

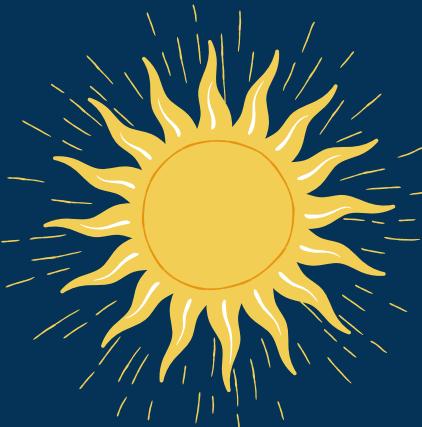


## Introduction

We introduce ourselves as an Engineering Organization and Electrical "A" Grade contractor comprising of individuals having experience in the field of Industrial & Commercial complex Electrification work and Mechanical fabrications.



**SHYAMA** electricals



**SHYAMA** solar



**Shyamala Enterprises**

**Profile**



# About Shyama Enterprises



- Founded in 2007, it expanded into the electrical engineering and solar power fields according to a predetermined route.
- Our project engineering firm that specializes in carrying out turnkey contracts for HT & LT Electrical, Solar energy, CCTV, IT networking and Telecom projects across India.
- Completed projects in mass housing, water and effluent treatment plants, power production, automobiles, information technology, cement, and electronics.

# Overview

- We supply equipment conforming to relevant standards.
- We erect and commission equipment as per rules and regulation.
- We provide Liaison work for getting power supply from TNEB, Drawing approval and Safety certificate from CEIG.
- We are also manufacturing & Supplying all type of equipment, **cable tray, light poles, and other structural items** as per the Indian Standard and client's specification.
- We do IT Network and Communication infrastructure design and implementation, Structure cabling, wireless and Network integration including Routing and Switching
- We are the fabricator of Cellular (Cell phone) Tower Structure and we do Erection also as per client's Specification and Drawings.





# Company Mission

Empowering a sustainable future through innovative electrical and solar solutions, committed to excellence, safety, and environmental responsibility.

Our Purpose:  
Embrace technological advancements in solar and electrical systems



# Services in Electrical Engineering



- Provide Consultancy in getting power sanction, approval and commissioning the services from the relevant authorities.
- Provide Consultancy in designing the HT/LT Electrical systems, Detailed Engineering, preparation of drawings, BOQ, SOP, etc.
- Supply, install, test and commission...
  - HT, LT - substations, Switch yards, four pole stations, two pole stations.
  - HT, LT – breakers, panels, switch gears, Cables, accessories & allied equipments
  - Transformers / generators
  - Raising mains, bus ducts, cable trays, race ways
  - Cable and End termination
  - Internal, external illumination & Earthing system

# Services in Communication Engineering

- Supply, install, test and commission of Base Transceivers Station (BTS) Towers.
  - o Power plant Battery Installation.
  - o DG Installation.
  - o Manufacturing and Installation of Tower Structure, Cable tray (Ladder),BTS stand & Frame, etc.
  - o Antenna & Waveguide Installation.
  - o AC & DC DBs, Wiring, Lighting systems etc.
  - o Air conditions with ON delay timer.
  - o Earthing Systems



# Services in

## Manufacturing Engineering



- Fabrication of M.S. structures, low pressure pipe line, tanks etc.
- Swaged Street Light poles as per standard
- Cable trays & Raceways – M.S.(HDG, Painted, Powder coated)/GI/Aluminum /FRP)
- Power panels & control panels of all types

# PANELS WORK IN INDUSTRIES



# Our Services in

## CCTV And IT Networking

- IT Network and Communication infrastructure design and implementation.
- Network Security/Firewall
- Wireless Networking Solutions design and implementation.
- Network integration including Routing and Switching.
- Structured cabling with Cat5e and Cat6 Copper cabling suitable for supporting data, voice, video, and IP Telephony.
- IT systems & services architecture and design.
- Server integration, upgrades, migrations and technology refreshes.





