Finalist in Maharashtra State innovation Challenge

# SERVICES

# SOLUTIONS

## Solar Architecture



We design solar structures, solar building skins, provide consulting, R&D and cost surveys to developers, architects, engineering offices and municipalities.



## Green Building Certification

We can provide Net Zero Certification for your building or factory, ensuring sustainable and carbon-neutral operations



## EPC

We offer end-to-end services, including design, engineering, procurement, and construction of solar plants.



BIPV ROOF



GROUND MOUNT



ROOFTOP SOLAR





# INDUSTRIAL

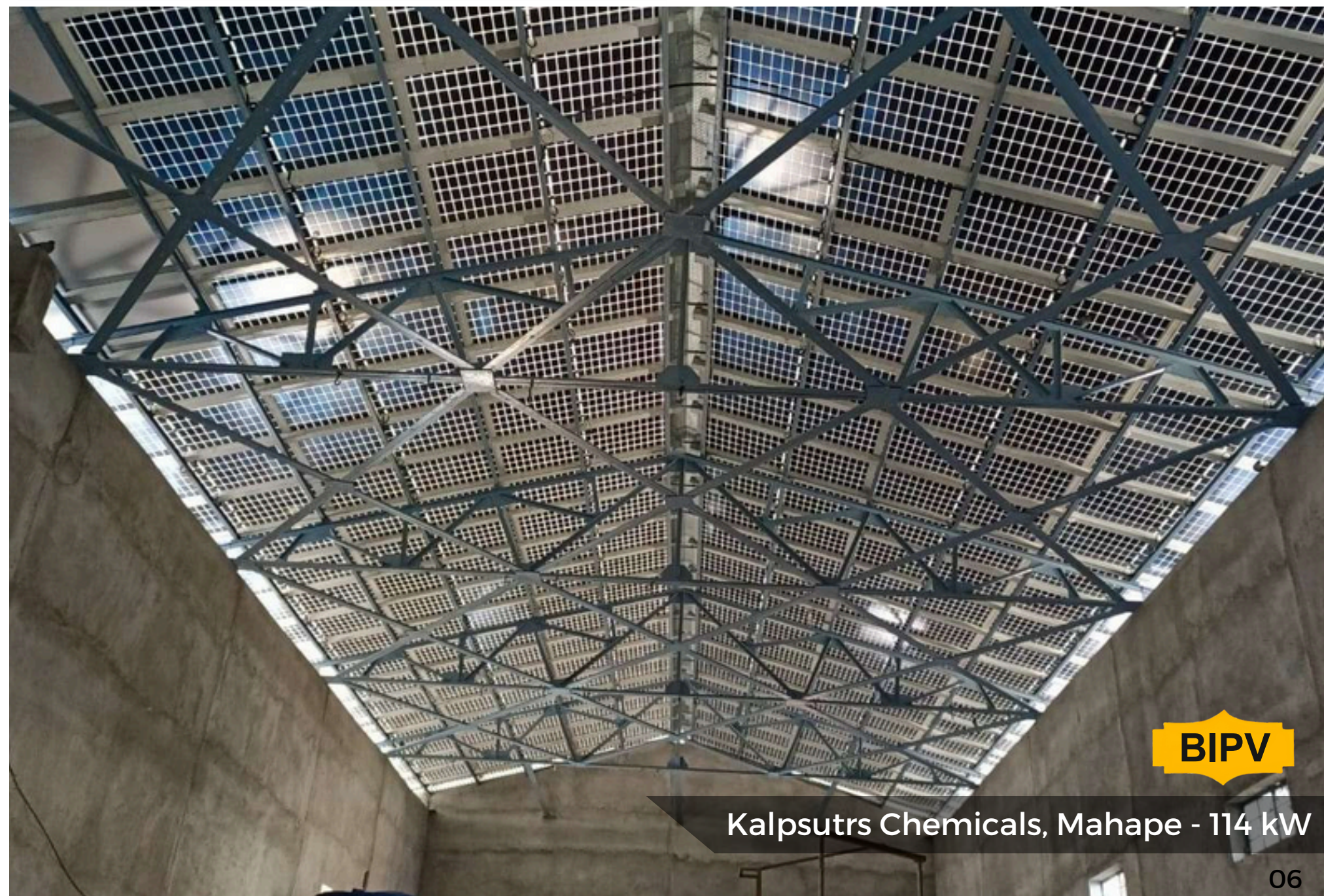


Arams Textiles, Rajasthan - 800 kW



Liladhar Passo, Bhiwandi - 450 kW



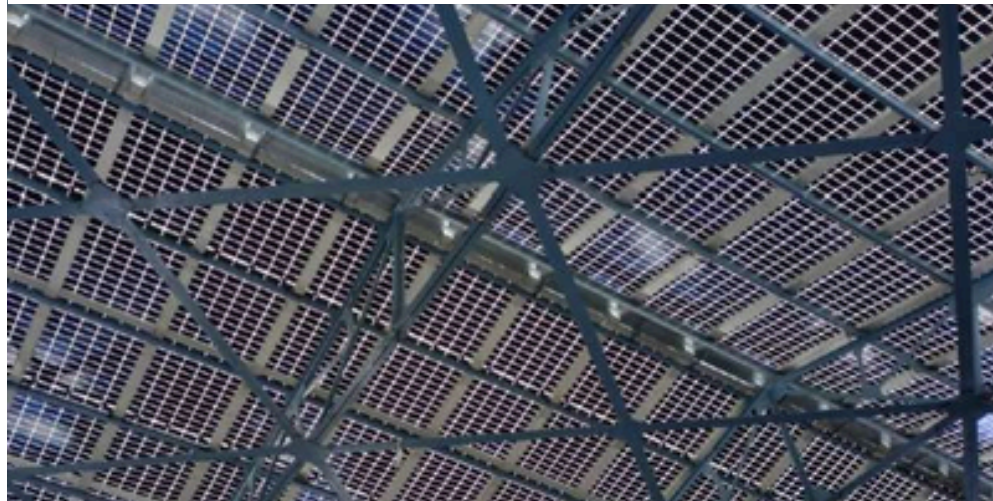


Kalpsutrs Chemicals, Mahape - 114 kW



Kalpustra Chemicals, Mahape - 114 kW

**BIPV**



**BIPV**

V - trans, Pardi- 150 kW





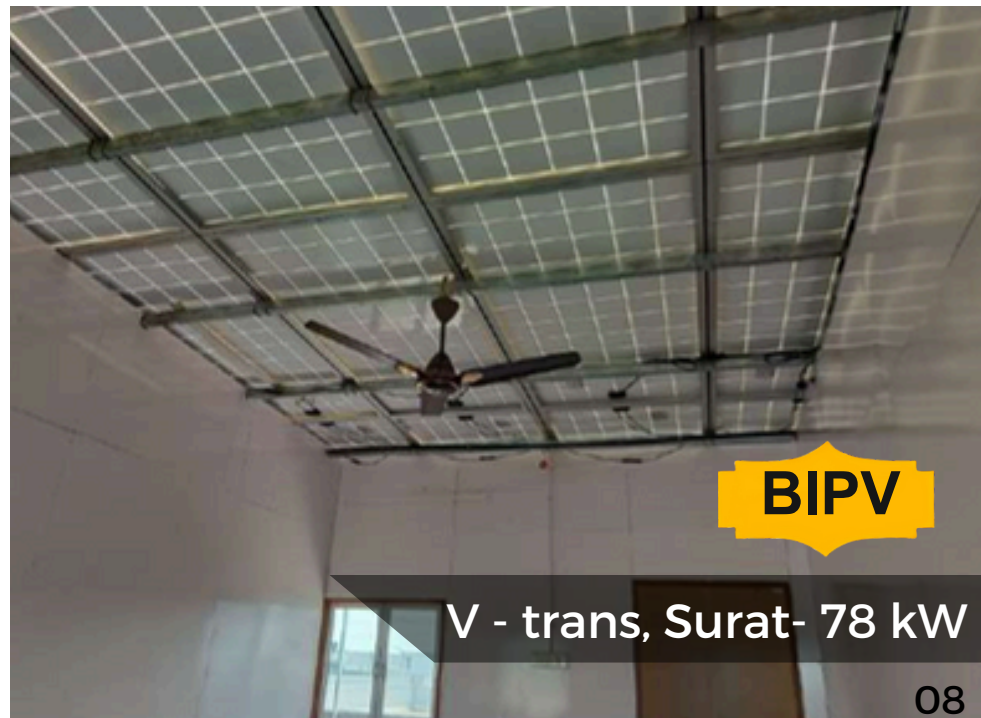
Saathvik Food Agro, MP - 157 kW



V - trans, Karelibaug- 50 kW



**BIPV**



**BIPV**

V - trans, Surat- 78 kW





Coral Labs, Daman - 17 kW



Mayur Straps, Rajkot - 50 kW



V-trans, Goblej - 50kW







Navneet Education, Silvassa - 100 kW



