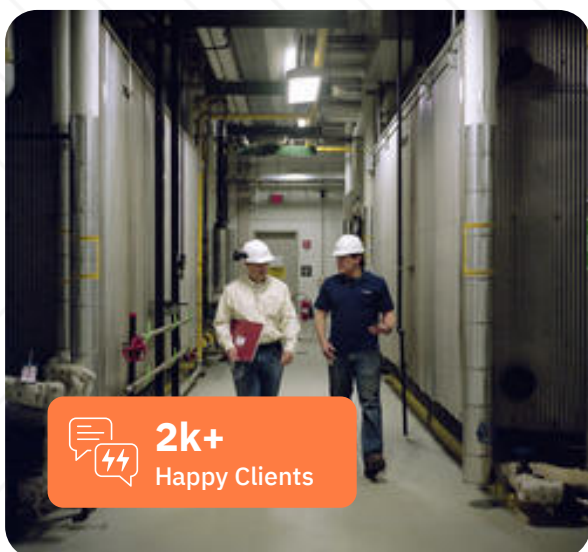




Concept to
Commissioning

Energy Management & Audit Services



Empowering Efficiency. Enabling Sustainability.

At Safety Saarthi Pvt. Ltd., we understand that energy efficiency is the foundation of sustainable growth. Our Energy Management & Audit Services help industries and organizations reduce operational costs, improve power reliability, and meet green compliance standards without compromising performance. Through our team of certified energy auditors and engineers, we deliver end-to-end energy solutions from auditing and analysis to implementation and monitoring helping you unlock true energy potential.



**10+ Years of
Multidisciplinary EPC
Expertise**



**Class A Licensed Fire
Safety Contractor**



**Dedicated Design,
Execution & AMC
Teams**



**Proven Track Record
Across India's
Industrial Belt**



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Energy Audits & Load Studies

Discover Hidden Energy Leaks. Power Your Profitability.

Our comprehensive Energy Audits & Load Studies are deep dives into your facility's energy consumption patterns, identifying where and how energy is wasted. The Benefit is Clarity & Savings: You gain a detailed consumption profile, pinpoint areas of significant leakage, and receive prioritized, actionable recommendations for immediate cost reduction and system optimization.



Accurate load profiling and demand pattern analysis



Reduction of energy costs by up to 15-30%



Compliance with Bureau of Energy Efficiency (BEE) standards



Tailored recommendations with ROI-driven solutions

Why Safety Saarthi:

Our comprehensive energy audits evaluate your facility's energy consumption patterns to identify inefficiencies, wastage, and opportunities for cost savings.



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Power Quality Analysis

Ensure Power Stability. Enhance Equipment Life.

Power Quality Analysis detects hidden issues like harmonics, voltage sags, and transients that damage equipment and cause inefficiency. The Benefit is Reliability: Analysis prevents premature equipment failure, reduces maintenance costs caused by power instability, and improves the lifespan and reliability of sensitive electronics and motors.



Early detection of harmonics and voltage irregularities



Prevent equipment breakdown and energy losses



Improved operational uptime and efficiency



Enhanced life of motors, drives, and control systems

Why Safety Saarthi:

Our advanced Power Quality Analysis helps detect voltage sags, transients, and distortions, ensuring reliable and clean power for uninterrupted operations.



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Electrical System Optimization

Smarter Systems. Lower Bills. Greater Reliability.

We identify and rectify electrical losses caused by poor power factor, unbalanced loads, and inefficient components through Electrical System Optimization. The Benefit is Financial: You eliminate utility penalties by correcting power factor, reduce transmission losses, and significantly lower your overall electricity bill while maximizing system performance.



Load balancing and power factor correction



Reduced transformer and cable losses



Lower utility bills and demand charges



Improved safety and system reliability

Why Safety Saarthi:

We help optimize your entire electrical distribution network from transformer to end load by balancing loads, upgrading panels, and improving power factor.



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HVAC Energy Efficiency Audits

Cooler Operations. Smarter Energy Use.

HVAC Energy Efficiency Audits focus on your largest single consumer of energy (cooling, heating, and ventilation). The Benefit is Comfort & Cost: We ensure your VRF/Chiller systems run at peak efficiency, eliminate wasted energy from duct leaks or motor inefficiency, and guarantee maximum comfort for minimum operational cost.



10-25% reduction in HVAC energy consumption



Improved indoor comfort and air quality



Optimization of chiller, VRF, and ducting systems



Data-based retrofit and automation recommendations

Why Safety Saarthi:

Our audits analyze airflow, equipment performance, and control settings to optimize efficiency and comfort. We provide actionable insights for system redesign, retrofit, or automation.



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Energy Saving Implementation & Monitoring

Measure. Manage. Maximize Savings.

We implement and verify your savings through Energy Saving Implementation & Monitoring, installing necessary controls and sensors. The Benefit is Accountability: We automate optimizations and provide ongoing reporting to guarantee that the projected cost savings are realized and maintained over time, ensuring your investment pays off consistently.



IoT-based monitoring and data analytics



Verified energy savings through real-time data



Continuous improvement and maintenance support



Compliance with ISO 50001 energy management standards

Why Safety Saarthi:

Our implementation and monitoring services ensure that recommended energy-saving measures translate into real-world results.



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Concept to Commissioning

Let's Build Safer, Smarter, and Stronger Infrastructure.

Contact us



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