



EMISUN[®]
||| Let The Sun Pay Bill

WHO WE ARE

We, **Emisun Solar Private Limited** – An ISO 9001: 2015 Certified Company. We are one of the leading Designer, Manufacturer & Exporter of the Quality Solar Water Heater & Solar Power Products Company from Rajkot (Gujarat). We are certified by GEDA, MNRE (Govt. of India), GUVNL & Indian Railways. We Proudly Serving in Government, Semi Government & Private Sectors.

We Design Solar Projects as per the National & International Standards for Solar Thermal, On-Grid and Off-Grid Solar Systems for Residential, Commercial & Industrial Sector Since 2014.

Emisun delivers as a Comprehensive EPC service provider – An integrated team across the full cycle of the project from design concepts to commissioning. This enables companies to focus on developing their businesses and transferring the task of getting full productivity of their panel to our experts.

Our EPC team is accountable to deliver value with a product that is both fit for purpose and delivers the highest return on their investment.

CERTIFICATE

प्रारूप 1
पंजीकरण प्रमाण-पत्र

संघीय प्रमाण संख्या: U31908GJ2014PTC079363 2013-2014

एमिसन सॉलर प्राइवेट लिमिटेड
EMISUN SOLAR PRIVATE LIMITED

Form 1
Certificate of Incorporation

Corporate Identity Number: U31908GJ2014PTC079363 2013-2014

Given at Ahmedabad this Twenty Fifth day of March Two Thousand Fourteen

भारत सरकार
Government of India
Trade Marks Registry

भारत प्रतीक नियंत्रण विभाग, 1999
Trade Marks Act, 1999

पंजीकरण प्रमाण संख्या: 271916 दिनांक: 01 अप्रैल 2014

Trade Mark is entered

Date of Issue: 01 April 2014

ICV
Certificate of Registration
This Certificate certifies that the Quality Management System of
EMISUN SOLAR PRIVATE LIMITED
503-504, RK Prime-II, Mahapuja Dham Chowk, Opp. Balaji Hall,
160 Ft Ring Road, Rajkot-360004 (Gujarat) India.

has been audited by ICV and found to be in compliance with the requirements of the standard
ISO 9001: 2015
This certificate is valid for the following scope
The Manufacturer and Exporter of Quality Solar Water Heater & Solar Power Products.

Certificate No. ICV/23/03991/1654
Certificate Issue Date: 04/03/2022
Surveillance Date: 04/02/2024
Date of Expiry: 03/03/2025

UDYAM
REGISTRATION CERTIFICATE

UDYAM/2022/JM/000099

UDYAM REGISTRATION NUMBER	UDYAM/2022/JM/000099
NAME OF THE ENTERPRISE	M/S. EMISUN SOLAR PRIVATE LIMITED
TYPE OF ENTERPRISE	SOLE
INDUSTRY	MANUFACTURING
INDUSTRY CATEGORY	MANUFACTURING
INDUSTRY SUB-CATEGORY	MANUFACTURING
INDUSTRY CODE	26100
INDUSTRY CODE DESCRIPTION	MANUFACTURING OF OTHER ELECTRICAL EQUIPMENT
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भारत सरकार
Government of India
THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED
(A Government of India Enterprise)

Sr. No. T 14431
S.No. NIS-2017/150

GOVERNMENT PURCHASE ENLISTMENT CERTIFICATE

Valid From 21/04/2022 to 20/04/2024 Date: 22/04/2022

M/S. EMISUN SOLAR PRIVATE LIMITED
Factory Address: 5, Survey No. 229/1, Industrial Estate of Anand, Rajkot, N. INDIA
Branch Office: NSIC Technical Services Centre, Bhavnagar Road, Al Industrial Area, Rajkot
Ph: 8281-237798 Fax: 8281-237729

GOVERNMENT PURCHASE REGISTRATION NO. NISIC/PNT/2022/004907
Mandatory Limit: ₹ 31,10,00,000 (Three Hundred Seventy One Lakh Only)

Financial Year	Annual Turnover
2018-19	0/0/00
2019-20	0/0/00
2020-21	0/0/00
2021-22	0/0/00

MSIC registered with NSIC as a small and medium enterprise in accordance with the provisions of the MSIC Act, 1981. Your firm has been registered as a MSIC Unit eligible for participation in the Central Government Store Purchase Programme as per the Single Point Registration Scheme for the following Categories/Products:

Name of the Store(s)	Specifications	Quantitative Capacity	Quantitative Capacity PA
(As per List Attached) (3 Items only)			

MSIS: 174140011955G01001481

भारत सरकार
Government of India
THE NATIONAL SMALL INDUSTRIES CORPORATION LIMITED
(A Government of India Enterprise)

Sr. No. 174551
S.No. NIS-2017/150

STORE PURCHASE ENLISTMENT CERTIFICATE

Valid From 21/04/2022 to 20/04/2024

M/S. EMISUN SOLAR PRIVATE LIMITED
Factory Address: 5, Survey No. 229/1, Industrial Estate of Anand, Rajkot, N. INDIA
Branch Office: NSIC Technical Services Centre, Bhavnagar Road, Al Industrial Area, Rajkot
Ph: 8281-237798 Fax: 8281-237729

GOVERNMENT PURCHASE REGISTRATION NO. NISIC/PNT/2022/004907
Mandatory Limit: ₹ 31,10,00,000 (Three Hundred Seventy One Lakh Only)

Sl. No.	Store(s) Name	Specifications	Quantitative Capacity	Quantitative Capacity PA
1	Engineering, Procurement & Construction (EPC) of Solar Power Generating System	Design, Erection, Installation & Commissioning of On-grid & Off-grid Solar Photovoltaic Power Generating System & AMC	10 MW (Total Cumulative Capacity: 5 MW (05))	5 MW (05)
2	Engineering, Procurement & Construction (EPC) of Solar Power Generating System	Design, Erection, Installation, Testing, 1000 Watt Project (Grid Connected) of On-grid & Off-grid Solar Photovoltaic Power Generating System & AMC	10 MW (Total Cumulative Capacity: 5 MW (05))	5 MW (05)

MSIS: 174140011955G01001481

भारत सरकार
Government of India
Ministry of Commerce and Industry
Directorate General of Foreign Trade

Office of the Joint Director General of Foreign Trade, Rajkot
Aruna Estate (Jasmi Building), 4th Floor, M.G. Road, Rajkot.

Importer-Exporter Code

This Code certifies that **EMISUN SOLAR PRIVATE LIMITED** is issued an Importer-Exporter Code (IEC) 24190178 with details as follows:-

IEC	24190178
आयातकर्ता का (आ) PAN	AAFDG690Q
आयातकर्ता का नाम/Name	EMISUN SOLAR PRIVATE LIMITED
आयातकर्ता का प्रकार/Type of Concern	Private Limited
आयातकर्ता का पता/Address of Concern	503-504, RK PRIME - II, MAHAPUJA DHAM CHOWK, OPP BALAJI HALL, 160 FEET RING ROAD, RAJKOT, RAJKOT, GUJARAT, 360004
आयातकर्ता का नाम/Name of the Signatory	Subhash Kishorji Chopta
आयातकर्ता का पता/Address of Concern	503-504, RK PRIME - II, MAHAPUJA DHAM CHOWK, OPP BALAJI HALL, 160 FEET RING ROAD, RAJKOT, RAJKOT, GUJARAT, 360004
आयातकर्ता का पता/Address of Concern	503-504, RK PRIME - II, MAHAPUJA DHAM CHOWK, OPP BALAJI HALL, 160 FEET RING ROAD, RAJKOT, RAJKOT, GUJARAT, 360004

MSIS: 174140011955G01001481

भारत सरकार
Government of Gujarat
GOVERNMENT OF GUJARAT
LICENSE TO ELECTRICAL CONTRACTORS

Authorized by Govt. Notification, E & P Deptt., No. GU/2013/7/ELA/11-2012/2401K, Dated 22.04.2013

M/S. EMISUN SOLAR PVT LTD, Dist-RAJKOT is hereby authorized to carry out Electrical Installation Works in the Gujarat State, subject to the conditions mentioned in the Regulations issued by the Government of Gujarat under Government Notification, Energy and Petrochemicals Department No. GU/2013/7/ELA/11-2012/2401K, Dated 22.04.2013.