New Bharat, Umergaon - 100 Kw



Mercury, Ankleshwar - 240 kW





Gandhi Special Tubes, Vadodra - 2 MW







Kiran Rubbers, Mumbai - 8 kW



Sagar Syntwist, Daman - 28 kW



Krishna Plastic, Daman - 33 kW



V-trans, Bhiwandi - 32 kW



## Kalpsutra chemicals Pvt Ltd, Ambernath - 272kW





Mercury Industries, Saykha - 478KW



Mercury Industries, Pune - 236KW







# RESIDENTIAL



**BIPV**

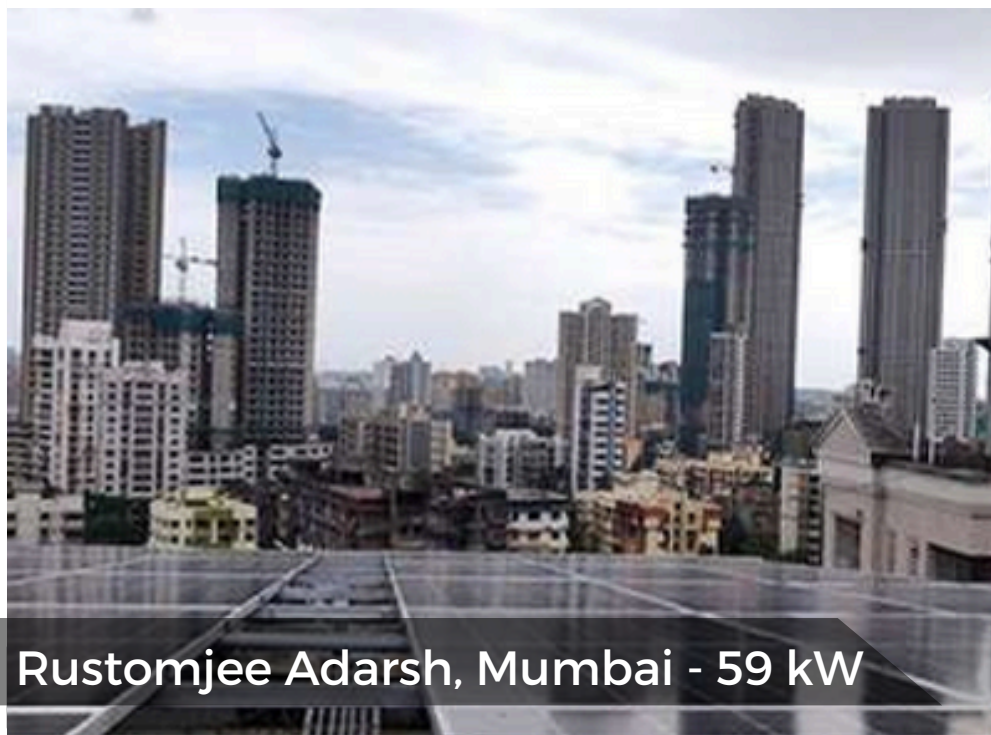
Hastagiri CHSL, Mumbai - 10 kW



**BIPV**

Interlink Realty, Khandala - 10 kW





Rustomjee Adarsh, Mumbai - 59 kW



