

ENERGY CONSUMPTION & GREENHOUSE GAS (GHG) EMISSIONS POLICY

Doc. No: UAL-ESG-P-04	Revision: 1	Effective Date: 15-09-2025 Revision Date: 01-06-2026 Next Review Date: 02-04-2027	Page 1 of 6
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POLICY STATEMENT

The organization is committed to responsible energy management and climate action. We recognize that efficient energy use and the reduction of greenhouse gas (GHG) emissions are essential to minimizing environmental impact, supporting sustainable industrial development, and contributing to global climate goals.

We will continually work to reduce energy consumption, transition toward cleaner energy sources, and lower emissions across our operations. Our approach is guided by the principles of environmental stewardship, continuous improvement, transparent reporting, and adherence to relevant national and international guidelines.

Top management is committed to providing the necessary resources, support, and oversight to achieve the objectives and targets outlined in this policy.

2. PURPOSE

The purpose of this policy is to outline the organization's commitments, expectations, and management approach regarding energy consumption and GHG emissions. This policy provides a framework for improving operational efficiency, reducing carbon footprint, aligning with global sustainability expectations, and supporting long-term resource conservation.

3. SCOPE

This policy applies to all organizational activities across manufacturing facilities, warehouses, processing areas, testing laboratories, logistics operations, and administrative offices. It covers all employees, contractors, and departments whose activities influence energy consumption or emissions. The policy further extends to suppliers and service partners whose operations materially impact the organization's energy performance or overall emissions footprint.

3.1 Greenhouse Gas Emissions Coverage

This policy covers greenhouse gas emissions across the organization's operations and value chain, including:

Scope 1: Direct emissions from owned or controlled sources, including fuel combustion, company-owned vehicles, and process emissions.

Scope 2: Indirect emissions from purchased electricity, steam, heating, and cooling consumed by the organization.

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Scope 3: Other indirect emissions occurring across the value chain, including purchased goods and services, transportation and distribution, waste generated in operations, business travel, employee commuting, and other relevant categories.

4. APPLICABLE LAWS, REGULATIONS & GUIDING FRAMEWORKS

The organization is committed to complying with relevant national and international energy, environmental, and climate-related regulatory requirements. This policy is informed by, but does not claim certification under, the following frameworks:

4.1 National Laws & Regulations

- Energy Conservation Act
- Bureau of Energy Efficiency (BEE) guidelines
- Environment (Protection) Act, Air & Water Acts
- Central and State Pollution Control Board (CPCB/SPCB) requirements

4.2 International Standards & Guidance

- ISO 14001 Environmental Management System principles
- ISO 50001 Energy Management System principles
- GHG Protocol Corporate Accounting Standard
- GRI Standards: GRI 302 (Energy), GRI 305 (Emissions)
- Science Based Targets initiative (SBTi) guidance
- CDP Climate Change disclosure framework

These frameworks help shape our policy commitments and reflect global best practices.

5. ALIGNMENT WITH UN SUSTAINABLE DEVELOPMENT GOALS (SDGs)

This policy supports the following SDGs that are particularly material to industrial energy and climate impact:

- **SDG 7:** Affordable and Clean Energy
- **SDG 9:** Industry, Innovation and Infrastructure
- **SDG 12:** Responsible Consumption and Production
- **SDG 13:** Climate Action

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6. OBJECTIVES AND TARGETS**6.1 Qualitative Objectives**

The organization aims to:

1. Establish and maintain systems to monitor, measure, and manage energy consumption and GHG emissions across operations.
2. Integrate energy efficiency and carbon reduction considerations into procurement, project planning, and operational decisions.
3. Promote process optimization, preventive maintenance, and efficient equipment use to minimize energy losses.
4. Increase the adoption of renewable and low-carbon energy sources where feasible.
5. Support environmental protection, conservation, resource efficiency, and pollution prevention initiatives within local communities and across the value chain.
6. Monitor, measure, and progressively reduce Scope 1, Scope 2, and relevant Scope 3 greenhouse gas emissions in accordance with internationally recognized methodologies such as the GHG Protocol.
7. Build employee capability through training and awareness on energy management and climate-related practices.
8. Encourage suppliers and logistics partners to align with low-carbon and energy-efficient practices.
9. Ensure compliance with all applicable regulatory and voluntary environmental obligations.

6.2 Quantitative Targets

The organization will work towards:

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- Reducing total energy consumption by 10 % through efficiency improvements and process optimization.
- Reducing combined Scope 1, Scope 2 and Scope 3 GHG emissions by 20% 2028 from a FY2025-26 baseline.
- Increasing renewable energy to from 95% to 99% of total electricity consumption by 2027.
- Improving energy intensity (energy per unit of output) by 2%.

7. IMPLEMENTATION APPROACH

To achieve the objectives outlined in this policy, the organization will:

- Conduct periodic energy audits and GHG inventories to identify improvement opportunities.
- Determine significant energy uses (SEUs) and implement targeted efficiency projects.
- Adopt or upgrade to energy-efficient technologies, machinery, lighting, and automation systems.
- Share environmental best practices, lessons learned, and sustainability knowledge with relevant stakeholders where appropriate.
- Reduce energy losses through preventive and predictive maintenance processes.
- Optimize operational practices such as equipment scheduling, material handling, and load management.
- Explore the feasibility of renewable energy (e.g., solar rooftop, green power procurement).
- Integrate energy and emissions considerations into procurement criteria and supplier engagement programs.
- Promote employee participation through training, awareness campaigns, and suggestion programs.

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8. ROLES & RESPONSIBILITIES

Role	Responsibilities
Top Management	Approve policy and targets; allocate resources; integrate energy & climate goals into business strategy; review annual performance.
Sustainability / ESG Team	Manage the policy's implementation; maintain energy and GHG databases; coordinate audits; track and report performance.
Engineering / Energy Management Team	Conduct energy reviews; identify SEUs; implement efficiency projects; monitor equipment performance; maintain KPIs.
Department Heads	Ensure operational controls; promote energy-efficient practices; monitor team performance; support training initiatives.
Employees	Follow energy conservation practices; report inefficiencies; adopt responsible workplace behaviors.
Suppliers & Contractors	Follow procurement specifications; share energy/GHG information when requested; support low-carbon initiatives.

9. MONITORING, REVIEW & DISCLOSURE

- Energy consumption and GHG emissions will be monitored at defined intervals using standardized methodologies.
- The organization shall prepare, maintain, and review an annual greenhouse gas (GHG) inventory in accordance with the GHG Protocol.
- Internal audits will be conducted annually to verify policy implementation and compliance.
- Performance will be reviewed by senior management, and corrective actions will be implemented where necessary.

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- Progress may be communicated through sustainability reports, customer platforms, and regulatory disclosures.
- This policy will be reviewed annually or earlier if prompted by regulatory updates, technological advancements, or organizational changes.

10. DOCUMENT CONTROL & APPROVAL

This policy is subject to formal document control procedures to ensure compliance with internal standards and applicable regulations. The document shall not be modified, circulated, or implemented without appropriate review and approval. Authorized personnel are responsible for maintaining the integrity and accuracy of this policy at all times

		
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