Energy & Petrochemicals Deptt.
Gujarat State, Gandhinagar
Issue Date: 01/11/2022

President Licensing Board Gandhinagar

Secretary Licensing Board Gandhinagar

Date of Renewal	Date of Expiry	Secretary's Initials
01/11/2022	31/10/2027	

MSIS: 174140011955G01001481

PRLEDGE

Zed

Under MSME Sustainable (ZED) Certification Scheme

We undertake to conform to the values of Zero Defect Zero Effect in our enterprise and ensure that our processes that are environmentally sound and socially responsible with safe and high quality products.

We will give back to every way we can, to our people our community and to our planet.

EMISUN SOLAR PRIVATE LIMITED
CORPORATE NAME
PATEL SURVEY, VESTRA BUILDING, EMISUN SOLAR PRIVATE LIMITED, MAHAPUJA DHAM CHOWK, OPP BALAJI HALL, 160 FEET RING ROAD, RAJKOT, RAJKOT, GUJARAT, 360004

UDYAM/2022/JM/000099

GUYAT/2022/JM/000099

04/03/2022

04/03/2022

Apranage ZED!

3100+

WATER HEATER
(7.32 LAC LPD CAPACITY)

1750+

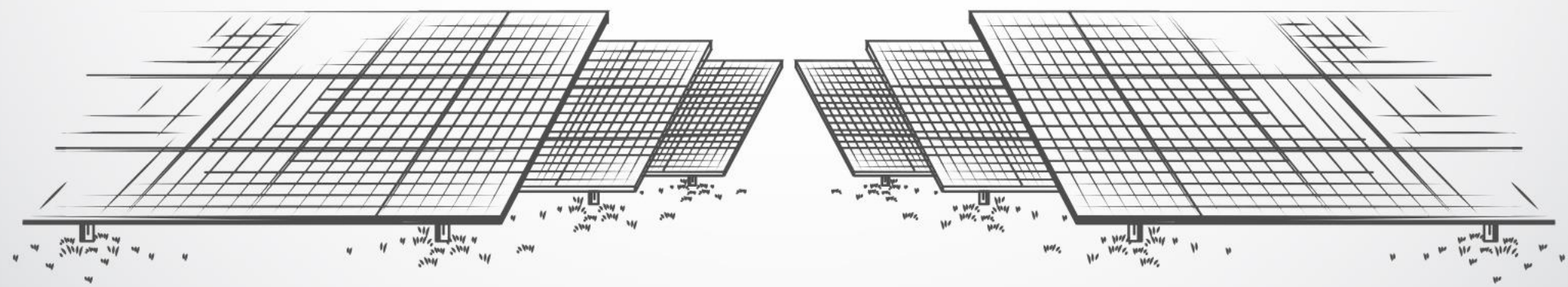
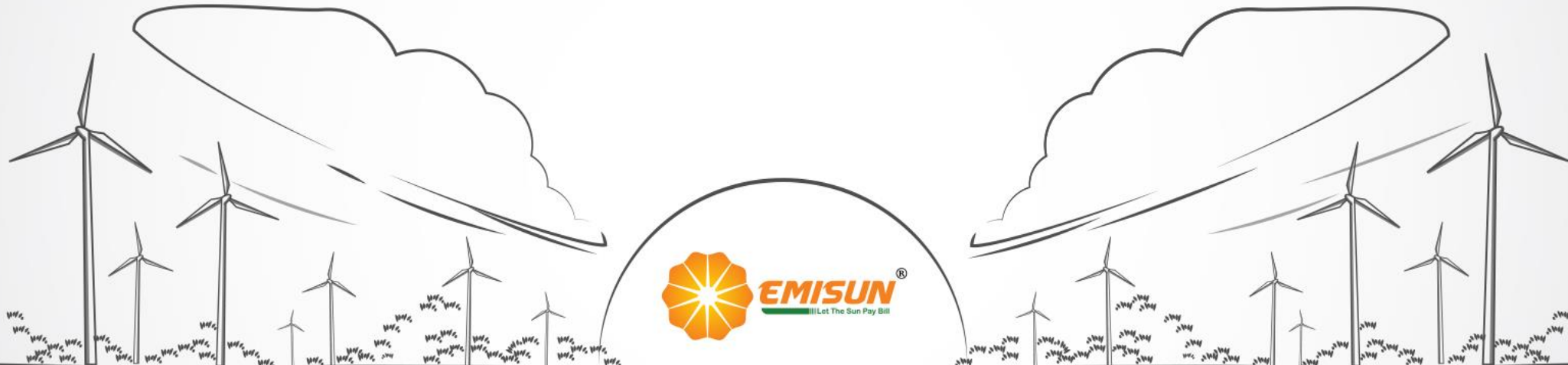
SOLAR ROOFTOP
CONSUMER

8MW+

CAPACITY

5300+

CONSUMERS



MISSION

- ▶ Build a World Class Portfolio of Renewable Energy Assets and be in the top 10 globally.
- ▶ Lead the Energy transition by providing innovative Solutions to our Customers.
- ▶ Build a Culture of Excellence by Efficient and Safe Execution of all our Projects.
- ▶ Maintain the Highest Standards of Quality and Sustainability and Act Responsibly at all times.
- ▶ Foster a Culture of Trust, Collaboration and Performance to achieve our Business Goals and Be an Employer of Choice.
- ▶ Be a Responsible Corporate Citizen and uphold the Highest Standards of Corporate Governance, Ethics and Integrity.

VALUES

- ▶ **Sustainability** : We Deliver Solutions Which are Economically Advantageous and up to the Highest Expectations of our Customers and Partners.
- ▶ **Responsibility** : We are Responsible toward our Natural Environment.
- ▶ **Commitment** : We commit to Bring the best Environmentally friendly technologies and to keep developing Renewable Energy Solutions.

Sales Turnover of Rs,
888 CR
Before 25th March 2030
To Build The Best Renewable Energy Company



COMPANY
VISION

SOLAR ROOFTOP



SOLAR WATER HEATER



WATER HEATER CAPACITY

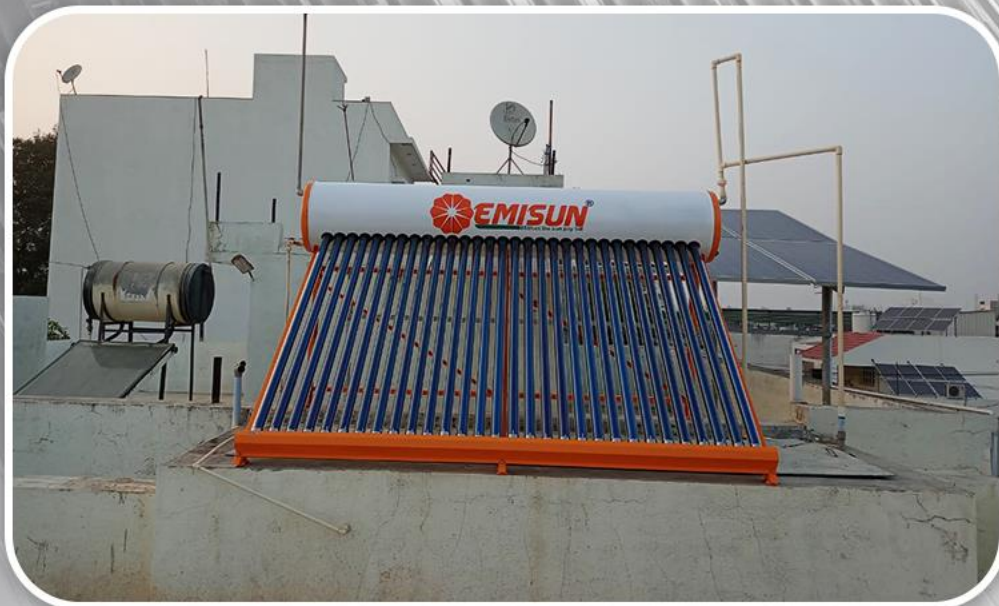


- 100 ltr.
- 150 ltr.
- 200 ltr.
- 250 ltr.
- 300 ltr.
- 500 ltr.