Prabhat Urban CHSL, Mumbai - 3 kW

**BIPV**





Kailash Jyoti, Mumbai - 33 kW



Dhavalgiri CHSL, Mumbai - 45 kW



Dhavalgiri CHSL, Mumbai - 45 kW



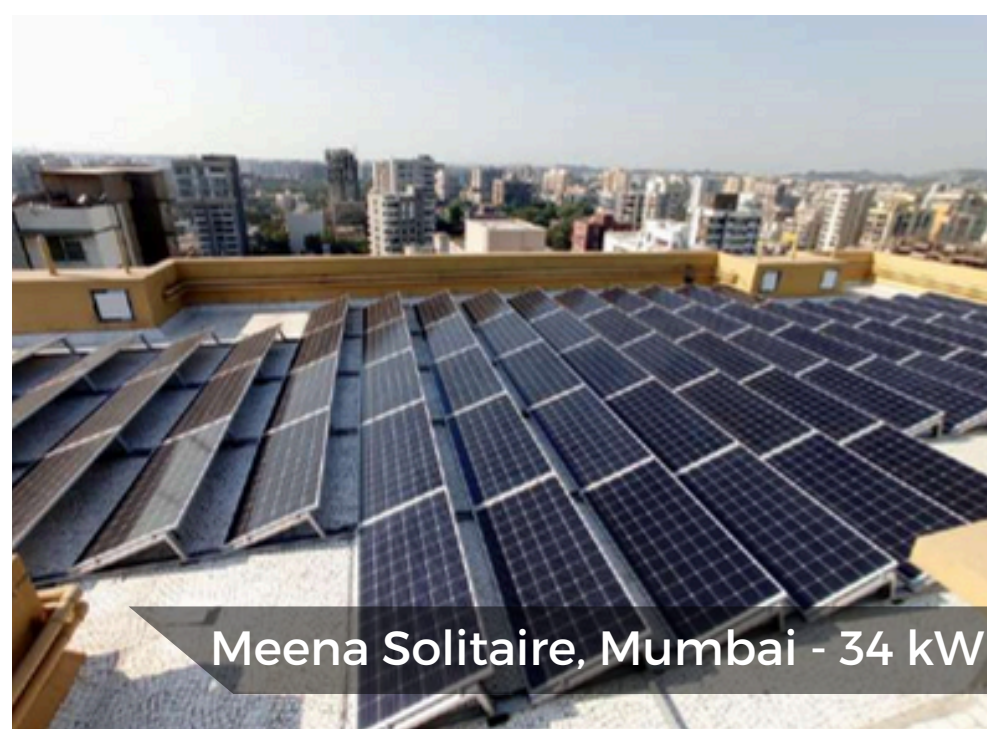
Silver Court, Mumbai - 23 kW







Adinath Tower, Mumbai - 25 kW



Meena Solitaire, Mumbai - 34 kW



Nilgiri CHSL, Mumbai - 30 kw



Marathon Emerald, Mumbai - 33000 LPD



Parvati Heritage, Mumbai - 38.28 kW



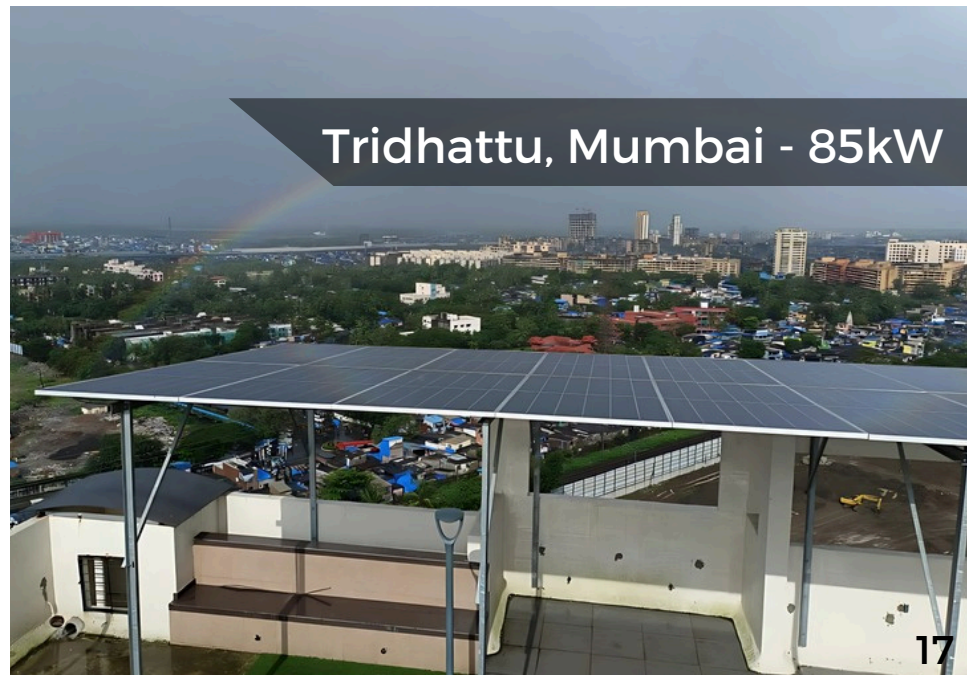
Jade Garden, Mumbai - 8.19 kW



Bhaveshwar Arcade,  
Mumbai - 50 kW



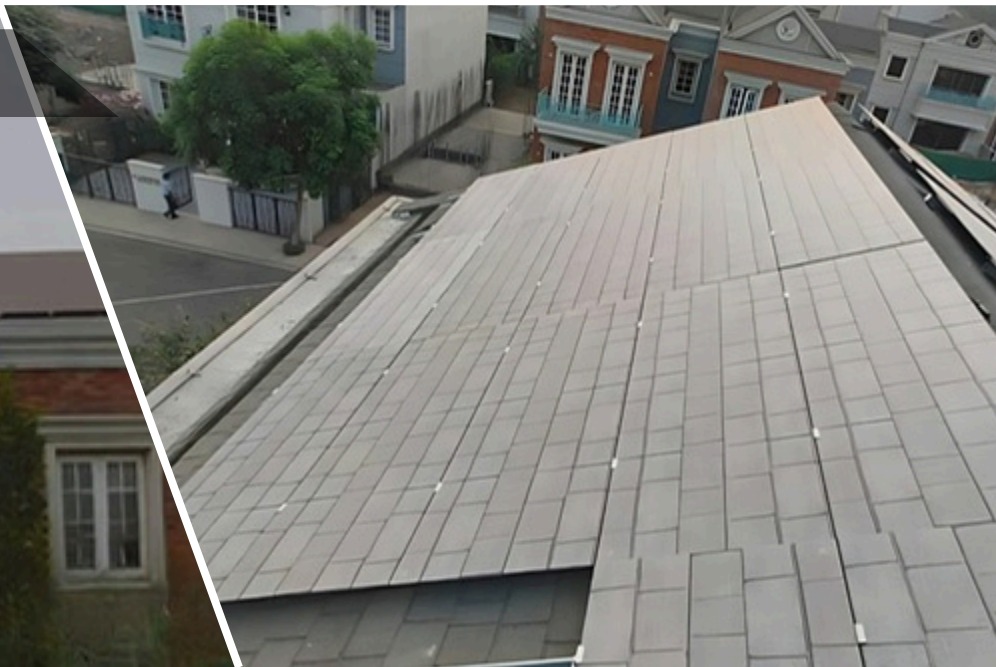
Tridhattu, Mumbai - 85kW





