

Industrial Solar Installation Solutions for Factories & Industries

Reduce electricity costs by up to **80%** with professional Solar EPC services engineered for Indian manufacturing. RMH Infrastructure delivers end-to-end solar solutions — from feasibility to commissioning — helping industries achieve energy independence and long-term sustainability.

[Get Free Consultation](#)

[Request Site Survey](#)



What Is Industrial Solar Installation?

Industrial solar installation harnesses sunlight to generate clean electricity for factories, warehouses, and large commercial facilities. By deploying solar systems on rooftops, open land, or dedicated structures, industries can significantly reduce their dependence on the grid, lower operational costs, and meet sustainability commitments — all while maintaining uninterrupted production.

Rooftop Solar

Utilise unused factory roof space to generate power on-site.

Ground Mounted

Large-scale installations on open land for maximum energy output.

Captive Solar

Dedicated solar plants for self-consumption and energy security.

Grid-Tied Systems

Stay connected to the grid while offsetting consumption with solar.

Why Industries Are Switching to Solar

Rising electricity tariffs, tightening carbon regulations, and volatile energy markets are compelling Indian manufacturers to adopt solar. The business case is clear: lower costs, stronger margins, and a future-proof energy strategy.



Reduce Electricity Bills

Cut power costs by up to 80% with self-generated solar energy.



Energy Independence

Reduce reliance on the grid and protect against tariff hikes.



Low Maintenance

Minimal upkeep required — solar panels operate reliably for decades.



Long-Term ROI

Typical payback within 3–5 years, with 25+ years of returns.



Green Energy

Lower carbon footprint and demonstrate environmental responsibility.

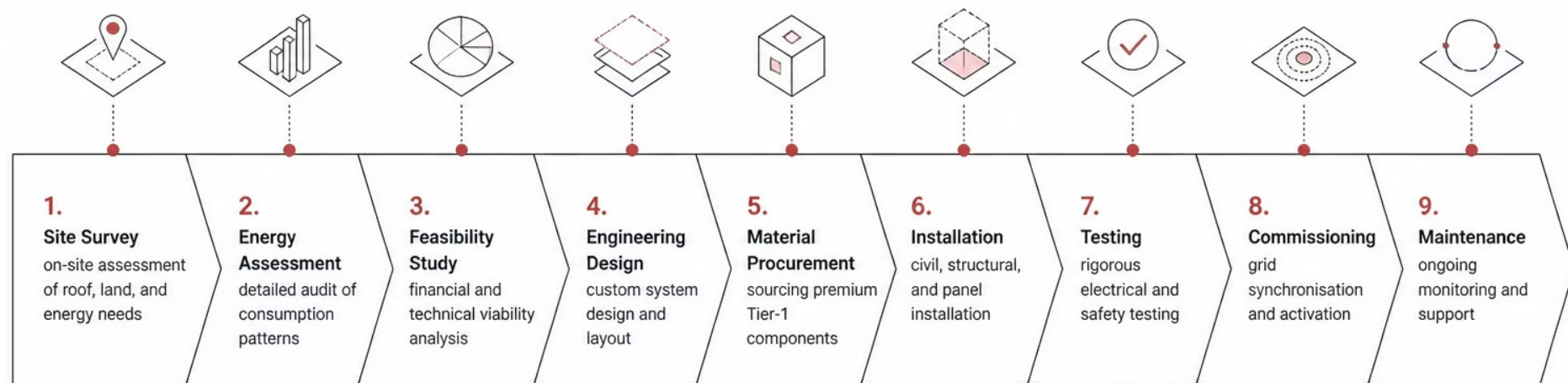


Net Zero Goals

Align with ESG mandates and corporate sustainability targets.

Complete Solar EPC Process

RMH Infrastructure manages every stage of your solar journey — from initial assessment to long-term maintenance — ensuring a seamless, turnkey experience with zero disruption to your operations.



Our structured EPC methodology ensures quality at every milestone, with dedicated project managers overseeing timelines, safety, and compliance throughout.

Types of Industrial Solar Systems

Every facility is unique. We design the right solar solution based on your energy demand, available space, and operational goals.



Rooftop Solar

Best for: Factories with large roof areas.