And as per Requirement

WATER HEATER

WATER HEATER



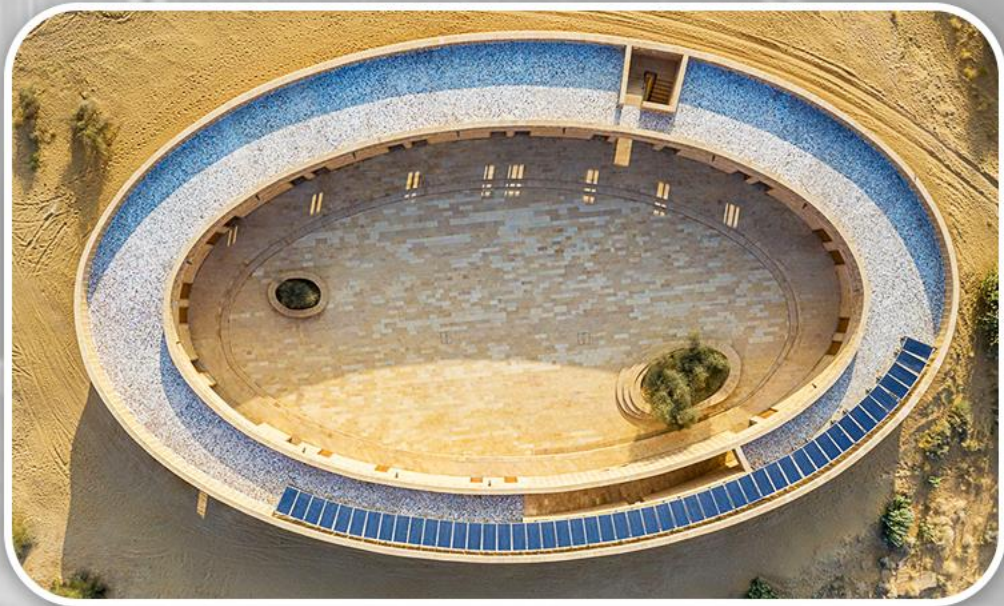
ROOF TOP SOLAR SYSTEM

RESIDENTIAL | COMMERCIAL | INDUSTRIAL



RESIDENTIAL

RESIDENTIAL



INDUSTRIAL

INDUSTRIAL



INDUSTRIAL



INDUSTRIAL



INDUSTRIAL



INDUSTRIAL



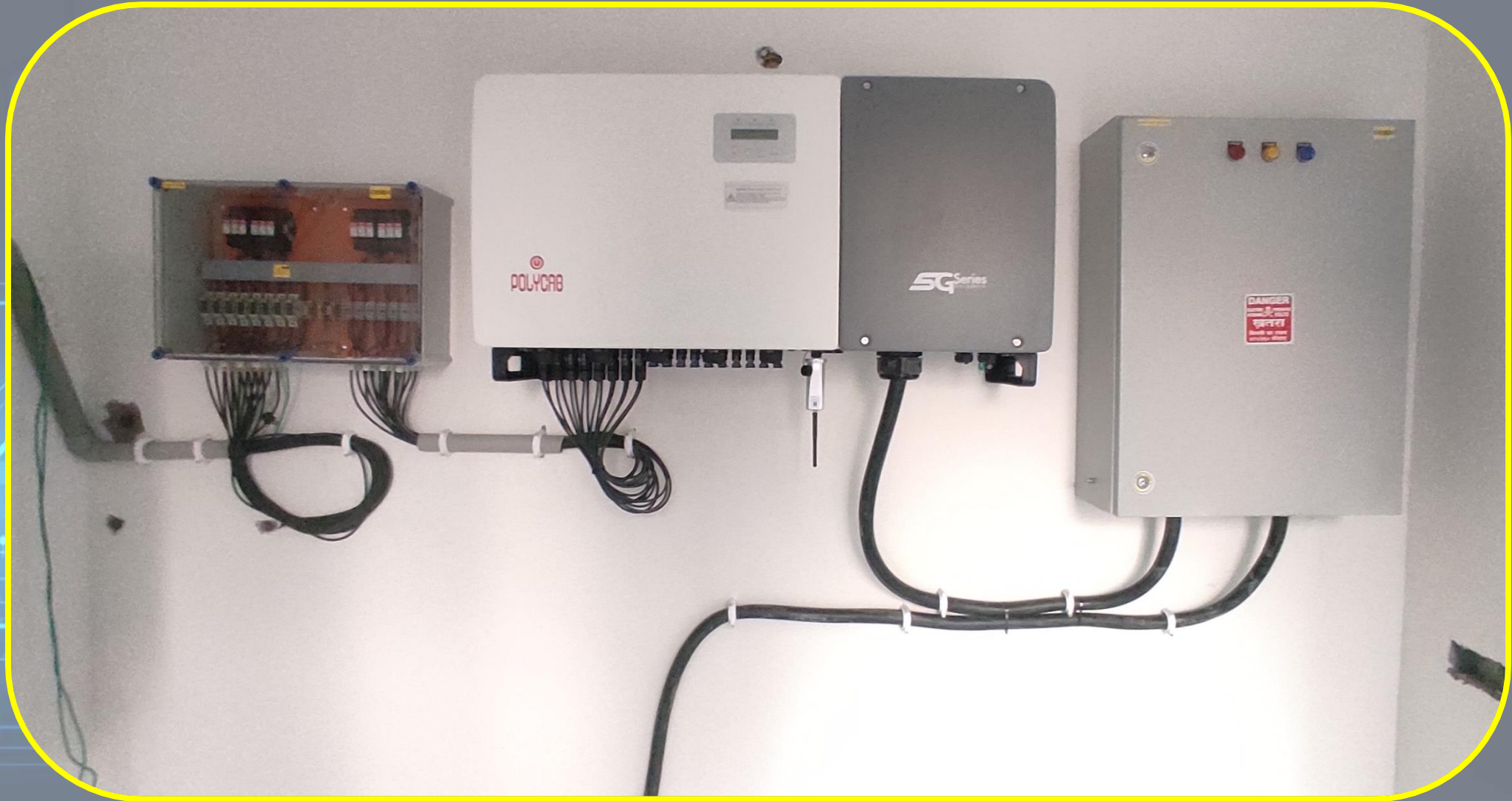
INDUSTRIAL



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INDUSTRIAL



INDUSTRIAL



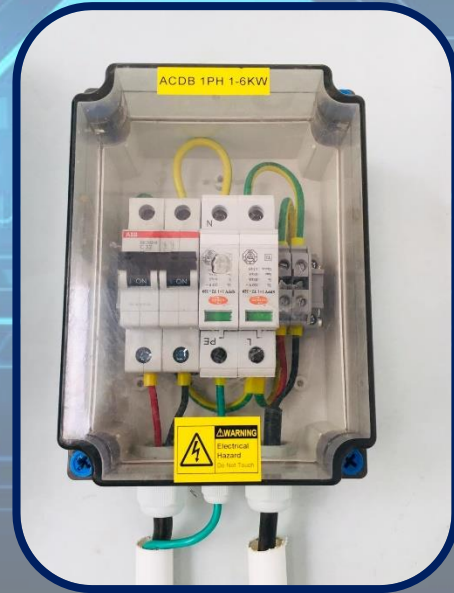
RESIDENTIAL



RESIDENTIAL



RESIDENTIAL



An aerial photograph of a large-scale ground-mounted solar farm. The solar panels are arranged in neat, parallel rows that stretch across the landscape. The scene is captured during the "golden hour" of sunset, with a warm, orange glow over the sky and the panels. In the distance, there are some utility structures and a line of trees. The overall composition is clean and emphasizes the scale and order of the solar installation.