# Lodha Upper Villa, Mumbai - 9.14 kW

**Designer  
Solar**







**BIPV**

Swastik, Mumbai - 70 kW



# Commercial





**BIPV**

Family Health Plan Insurance,  
Mumbai - 10.53 kW



**BIPV**

Rupa Renaissance, Mumbai - 300kW





Neelkanth Corporate Park - 40 kW



Zest Business Spaces, Mumbai - 38 kW







Dipti Veg Oils, Mumbai - 23 kW



Atlas SkillTech University,  
Mumbai - 26 kW



Atlas University, Mumbai - 26 kW





# Religious



Mahavirdham Jain Mandir,  
Mumbai - 26 kW



Balotra Masjid, Rajasthan - 10 kW





# Hospital



Shree Vidhya Guru Foundation,  
SavarKundla - 50 kW





## Shrimad Rajchandra Hospital, Dharampur - 1MW





# CARPORT

**BIPV**

Shrimad Rajchandra Hospital, Dharampur - 1MW



# SOLAR ARCHITECTURE



SOLAR FACADE



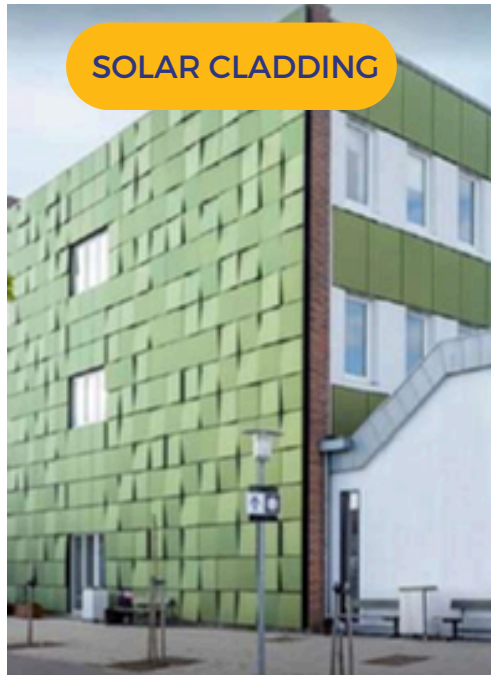
SOLAR ROOFTILE



SOLAR FLOORTILE



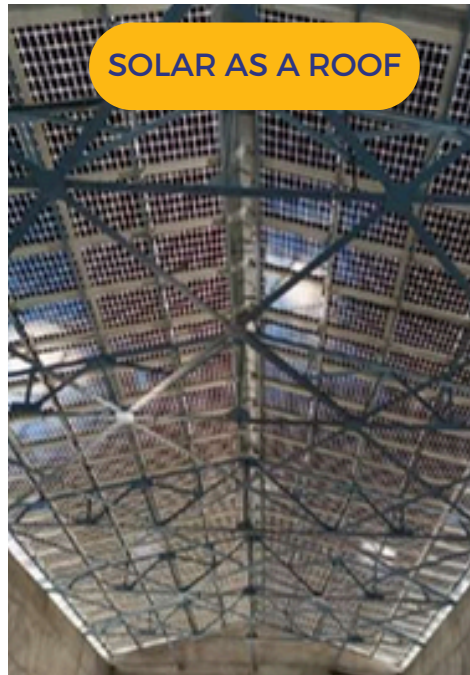
SOLAR RAILING



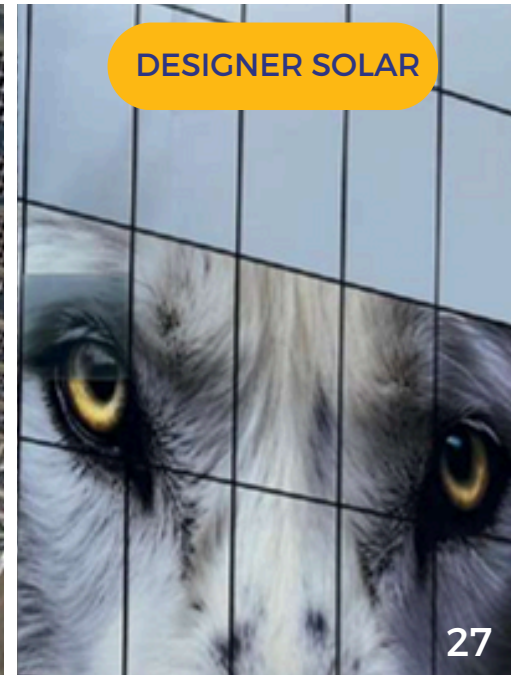
SOLAR CLADDING



SOLAR AWNING



SOLAR AS A ROOF



DESIGNER SOLAR



# 20 MWp

Solar Park in Anand, Gujarat

Work in Progress





# 25 MWp

An aerial photograph of a large-scale solar farm. The image shows numerous long, parallel rows of