



B Lounge Tower 2 , 2nd floor, HiLITE Business Park,
Poovangal, Kozhikode, Pantheeramkavu, Kerala 673014



+91 7012802110 , +91 8113092998

Energy Management Policy

Facalto Facilities & Projects management L.L.P

1. Purpose

The purpose of this Energy Management Policy is to establish guidelines for reducing energy consumption, improving energy efficiency, and promoting sustainable practices across all facilities managed by the organization. This policy aims to minimize environmental impact, reduce operational costs, and support long-term sustainability goals.

2. Scope

This policy applies to all buildings, facilities, and infrastructure owned, leased, or managed by the organization. It encompasses all energy-related aspects, including electricity, heating, ventilation, air conditioning (HVAC), water heating, and lighting, as well as other forms of energy consumption.

3. Objectives

- Reduce overall energy consumption across facilities.
- Improve the energy efficiency of buildings, systems, and processes.
- Support the use of renewable energy sources wherever feasible.
- Ensure compliance with local, national, and international energy and environmental regulations.
- Promote a culture of energy awareness and responsibility among employees, contractors, and stakeholders.

4. Energy Efficiency Measures

- Building Systems Optimization: All building systems (HVAC, lighting, electrical, etc.) will be assessed and optimized for energy efficiency. Building automation systems (BAS) will be employed to monitor and control energy use in real-time.
- Lighting Systems: Energy-efficient lighting solutions such as LED technology, daylight sensors, and motion detectors will be installed to reduce electricity consumption in common areas and workspaces.
- HVAC Efficiency: Heating and cooling systems will be regularly maintained to ensure optimal performance. Energy-efficient equipment, variable-speed drives, and programmable thermostats will be utilized to minimize energy use without compromising comfort.
- Water Heating and Use: The organization will implement energy-saving water heating technologies and reduce hot water consumption in all facilities.

5. Use of Renewable Energy

- Renewable Energy Integration: Where possible, renewable energy sources such as solar panels, wind power, or geothermal systems will be integrated into the energy supply for facilities. Renewable energy certificates (RECs) or other forms of green energy procurement will be considered if on-site generation is not feasible.
- Green Energy Procurement: Preference will be given to suppliers and utility providers that offer renewable energy options. Contracts with green energy providers will be prioritized to reduce the carbon footprint of facilities.

6. Energy Monitoring and Measurement

- Energy Audits: Regular energy audits will be conducted to identify energy-saving opportunities and evaluate the effectiveness of energy management initiatives.
- Energy Monitoring Systems: The organization will implement energy monitoring systems that provide real-time data on energy usage across all facilities. This data will be analysed to detect inefficiencies, set energy reduction targets, and track progress.
- Energy Performance Benchmarks: Facilities will be benchmarked against industry standards and best practices to ensure continuous improvement in energy performance.





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7. Employee Engagement and Training

- Awareness Programs: Employees will be educated on energy-saving practices through regular training sessions, workshops, and communication campaigns. Energy conservation tips will be shared, and employees will be encouraged to adopt responsible energy use behaviours.
- Roles and Responsibilities: All staff members, from senior management to facilities personnel, have a role in contributing to energy efficiency. Facility managers will be responsible for implementing and monitoring energy-saving measures, while all employees are expected to follow guidelines on energy usage.
- Incentive Programs: Incentive programs may be established to reward departments or individuals who demonstrate significant contributions to energy reduction.

8. Sustainable Design and Construction

- Energy-Efficient Building Design: All new construction, renovation, and refurbishment projects will incorporate energy-efficient design principles, including the use of passive solar design, high-efficiency windows, and sustainable building materials.
- Green Building Certifications: The organization will seek to achieve green building certifications (e.g., LEED, BREEAM, or similar) for new and existing facilities where possible, ensuring that buildings meet high standards of energy efficiency and environmental performance.

9. Legal and Regulatory Compliance

- The organization will comply with all relevant local, national, and international regulations, codes, and standards related to energy use, efficiency, and sustainability.
- Regular reviews will ensure that facilities adhere to any new or updated energy-related legislation and best practices.

10. Continuous Improvement

- Energy Reduction Targets: Specific, measurable, achievable, relevant, and timebound (SMART) energy reduction targets will be set for each facility and reviewed annually to track progress.
- Performance Reviews: The organization will continuously review and refine energy management strategies based on the results of audits, energy data analysis, and changes in technology or regulations.
- Innovation in Energy Management: The organization will explore new technologies and practices, such as smart grids, advanced energy storage systems, and demand-side management, to enhance energy efficiency and sustainability.

11. Reporting and Accountability

- Energy Reporting: Regular reports will be generated to track energy consumption, cost savings, and progress toward energy reduction targets. These reports will be shared with senior management and relevant stakeholders.
- Accountability: Facility managers and energy officers are responsible for implementing this policy, tracking energy performance, and reporting results. Senior management will ensure that adequate resources are provided to support energy management initiatives.

12. Policy Review

This policy will be reviewed annually or as necessary to ensure it remains relevant, reflects the latest technological advancements, and complies with updated legal or regulatory requirements. It will be prioritized to reduce the carbon footprint of facilities.

Mubarak Paruthikkattu Parambil

Chief Operating Officer (COO)

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www.facalto.com



info@facalto.com