Advantage: Zero land cost, quick installation.

Ideal: Manufacturing, Warehouses, Textiles.



Ground Mounted Solar

Best for: Facilities with open land.

Advantage: Maximum capacity and efficiency.

Ideal: Steel, Chemical, Agro-processing.



Hybrid Solar Solution

Best for: High-demand, 24/7 operations.

Advantage: Solar + storage for uninterrupted power.

Ideal: Pharma, Hospitals, Data Centres.



Off-Grid & Captive Solar

Best for: Remote or power-unreliable locations.

Advantage: Complete energy independence.

Ideal: Mines, Remote Plants, Rural Facilities.

Industries We Serve

RMH Infrastructure has delivered solar installations across a wide spectrum of Indian industries — each with unique energy profiles, regulatory requirements, and sustainability goals.



Manufacturing Plants



Steel Industry



Textile Industry



Pharmaceutical



Food Processing



Warehouses



Chemical Plants



Automobile Industry



Commercial Buildings



Hospitals



Educational Campuses

Advanced Solar Technologies We Deploy

RMH Infrastructure specifies only Tier-1, cutting-edge solar components to maximise energy yield, system longevity, and operational intelligence.

TOPCon & N-Type Panels

Next-generation cell technology delivering higher efficiency and better performance in low-light conditions.

Bifacial Solar Panels

Generate power from both front and rear surfaces, increasing energy yield by up to 20%.

Smart Inverters & SCADA

Intelligent inverters with SCADA monitoring enable real-time performance tracking and remote diagnostics.

Battery Energy Storage (BESS)

Store excess solar energy for use during peak demand or grid outages, ensuring uninterrupted operations.

AI Energy Monitoring

Predictive analytics and smart metering optimise consumption patterns and identify savings opportunities.

The Business Case for Industrial Solar

The numbers speak for themselves. Industrial solar delivers measurable, long-term financial and environmental returns — making it one of the highest-ROI capital investments available to Indian manufacturers today.

80%

Cost Reduction

Potential reduction in electricity bills with a well-designed solar system.

25+

Years Lifespan

Solar plants operate reliably for over 25 years with minimal maintenance.

3–5

Year Payback

Typical ROI payback period for industrial solar installations in India.

1MW+

Projects Delivered

Cumulative solar capacity installed across Indian industrial facilities.



Industries with high daytime energy consumption — such as textiles, steel, and food processing — typically see the fastest payback periods and highest lifetime savings.

Why Choose RMH Infrastructure?

With a proven track record across Indian industries, RMH Infrastructure combines engineering excellence, premium components, and end-to-end project management to deliver solar plants that perform.



Experienced EPC Team

Certified engineers and project managers with deep industrial solar expertise.



Complete Turnkey Projects

Single-point responsibility from design to commissioning — zero coordination burden on you.



Premium Components

Only Tier-1 panels, inverters, and mounting structures sourced for maximum reliability.



International Safety Standards

Full compliance with IEC, IS, and MNRE guidelines for safe, certified installations.



Long-Term Maintenance

AMC packages and 24/7 remote monitoring to protect your investment for decades.



Dedicated Technical Support

On-ground and remote support teams ensuring maximum uptime and performance.

Frequently Asked Questions

What is Industrial Solar Installation?

Installing solar panels on factory rooftops or land to generate electricity for industrial use, reducing grid dependency and operational costs.

How much can industries save?

Most facilities save 60–80% on electricity bills, with ROI typically achieved within 3–5 years.

Rooftop vs Ground Mounted?

Rooftop utilises existing space at lower cost; ground-mounted allows larger capacity where land is available.

How long do solar plants last?

25–30 years with proper maintenance. Panels typically carry 25-year performance warranties.

What are the maintenance requirements?

Minimal — periodic panel cleaning and annual inspections. RMH offers AMC packages for hassle-free operation.

Can every factory install solar?

Most can. A site survey determines roof suitability, structural integrity, and optimal system size.

What about government policies and net metering?

India's net metering policy allows exporting surplus power to the grid, earning credits. MNRE subsidies and accelerated depreciation further improve ROI.

Why choose an EPC partner?

A turnkey EPC partner handles design, procurement, installation, and compliance — saving time and ensuring quality.