



**Greater Noida & India**

# Namdhari Eco Energies Pvt. Ltd

## COMPANY PROFILE

Namdhari Eco Energies specializes in addressing complex energy and efficiency challenges in today's demanding operational environments. We support industries, institutions, commercial establishments, and residential societies in improving operational efficiency through process modernization, automation, and system optimization.

With a proven track record of serving over 250 clients across diverse industry sectors in India, our energy auditing and consulting services are designed to deliver measurable energy savings, cost optimization, and sustainable performance improvements, customized to meet specific client requirements.



**We specialize in energy efficiency, carbon management, and sustainability compliance.**

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<https://ecoenergies.co.in/>



# About Us.

## Company Background

Established in 2011, Namdhari Eco Energies was founded with a clear vision to deliver industry-leading energy conservation and energy management solutions, aligned with national and international standards and best practices. Our organization is led by a team of highly experienced management and technical professionals with extensive expertise in energy consultancy, auditing, monitoring, and capacity building across both manufacturing and service sectors.

Several members of our core team are Lead Auditors accredited by the Bureau of Energy Efficiency (BEE), Government of India, and internationally certified by the Association of Energy Engineers (AEE), USA, reflecting our strong technical credentials and commitment to quality.

## Strategic Associations and Recognitions

Namdhari Eco Energies maintains strategic partnerships and professional affiliations with leading national and international energy agencies, utilities, and certification bodies, enabling us to deliver technically robust and compliant solutions.

A key milestone achievement includes our Energy Log - Energy Monitoring System, which was awarded the 2nd Prize for “Most Innovative Energy Saving Project of the Year - 2021” by the Hon’ble Power Minister of Haryana, along with a cash award of ₹50,000, in recognition of its innovation and impact.

## Accreditation and Empanelment

- Recognized as a Grade-II Energy Service Company (ESCO) by the Bureau of Energy Efficiency (BEE)
- Accredited Energy Audit Firm certified by the Bureau of Energy Efficiency (BEE)
- Empaneled with the Directorate of Energy, Himachal Pradesh for energy efficiency and conservation projects
- Empaneled with Power Grid Corporation of India Limited (PGCIL) for energy efficiency initiatives
- Listed with the Petroleum Conservation Research Association (PCRA) for energy efficiency projects

- Registered with Gujarat Energy Development Agency (GEDA) for energy-related programs
- Empaneled with Uttarakhand Energy Development Agency (UEDA) for energy conservation and renewable energy projects.

## Professional Excellence

- Team members hold international certifications from the Association of Energy Engineers (AEE), USA.
- Team members are accredited and certified by the Bureau of Energy Efficiency (BEE), Government of India.
- Mr. Bali Singh, a core team member, was conferred the prestigious title of “Best Energy Engineer of the World – 2021” by the Association of Energy Engineers (AEE), USA.



## NAMDHARI ECO ENERGIES PVT LTD

ENERGY FOR BETTER FUTURE

BEE ACCREDITED ENERGY AUDIT FIRM & ESCO

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### Registration number

EmAEA-057





# CORE SERVICES

## Annual and Detailed Energy Audit

Comprehensive energy audits to identify inefficiencies, reduce energy consumption, and optimize operational performance. Our audits follow national and international standards, delivering actionable recommendations with clear cost-benefit analysis and payback periods.

## Carbon Audit & Trading Support

End-to-end carbon audits to quantify greenhouse gas (GHG) emissions and support compliance with carbon regulations. We assist organizations in carbon credit identification, documentation, and participation in carbon trading schemes to achieve sustainability and financial benefits.

## Green Steel Certification

We provide end-to-end consultancy and audit support for Green Steel Certification, enabling steel manufacturers to demonstrate low-carbon and sustainable steel production in line with national and international standards.

Our services help steel plants reduce carbon intensity, enhance energy efficiency, increase renewable energy integration, and comply with emerging green procurement and ESG requirements.

## Carbon Credit Trading Scheme (CCTS)

Namdhari Eco Energies offers comprehensive consultancy and audit services for the Carbon Credit Trading Scheme (CCTS), supporting organizations in complying with emerging carbon market regulations and monetizing emission reduction opportunities.