GROUND MOUNTED SOLAR PARK

SOLUTION FOR YOUR UPCOMING PROJECTS

Conceptulize, Design, Plan & Execute your first or next Solar Project

Concept & Feasibility (CF)

- ▶ Detailed Project Report
- ▶ Financial Modeling
- ▶ Technology Selection
- ▶ Energy Yield Assessment
- ▶ Basic Plant Layouts
- ▶ Basic Electrical Schemes
- ▶ Site Visit (if required)
- ▶ Project Risk Assessment
- ▶ Third Party Validation
- ▶ Techno Economic Viability

Engineering & Design (ED)

- ▶ Array Yard Design (DC)
- ▶ Inverter & LC Design (AC)
- ▶ Evacuation & Transmission
- ▶ Module Mounting Structure
- ▶ Civil Buildings
- ▶ Utilities (Road, Drain, etc.)
- ▶ Equipment Tech Specs
- ▶ Bill of Quantities (BoQ)
- ▶ Design Review Services
- ▶ Glint & Glare Analysis

Project Management (PM)

- ▶ L1-L5 Level Gantt Chart
- ▶ Contract Drafting/ Vetting
- ▶ Contract Enforcement
- ▶ Site Inspection (Visit Based)
- ▶ Site Supervision (Deployed)
- ▶ QHSE Audit
- ▶ Pre-Dispatch Inspections
- ▶ SOP Preparation
- ▶ Project Schedule Control
- ▶ Handover Assistance

Tailor Made Solutions

- ▶ Owner's Engineer Services Package by picking required services from CF, ED & PM modules
- ▶ Procurement Assistance Package by running & Managing tender for Plant for Equipment level
- ▶ Niche projects like at Airports, Mines, Floating Solar, etc.

CURATED SERVICES FOR EXISTING ASSETS

Maximize utilization of your assets or evaluate your next acquisition

Technical Due Diligence (TDD)

- ▶ As-Built vs Design
- ▶ Plant Performance Analysis
- ▶ Critical Equipment Review
- ▶ Field Visit & Assessment
- ▶ O&M Practices Review
- ▶ Contracts Review
- ▶ Compliances Review
- ▶ Energy Yield Forecast
- ▶ Structure fabrication drawings
- ▶ Valuation & Risk Analysis

Field Testing (FT)

- ▶ Drone Thermography
- ▶ Handheld Thermography
- ▶ IV Curve Tracing
- ▶ Flash Test for PV Modules
- ▶ Cable Insulation Resistance
- ▶ Ultrasonic Pulse Velocity
- ▶ Rebound Hammer
- ▶ Soiling Study (Long term)
- ▶ On Site Mobile Lab Tests
- ▶ Review of Tests Reports

Performance Improvement (PI)

- ▶ Generation Data Analysis
- ▶ Fault Log Analysis
- ▶ Root Cause Analysis
- ▶ Downtime Analysis
- ▶ MTTR & MTBF Benchmark
- ▶ Daily / Monthly Monitoring
- ▶ OEM Coordination
- ▶ Cleaning Optimization
- ▶ Cost-Benefit Analysis for equipment replacements

Re-Powering (RP)

- ▶ Re-Power your existing asset by upgrading/adding solar PV Panels of Latest Configuration
- ▶ Assessment will include re-engineering of all associated components like inverters, cables, transformers, etc.
- ▶ Report shall include clear cost-benefit analysis and compliance/deviations with your PPA or utility contracts

PROJECT SCHEDULE

Milestones

Deadlines

Design

20th Day

25th Day

Material Ordering

30th Day

35th Day

Structure Erection

50th Day

70th Day

Module Erection

65th Day

80th Day

Inverter Erection

75th Day

85th Day

CEIG Erection

90th Day

100th Day

Commissioning

100th Day

120th Day

Best Efforts Basis

Target

Note : It may be vary according to Payment Schedule from the Consumer.

ખાસ નોંધ : અમુક સમયે ગવર્નમેંટ પ્રોસેસ ઉપર પણ પ્રોજેક્ટ કંપલીશન નો આધાર રહેલો હોય છે.

TERMS OF PAYMENT

- Advance at the time of Registration with Purchase Order **20%**
- After 15 Days of Registration Process (Material will be Book as Per Payment From Release) **60%**
- Before Dispatch of the Material at Site **20%**

* All Government Process Charge Like GEDA Registration, Solar Bi-Directional Meter & Generation Meter Cost, Modem Cost, Connectivity Charge will be Extra at Actual on Clients Scope.

** If Any of the Change in Design, Technical Parameters & Material then It may Charge Extra as Per Mutual Confirmation from the Company & Consumer Side.

*** If any Condition, any Material is not available which is mentioned above for Supply, that Material will replace with Comparable Reputed Brand for Completion of Project as Per Mutual Confirmation from the Company & Consumer Side.

ખાસ નોંધ : ક્વોટેશન માં આપેલા સિવાય ના ગવર્નમેંટ ના કોઈ પણ ચાર્જ અલગથી આવશે તો એ ગ્રાહક દ્વારા અલગથી ભરવાપાત્ર રહેશે.

હું જે બોલું છું, એ જ કરું છું

SCOPE OF WORK

Emisun Solar Private Limited

- ❖ Supply and Installation of HDG module mounting structure.
- ❖ Supply and Installation of Solar Modules.
- ❖ Supply and Installation of Inverters.
- ❖ Supply and Installation of Cable Trays and Conduits.
- ❖ Supply and Installation of AC/DC cable.
- ❖ Supply and Installation of LT panels.
- ❖ Supply and Installation of Earthing system with conventional LA.
- ❖ Construction of civil foundations for module mounting structure.
- ❖ Supply and Installation of online Monitoring system.
- ❖ Testing and commissioning of solar project.
- ❖ CEIG approval and net metering approval for project.

