



ENERGY AUDITS • PERFORMANCE • COMPLIANCE

SMART ENERGY FOR A SUSTAINABLE TOMORROW

Independent, data-driven energy audit and compliance support for measurable efficiency, cost reduction and sustainable growth.



HELM ENERGY SOLUTIONS

Company Profile • 2026

Engineering energy efficiency

HELM Energy Solutions is built around young and qualified BEE-certified energy auditors. The team combines strong technical knowledge with on-site experience to deliver focused, transparent energy audits and compliance support.

AUDIT

Independent & focused

APPROACH

Data-driven decisions

OUTCOME

Measurable savings

WHY CHOOSE US

From measurement to action

- 1 Expert energy consumption analysis
- 2 Customized & timely reporting
- 3 Tailored energy-saving recommendations
- 4 Sector-specific energy optimization
- 5 Continuous improvement & support

OUR VISION

To be the most trusted independent partner for measurable energy efficiency, regulatory compliance, and sustainable growth.

Energy intelligence, end to end

ENERGY AUDIT

- Preliminary & Detailed Energy Audit
- Energy Cost & Consumption Analysis
- Identification of Energy Losses & Saving Opportunities

THERMAL AUDIT

- Thermal System Performance Analysis
- Fuel & Heat Loss Reduction Studies

HVAC AUDIT

- Performance analysis of HVAC High Side & Low Side

GREEN AUDIT

- Environmental Impact Assessment
- Resource Efficiency & Sustainability Review

POWER QUALITY

- Three Phase & Harmonic Analysis
- Advanced Electrical & Power Quality Diagnostics

THERMOGRAPHY

- Condition Monitoring of Electrical & Mechanical Systems
- Hot-Spot Detection for Motors, Cables, Panels & Joints

WATER AUDIT

- Water Consumption & Loss Analysis
- Identification of Cost-Effective Water Saving Measures

EQUIPMENT & SYSTEM PERFORMANCE

- Individual Equipment Efficiency Assessment
- System-Level Performance Optimization

Where we create impact

01 Detailed Energy Audits

Commercial & Residential Buildings

02 Mandatory Energy Audits

MEAs for PAT Scheme

03 Institutional Facilities

Campuses & operational facilities

04 Retail & Hospitality

Energy-intensive customer environments

05 Data Centre & IT

Critical power & cooling systems

06 MSMEs

Micro, Small & Medium Enterprises

PRIMARY FOCUS

- Refrigeration / Chilled Water Systems
- Fans & Blowers
- Cooling Towers
- Air Compressors
- Pumps
- Illumination

MEASURE → ANALYSE → OPTIMISE → IMPROVE

Qualified people. Practical expertise.

1

DR. R. VIGNESH KUMAR, M.E., PH.D.

Certified Energy Auditor • ISO 14064 Lead Verifier

2

ER. R. JAYA VENKATESH, M.E.

Certified Energy Auditor • ISO 14064 Lead Verifier • SEEM Member

3

ER. K. SUDALAIYANDI, M.E.

BEE Certified Energy Auditor • BEE Sector – Buildings • ISO 14064 Lead Verifier • IGBC Accredited Professional • IEI Member • IOV • RVF Member

OUR MISSION

- Deliver independent and credible energy audit and performance assessment services.
- Support compliance, management system requirements, and continual improvement.
- Progressively expand into sustainability, ISO management systems, and renewable energy domains.



LET'S MAKE ENERGY WORK SMARTER.

Talk to HELM Energy Solutions for energy audits, performance optimisation and compliance support.

PHONE

+91 99447 62861

+91 99422 66005

+91 90950 45220

WEB

www.helmenergy.in

ADDRESS

1/420, 50th Street, Kalangaraipatti,
Kayathar – 628721, Thoothukudi, Tamil Nadu
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