Our CCTS services enable industries and utilities to accurately measure emissions, identify reduction potential, generate tradable carbon credits, and participate effectively in regulated carbon markets. We have successfully completed the Carbon Credit Trading Scheme (CCTS) audit for 25 textile industries and 40 iron & steel industries.

## Monitoring & Verification (M&V) Audit

Independent M&V audits to validate energy savings achieved from implemented energy conservation measures. Conducted as per protocols, ensuring credibility for regulatory filings, utility programs, and performance contracts.

## Renewable Consumption Obligation (RCO) Audit

Professional RCO audits to assess renewable energy compliance through solar, wind, or other RE sources. We support REC accounting, compliance verification, and reporting as per prevailing regulatory frameworks.



### **Carbon Accounting Audit**

Accurate calculation and reporting of Scope-1, Scope-2, and Scope-3 emissions. Our carbon accounting services help organizations track emission intensity, set reduction targets, and align with ESG and sustainability reporting requirements.

### **Solar Power Plant Energy Audit**

Performance evaluation of rooftop and ground-mounted solar power plants to identify generation losses, system inefficiencies, and degradation issues. Recommendations focus on improving plant output and return on investment.

### **Building Energy Audit**

Holistic assessment of electrical, HVAC, lighting, and utility systems in commercial and residential buildings. We provide practical energy conservation measures to reduce operating costs and improve energy efficiency ratings.

### **Pulp & Paper Industry Energy Audit**

Sector-specific energy audits addressing high energy-intensive processes such as pulping, drying, steam systems, and electrical drives. Focused on reducing specific energy consumption and improving process efficiency.

### **Iron & Steel Plant Energy Audit**

In-depth audits for iron and steel plants covering furnaces, rolling mills, utilities, and captive power systems. Our recommendations help optimize fuel usage, reduce losses, and enhance productivity.

### **Textile Plant Energy Audit**

Energy audits for spinning, weaving, processing, and garment units with emphasis on motors, compressed air, steam, and process optimization to reduce energy cost per unit of production.

### **Small & Medium Industries (SME) Energy Audit**

Cost-effective energy audits tailored for SMEs to identify quick-payback energy saving opportunities, improve competitiveness, and ensure compliance with energy efficiency norms.





### **Cement Plant Energy Audit**

Detailed analysis of thermal and electrical energy use in cement plants, including kilns, mills, and auxiliary systems. Focus on reducing specific energy consumption and improving overall plant efficiency.

### **Power Plant Energy Audit**

Comprehensive audits for thermal, renewable, and captive power plants to evaluate generation efficiency, auxiliary consumption, and losses. Supports performance improvement and regulatory compliance.

### **Electrical Safety Audit**

Assessment of electrical installations to ensure compliance with safety standards and statutory regulations. Identifies potential hazards, reduces accident risks, and enhances system reliability.