# Services in Diesel Generator Installation

- Installation of DG
  - Acoustic proof installation
  - Thermal installation
  - AMF and Synchronization panel, cabling
  - Safety certificate from CEIG
- 

# Services in

## HT Yard and RMG

- ▶ Double pole structure 11 KV
- ▶ Transformer Erection
- ▶ LBS and HT Panel Erection
- ▶ Getting Service from EB
- ▶ Safety certificate from CEIG



# Services in

## DG Exhaust System

- ▶ Design, Fabrication and erection of DG Exhaust pipe and structure upto 30 m
- ▶ Thermal Insulation of Exhaust pipe
- ▶ Structure Stability and Civil Foundation



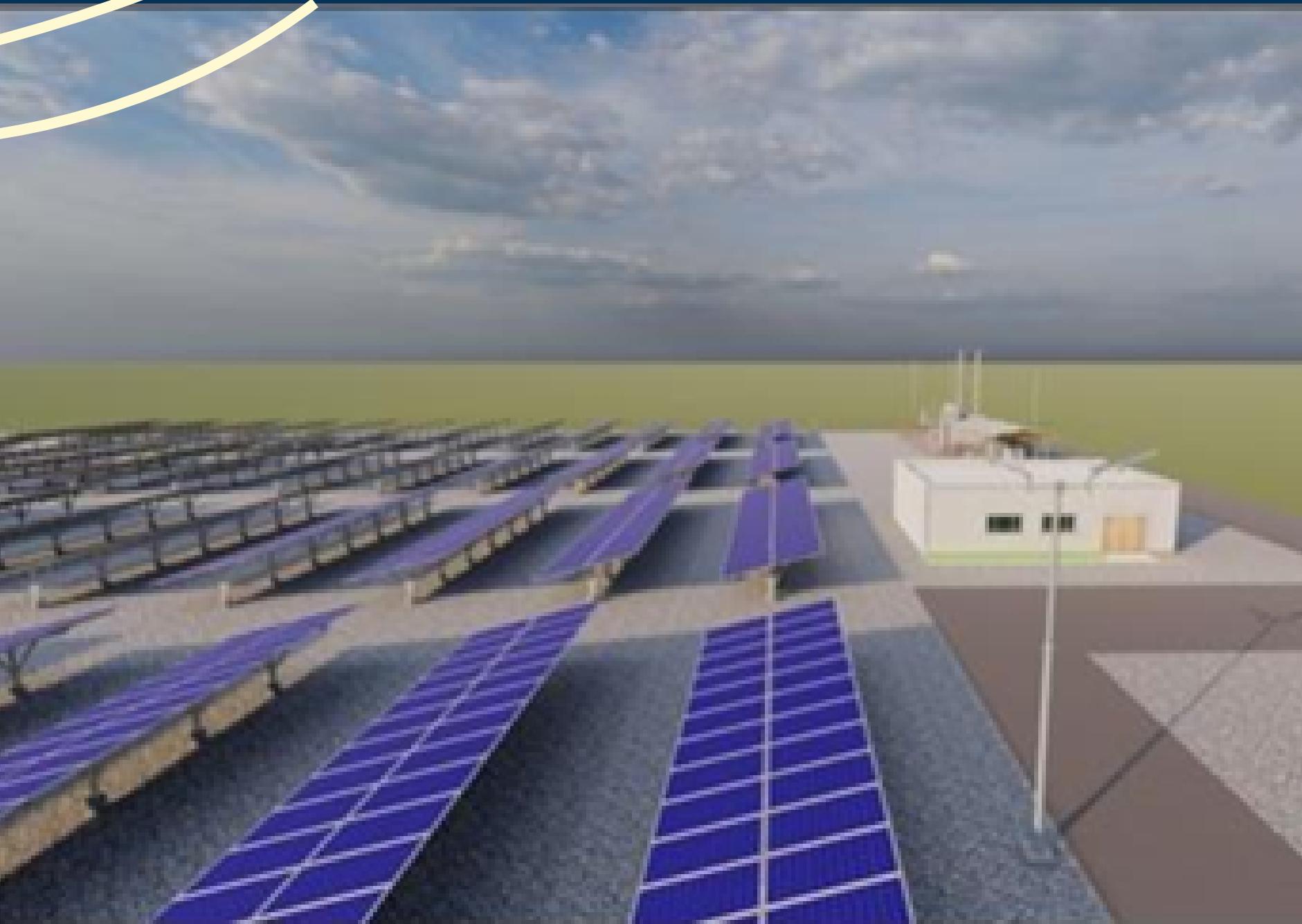
## Our Valuable Customer

Name of Client	Nature of Work
<b>Nera Electronics Ltd</b> Site : Mahindra World City	Supply, Erection and commissioning of power panels, and electrical system of office and plant
<b>Shapoorji and Pallonji Ltd</b> c/o BMW Car Plant,	Supply, Erection and commissioning of Electrical System for Construction power Site: Mahindra World City, New Chen
<b>Altek Beissel Ltd</b> Site : Kelambakkam	Supply, Erection and commissioning of Electrical System for office Premises
<b>M/s Prime Power Generator</b> Chennai	Erection of 1500KVA DG set with its ACB breaker panel, bus ducts, acoustic insulation
<b>M/s. Endurance Technologies Ltd</b>	Design, Fabrication, Installation & commissioning of 750KVA X 2 Nos ,165 KVA X1 Nos DG exhaust system up to 13 Heig
<b>M/s. K.K Press Tools and Components Private Limited.</b> Pillaipakkam	Design, Supply, Erection, Testing and commissioning of Electrical system of their Plant at Pillaipakkam Kancheepuram and EB Liaisoning work 112 KW (LT)
<b>M/s Marg Construction, Kottivakkam, Chennai</b>	Supply of Swaged street light poles & Cable tray for NewTownship, Kalpakkam