Consumer/Owner

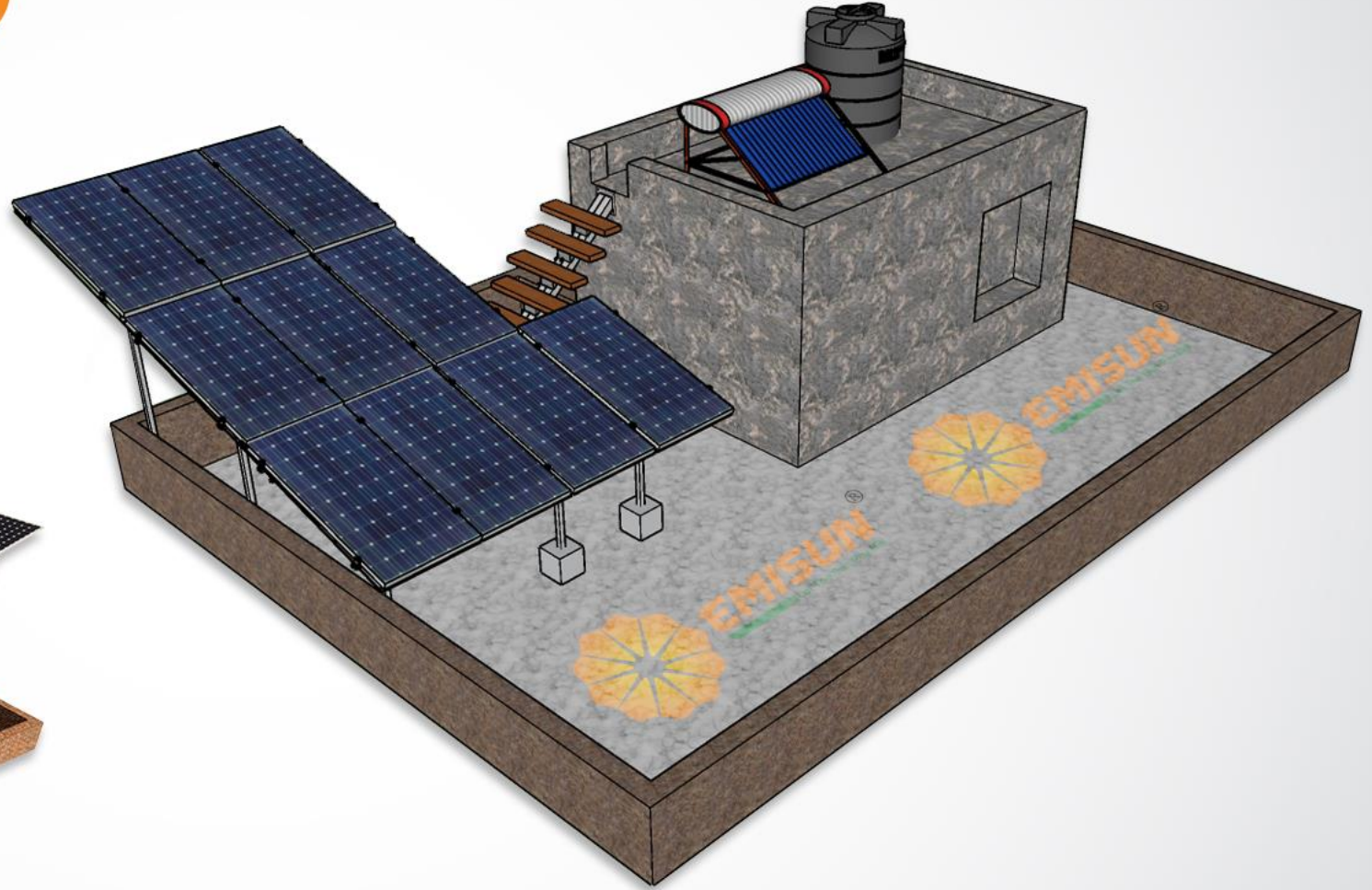
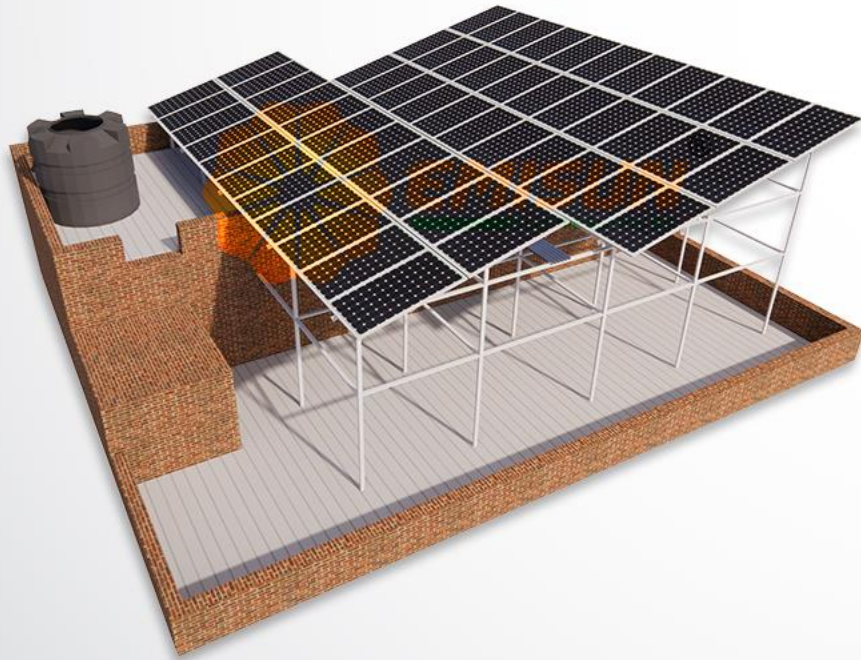
- Water and Electricity for construction and O&M works.
- Retrofitting of existing facility.
- Statutory fees to be paid by owner for govt. approvals.
- Material security within plant premises during construction phase.
- Safe closed storage for materials.
- Registration Charge of GEDA Rs.13000.00 + GST Exclusive & DISCOM
- Meter Charge & Connectivity Charge will be Exclusive as Actual.

[DISCOM Charges (6 to 25kW – Rs.13,410, Greater than 25 to 100kW – 14,383 & Greater than 101kW to 1MW – 61,390)]

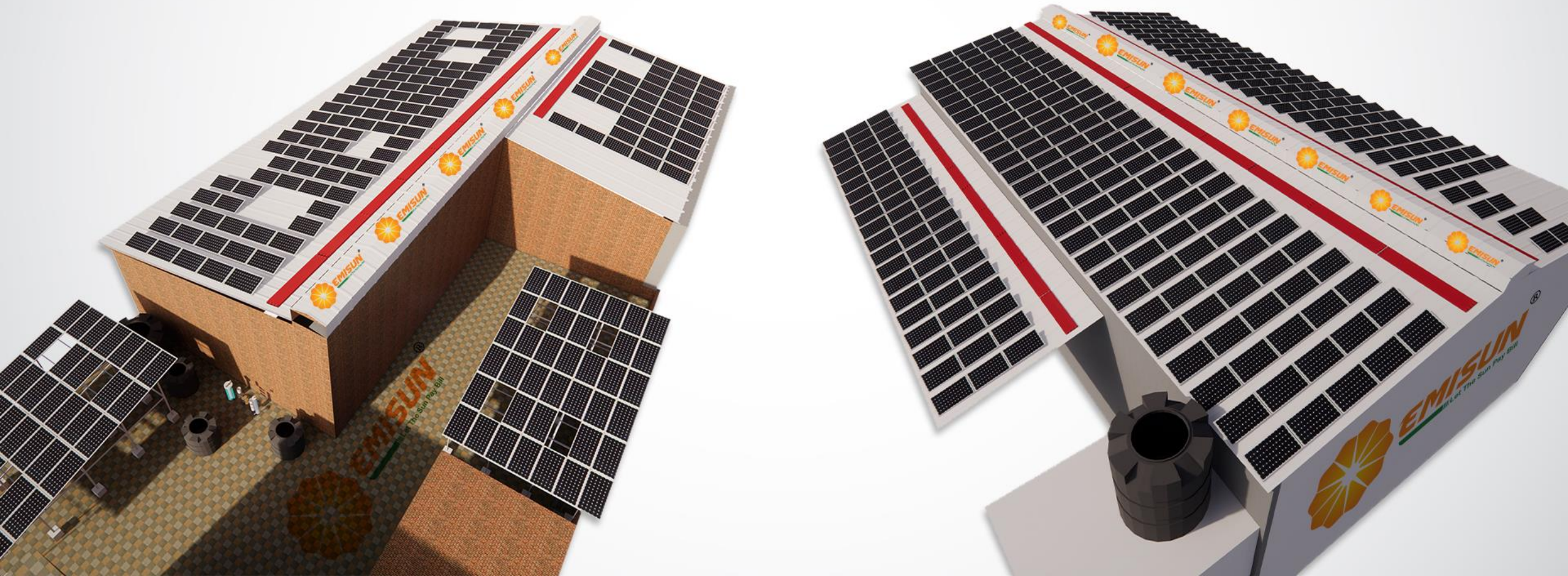
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WHY US