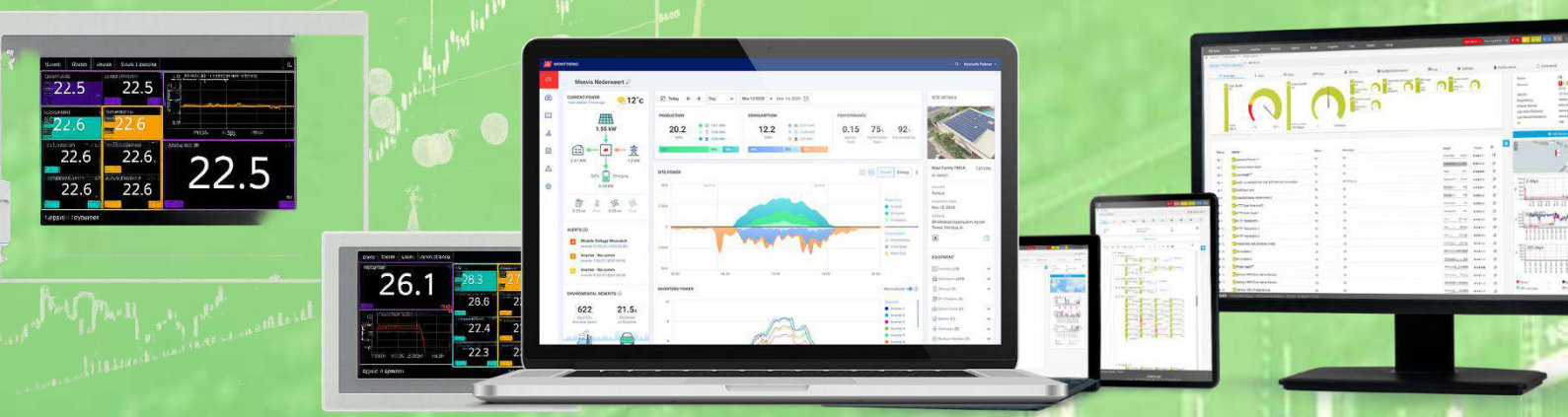
### **Thermography Services**

Advanced infrared thermography to detect hot spots, loose connections, insulation failures, and abnormal heating in electrical and mechanical systems—preventing failures and unplanned shutdowns.

## **Key Sectors Where we provide services**

<b>Iron &amp; Steel</b>	<b>DISCOM</b>	<b>Textile</b>	<b>Cement</b>	<b>Pulp &amp; Paper</b>	<b>Fertilizer</b>
<b>Railway</b>	<b>Refinery</b>	<b>Petrochemicals</b>	<b>Building</b>	<b>Thermal Power Plants</b>	<b>Power Plant</b>

**Our expertise spans energy efficiency, carbon management, compliance audits, and sustainability solutions across high energy-intensive and infrastructure sectors**



# Our Smart Solutions

## Solar Monitoring System

Our Solar Monitoring System provides real-time tracking of solar power generation, performance ratio, and system health. It enables early fault detection, loss analysis, and performance optimization to ensure maximum energy yield and return on investment from solar installations.

## Energy Monitoring System (EMS)

A comprehensive Energy Monitoring System that tracks electricity, fuel, and utility consumption across processes and facilities. The system delivers actionable insights to reduce energy losses, control demand, and improve overall energy efficiency.

## Chiller Efficiency Monitoring System

Our Chiller Efficiency Monitoring System continuously evaluates chiller performance using key parameters such as COP, kW/TR, and operating conditions. It helps identify inefficiencies, optimize chiller operations, and reduce cooling energy costs.

## Cold Storage Monitoring System

A smart monitoring solution for cold storage facilities to ensure optimal temperature, humidity, and energy performance. The system minimizes product losses, reduces energy wastage, and supports regulatory compliance.

## OT Monitoring System

Our OT (Operating Theatre) Monitoring System ensures strict control over temperature, humidity, air quality, and energy usage in hospitals. It supports patient safety, regulatory compliance, and efficient operation of critical healthcare infrastructure.



# ENERGY AUDIT:

A Better Way to Increase Energy Efficiency and Reduce Energy Bills



## Why Choose Namdhari Eco Energies Pvt. Ltd.?

Namdhari Eco Energies Pvt. Ltd. is a trusted name in the field of energy efficiency, sustainability, and regulatory compliance. We offer comprehensive and result-oriented solutions tailored to meet the evolving needs of industries, utilities, and institutions.

- BEE-Approved & Trusted Firm: Recognized and listed by BEE for conducting audits
- Experienced Audit Team: Comprising certified Energy Auditors, sector experts, GHG verifiers, and IT/data professionals
- Pan-India Portfolio: From private licensees like NPCL to large public DISCOMs like PSPCL and PVVNL
- Timely Compliance: Reports delivered within statutory timelines (1st April – 31st July)
- Complete Query Support: Full audit lifecycle management, including BEE query handling and follow-up actions

**+611**

Energy Audits

**+3,736**

Solar Sites  
Monitored

**+104**

Industrial Sites  
Monitored

Namdhari Eco Energies Pvt. Ltd. is committed to powering India's energy distribution ecosystem through:

- Transparent audits
- Strategic advisory
- Real-time data analysis
- Technology integration

**We don't just audit—we enable performance**

# Our Valuable Clients



**Namdhari**

**INDIA**

**Eco**

**Eco**

**Energies**

**Private**

**Pvt. Ltd.**

**Energy**

**NEE**

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Presence in  
Greater Noida, India