<b>M/s. SPRY Enigneering Company, Siruganur,Trichy</b>	Design, Supply, Erection, Testing and commissioning of Electrical system of General Engineering Plant at Siruganur, Trichirappali dist.
<b>M/s BMW India Ltd, Mahindra City, Chengalpet.</b>	Design and fabrication of Trolley for Loading Tyres, Glass,& Doors Etc.
<b>M/s. HUAWEI TELECOMMUNICATION (P) LTD. CHENNAI</b>	Supply, Erection and commissioning of MARR TOWER STRENGTHENING and BTS Stand, Installation of RT6 Pole, Electric & Civil work for OD BTS Bed, Earthing system for Lightning, BTS instrument, DG in ROTN (Projects for BSNL,UNINOR,IDI)
<b>M/s. Zamil New Delhi Infrastructure India (P) Ltd.</b>	Supply, Erection and commissioning of Up gradation Electrical system of Aircel Towers and TSP at ROTN
<b>M/s. Right Tight Fasteners Private Limited</b>	Design, Supply, Erection, Testing and commissioning of HT Electrical system of their Fastener Plant at Oragadam Kancheepuram dist. and EB Liaisoning work 500KV (HT)
<b>M/s. Parry Enterprises Pvt Ltd, Murugappa Group, Padappai</b>	Design, Supply, Erection, Testing and commissioning of Electrical system of Water Plant at Padappai, Kancheepuram dist. and EB Liaisoning work 112 KW (LT)
<b>M/s. Neu ecoPack solution Private Limited, Vallam, Vadagal</b>	Design, Supply, Erection, Testing and commissioning of Electrical system of their corrugated box Plant at Oragadam for KW (LT)
<b>M/s. SMCC Construction India Ltd. C/o. Yamaha Motors India Ltd, Vallam, Vadagal</b>	Supply, Erection and Testing and commissioning of Electrical System and Lighting of Plant. ( M/s. JOHOKU ,M/s. SAKUR & M/s. KYOMA)
<b>M/s Grasim Industries Ltd, AHURATowers, Andheri. Mumbai</b>	Supply, Erection and commissioning of power panels, and HT system