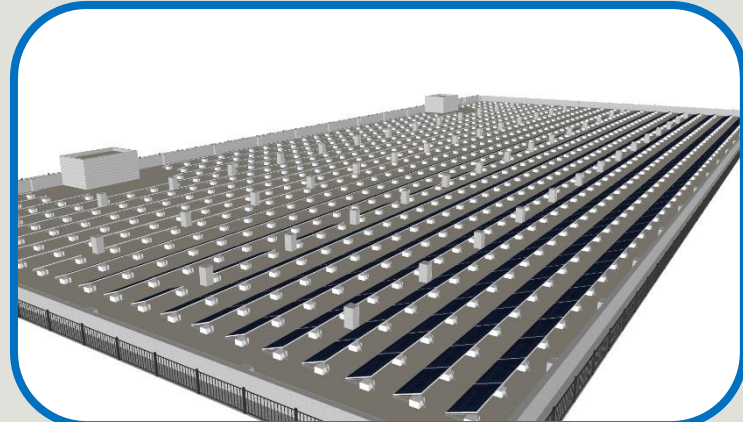
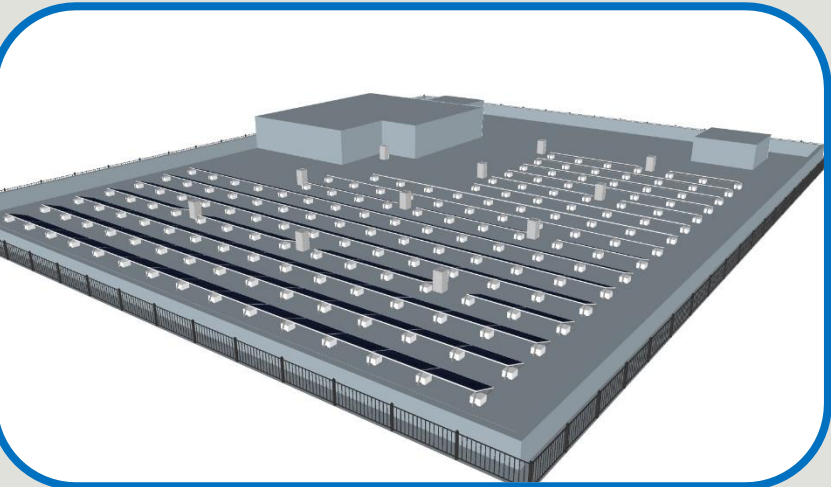
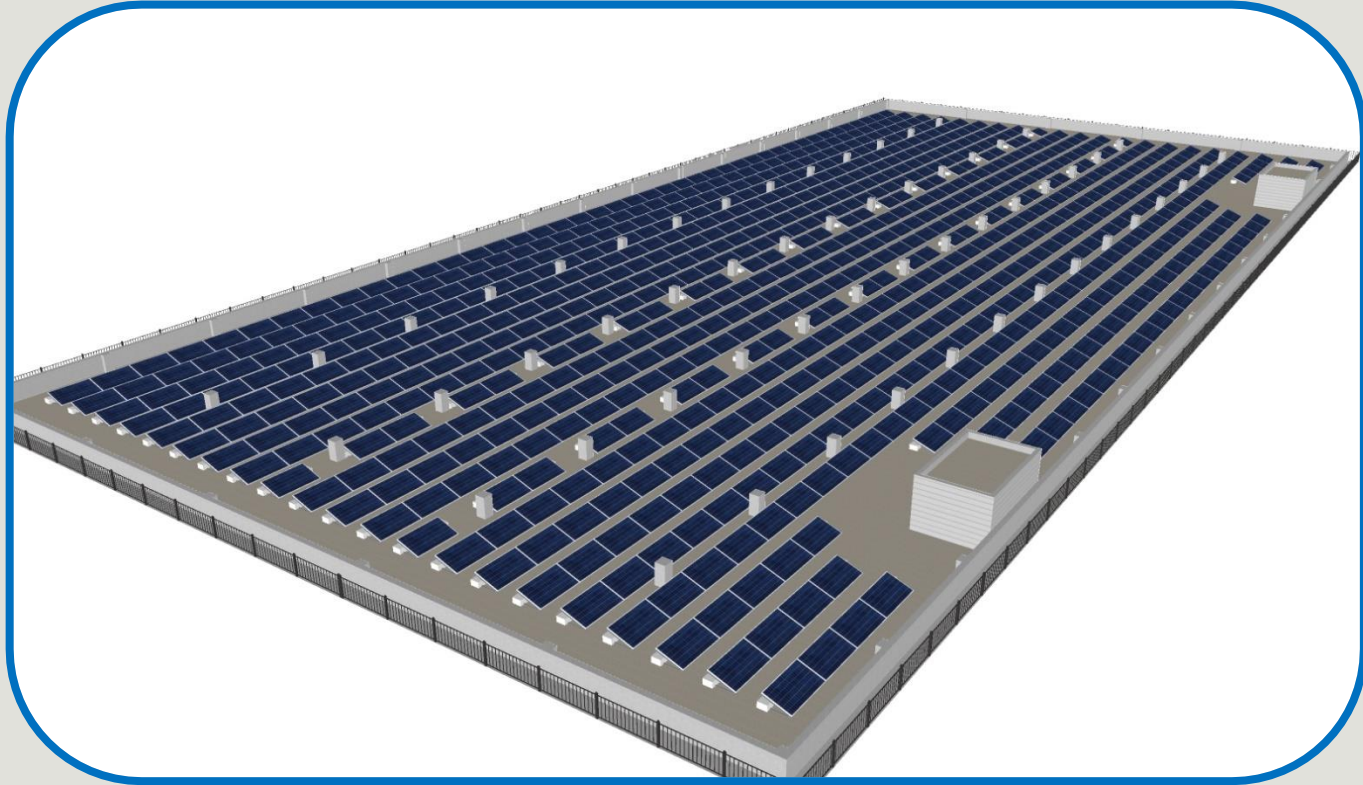
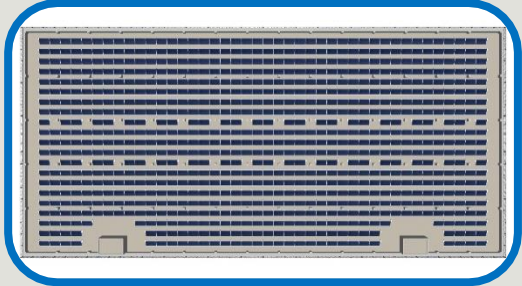
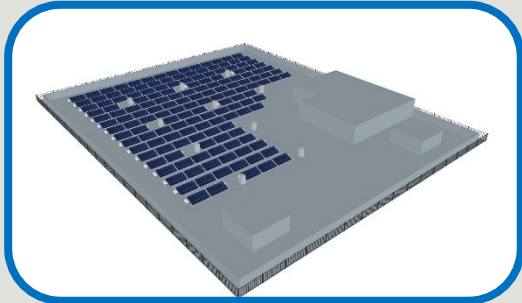
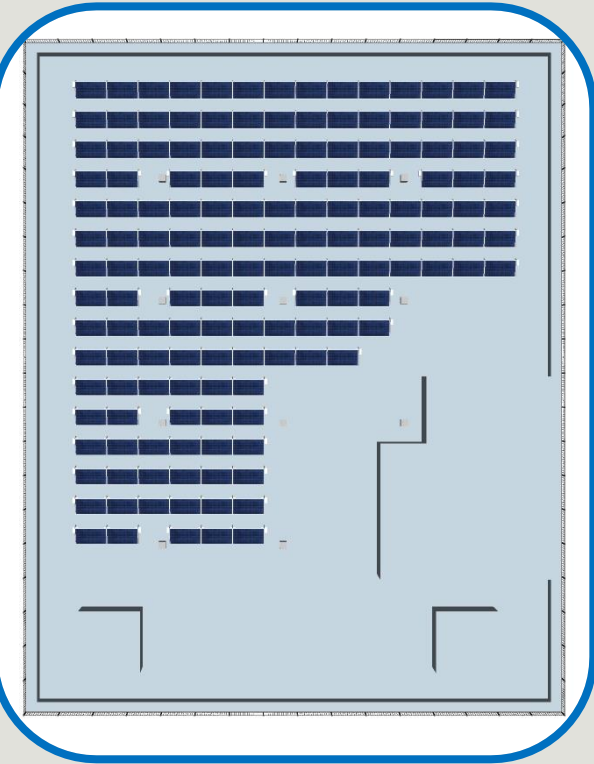
- QUALITY SERVICE
- REVERSE ENGINEERING
3D PLAN