solar panels installed in a grassy field. The panels are tilted towards the sun, which is visible in the upper center of the frame, creating a bright glow. The rows of panels recede into the distance, where a line of trees and rolling hills are visible under a clear sky.

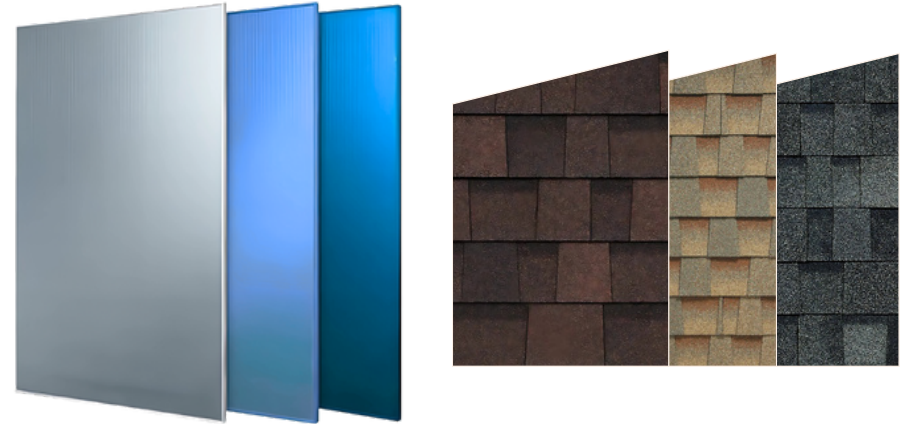
Solar Park in Khamgaon, Maharashtra

Work in Progress

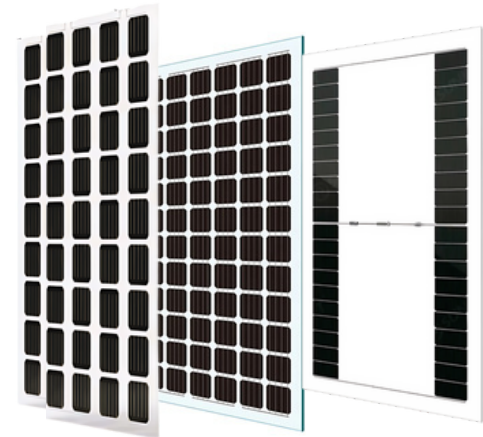
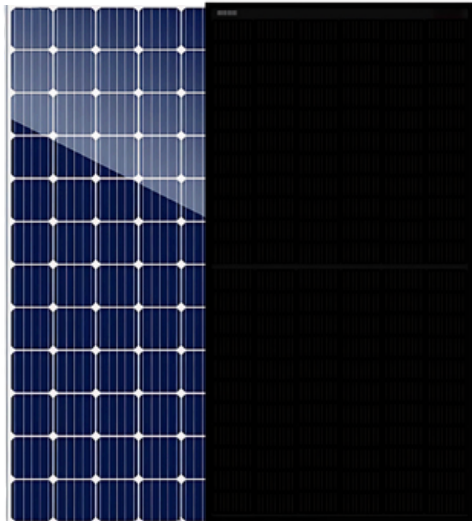


# Manufacturing Factory - 300 MWp capacity of Standard Solar & BIPV Modules

Coming Soon



180 to 740 Wp modules





# CLIENTELE