## Our Valuable Customer

S. N	Name of Client	Nature of Work
1	<b>THE RAMCO CEMENTS LIMITED, PUDUCHERRY</b>	Supply, Erection, Testing and commissioning of Ht & LT power panels, and electrical system of office and plant – <u>Valur</u> around 2 Crores
2	<b>E,I,D PARRY SUGARS MillNellikuppam</b>	Supply, Erection and commissioning of Electrical System and Revamping of Electrical items
3	<b>Tamilnadu Newsprint And Papers Ltd : Karur</b>	Supply, Erection, Testing an Commissioning of LT Panel, MCC Panel and VFD Panel up to 355KW
4	<b>M/s BHARAT HEAVY ELECTRICALS LTD. Trichy</b>	Supply, Erection, Testing an Commissioning of LT Panel, MCC Panel and VFD Panel. Full Electrification of 50 Building (Tube Shop)
5	<b>M/s. LARSEN &amp; TOUBRO, Kancheepuram</b>	Supply, Installation, Testing & commissioning of Electrical System, All Electrical Panels and Electrical equipment
6	<b>M/s. HATSUN Agro Product Limited, Salem</b>	Supply, Installation, Testing & commissioning of Electrical System, All Electrical Panels and Electrical equipment
7	<b>M/s , AAVIN Chennai</b>	Supply, Installation, Testing & commissioning of Electrical System, All Electrical Panels
8	<b>M/s. SCHWING STETTER , Sriperumpudur.</b>	Design, Supply, Erection, Testing and commissioning of SOFT Starter Panel, MCC Panel and others.
9	<b>M/s PONNI SUGARS, Coimbatore.</b>	Supply, Erection, Testing an Commissioning of HT & LT Panel, MCC Panel and VFD Panel. Full Electrification
10	<b>M/s. BANNARI SUGARS, Sathanur</b>	Supply, Erection, Testing an Commissioning of HT & LT Panel, MCC Panel and VFD Panel. Full Electrification
11	<b>M/s. SESHASAYEE PAPER and BOARDS LTD. Erode</b>	Supply, Erection, Testing and commissioning of VFD Panel upto 355 KW and MCC panels
12	<b>M/s. AGNI STEELS. Erode</b>	Supply, Erection, Testing and commissioning of Blower ID & FD VFD Panel
13	<b>M/s. MILKY MIST DAIRY Erode</b>	Design, Supply, Erection, Testing and commissioning of Electrical system of Dairy Plant at Erode.
14	<b>M/S CHEMPLAST, Kadaloor</b>	Design, Supply, Testing and commissioning of power panels
15	<b>M/S SOUTH INDIA KRISHNA OIL, Nellore</b>	Design, Supply, Testing and commissioning of power panels
16	<b>M/S DELPHI TVS, Mannur</b>	Design, Supply, Testing and commissioning of power panels
17	<b>TNPL, Trichy</b>	Design, Supply, Testing and commissioning of power panels

# Services in Solar Energy



- Provide carbon clean electricity to commercial, industrial and domestic enterprises from our solar power plants beforehand built, owned and operated in highirradiance land of South Asia in compliance to MNRE (Ministry of New and Renewable Energy).
- Facilitate the Partnership, we also offers Energy auditing with Due Diligence to abide enterprises to innovate Cost-Cut in EB Bills.

Deliver cost-effective solar solutions, maximizing energy efficiency to reduce utility costs for our clients while ensuring a strong return on investment.