3D DETAILS ENGINEERING DESIGNS FOR SOLAR PLANT

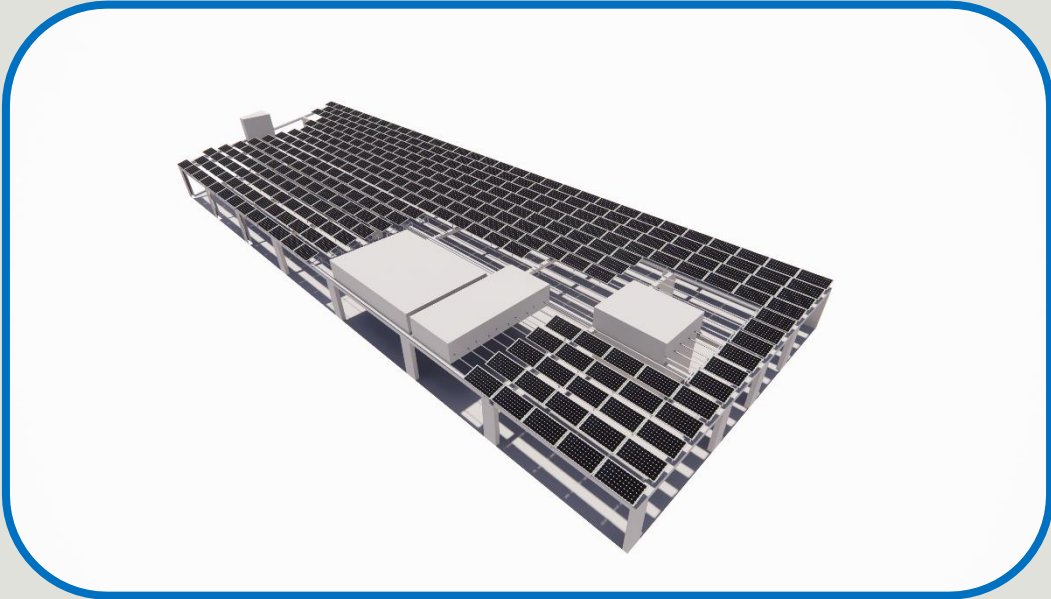
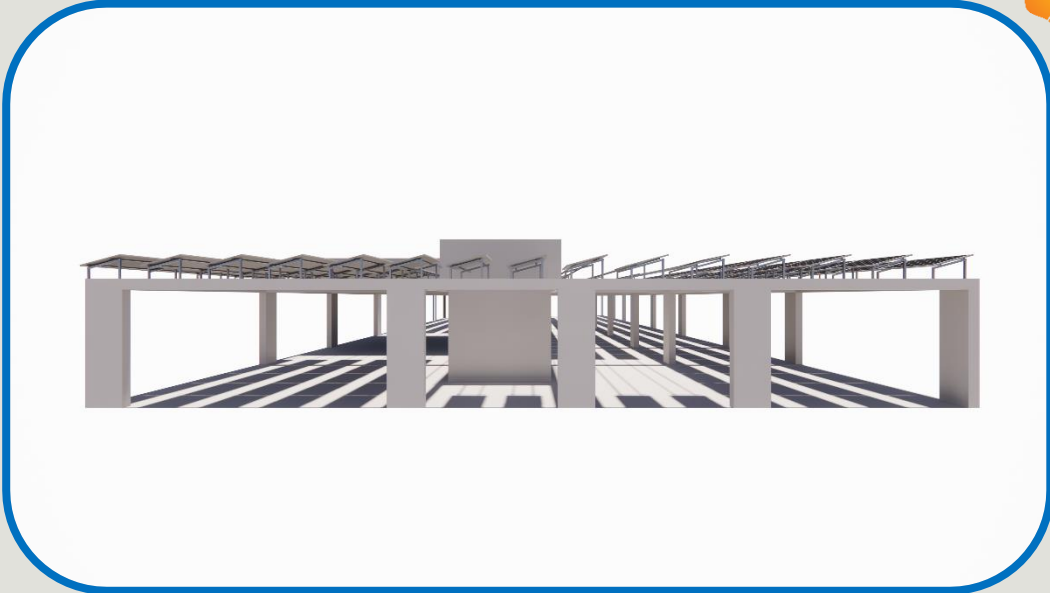
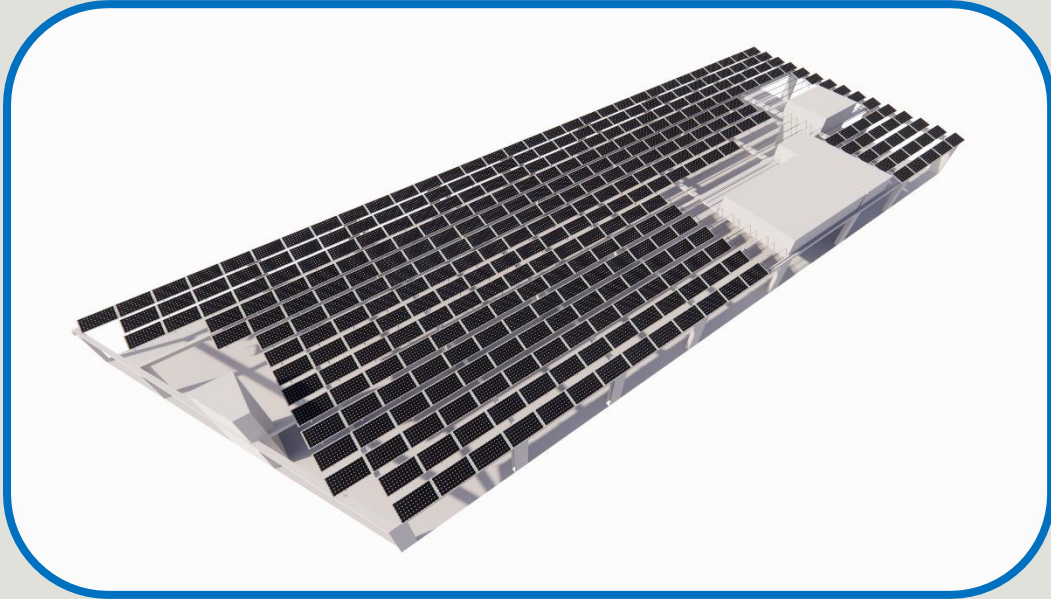