# Installation of Solar Project



100 KW AP



100 KW AP Drone View



10 MW @ Coimbatore

# Installation of Solar Project



2 MW @ Namakal



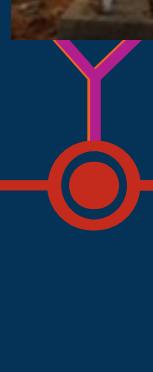
3 MW @ Jaggempeta

# Installation of Solar Project



250 KW Rooftop @ Chennai

# Installation Process



# Preferred Materials and Brands

## MODULE INVERTER CABLES MMS

Vikram

Canadian

Triana

Renewsys

Ameya

Jinko

Panasonic

Scneider

ABB

SMA

Growatt

Fronius

Poly Cab - DC

LAPP- DC

Seichem- DC

Finolex- DC

Polycab

Unikpower

Nuevosol

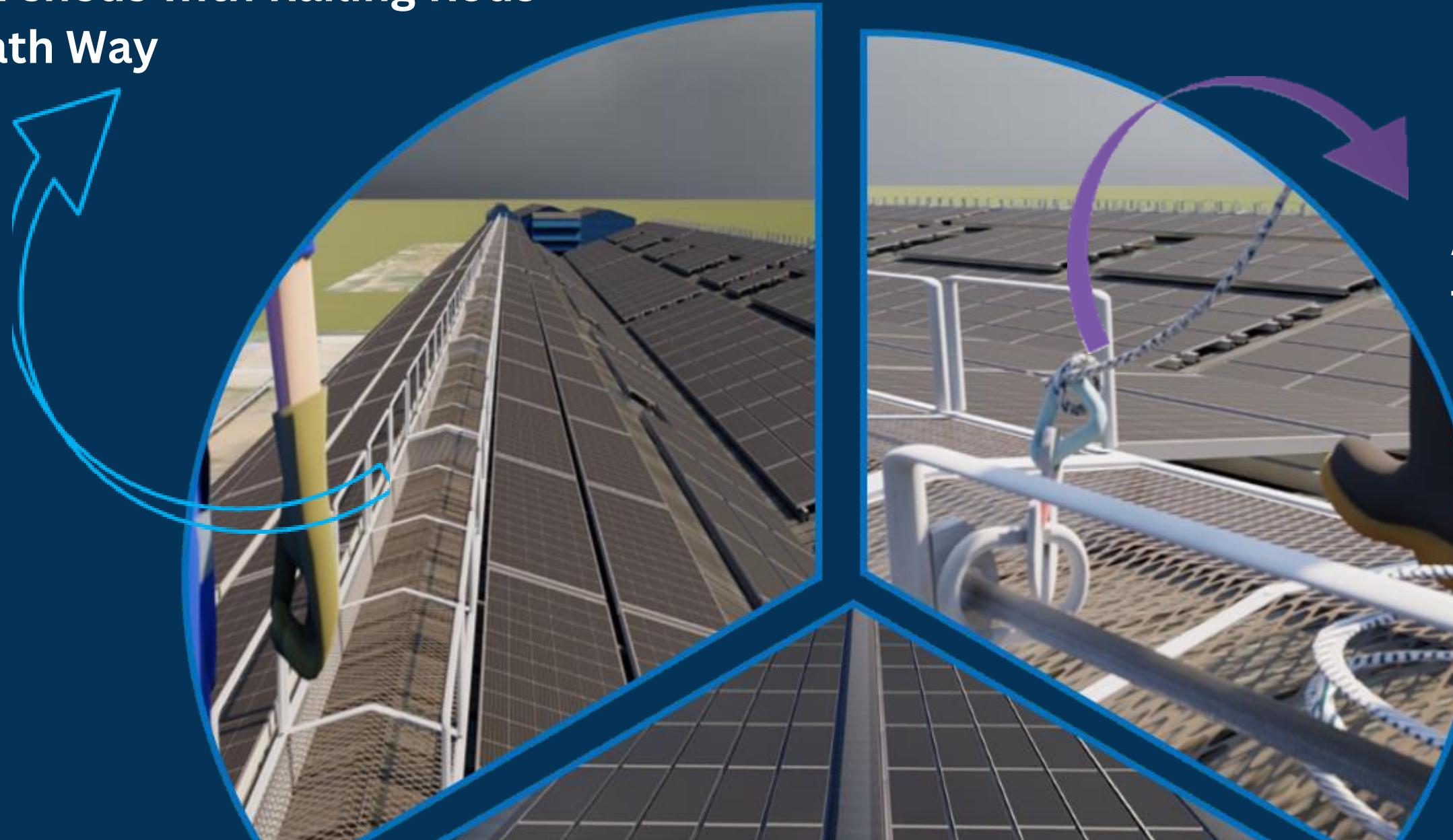
Pennar

Schletter



# Maintenance Management

**Providing Walkway with width of 1.2m  
at Mid of each sheds with Railing Rods  
and Porous Path Way**



**Advanced Safety Hooking method  
through  
Fibre-Covered Tension Wire.**

# Trustworthy Services

## Preventive Maintenance

- ▶ Substations MT/BT
- ▶ Medium voltage Devices
- ▶ Inverter e Transformers
- ▶ Support structures and PV modules
- ▶ Surveillance system and Electrical connections



## Monitering and Reporting Services

- ▶ Performance monitoring
  - ▶ Analysis of performance variance
  - ▶ Analysis of alarms and faults
  - ▶ On-site diagnosis of faults
-  Periodic system performance report

# GET IN TOUCH WITH US



**Shyamala Enterprises**  
F4, B4, Badal Building, Second Main Road, Ganapathy Nagar,  
Madambakkam, Chennai-60012  
E:shyamalaenterprises@gmail.com M:+91 99412 54195



## Joint Venture

**Techno Products Development Pvt Ltd**  
87/2B Kanniamman Nagar Main Road, Vanagaram, Chennai 600095  
E:murali@technoproducts.in M:+91 98410 72367  
www.technoproducts.in