Project Look Like



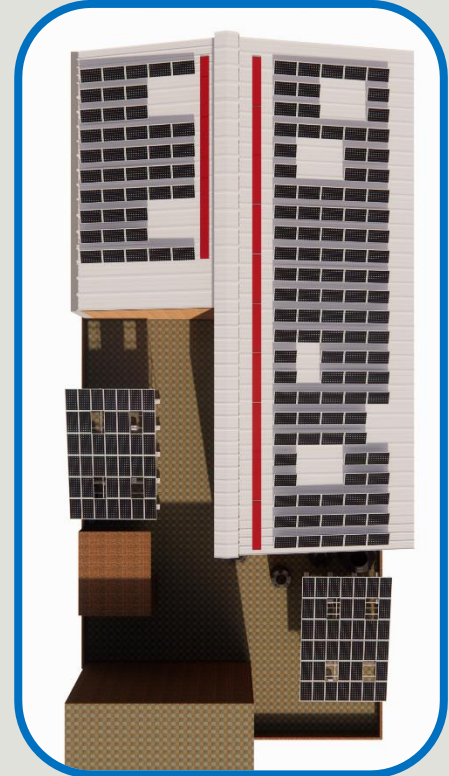
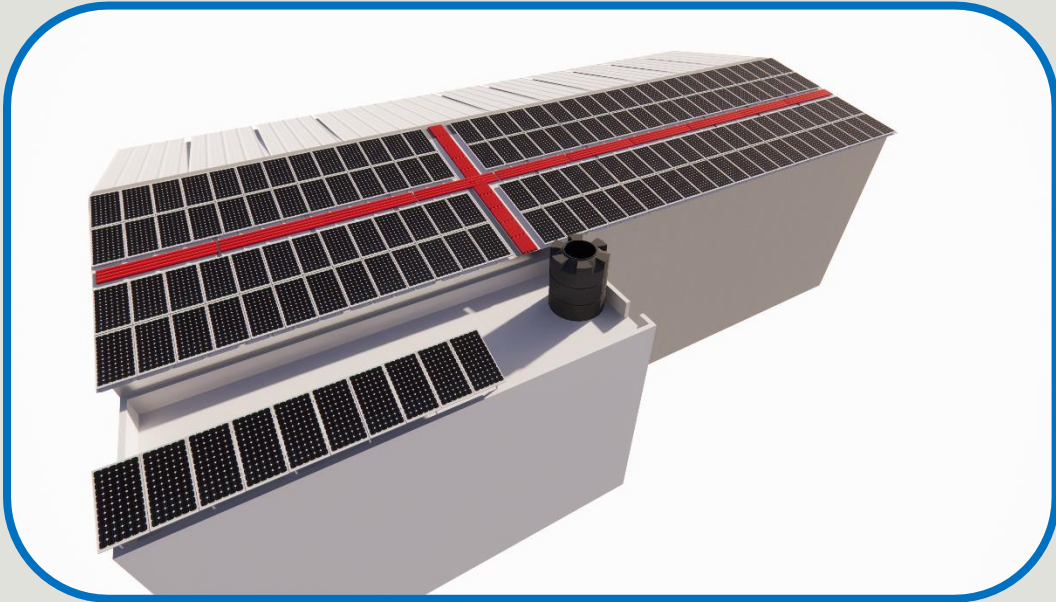
Let the sun pay bill

Project Look Like



Let the sun pay bill

Project Look Like

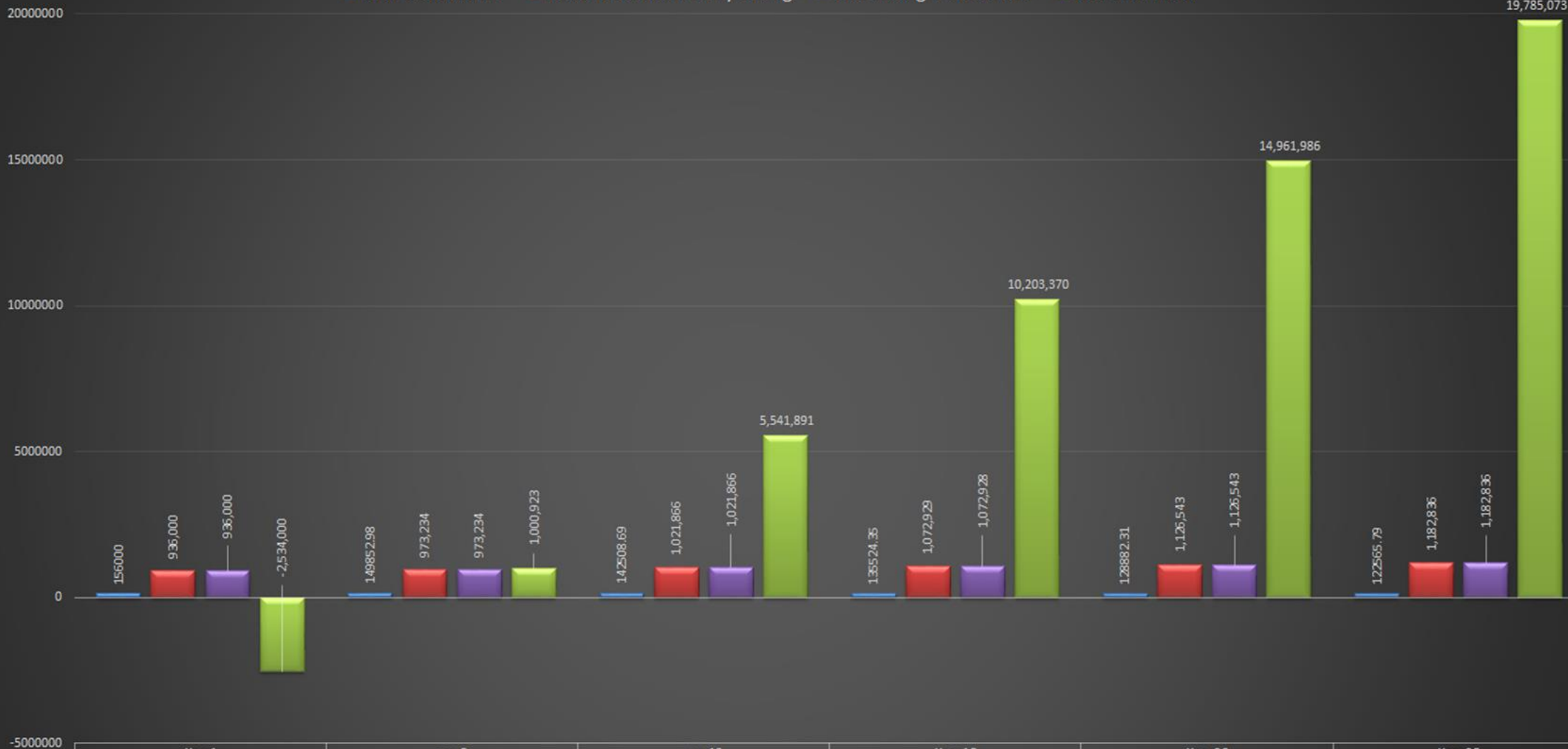


Let the sun pay bill



100KW PROJECT ECONOMICS

■ Unit Generation
 ■ Revenue Generation /Saving
 ■ Net Saving Per Annum
 ■ Net Cash Flow



	Year1	Year5	Year10	Year15	Year20	Year25
Unit Generation	156000	149852.98	142508.69	135524.35	128882.31	122565.79
Revenue Generation /Saving	936,000	973,234	1,021,866	1,072,929	1,126,543	1,182,836
Net Saving Per Annum	936,000	973,234	1,021,866	1,072,928	1,126,543	1,182,836
Net Cash Flow	-2,534,000	1,000,923	5,541,891	10,203,370	14,961,986	19,785,073

CONSUMER STATISFACTION



OUR VALUABLE CLIENT



Copper Classic Flats Owners Association

YOU CAN **REFER US**

- Industries
- Residence / Home, Bungalow & Villa
- Bank / Social Organization
- Corporate / Commercial Building





હવે તમારું ખિલ સુરજ ઢાઢા ભરશે



Thank you!

 **+91 78746 03633**

 **503-504, RK Prime-II, Mahapuja Dham Chowk,
Opp. Balaji Hall, 150^{FT} Ring Road,
Rajkot-360004 (Gujarat) India.**

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