



# Energy & Climate Change Policy

## University of Al-Ameed

### Policy Information

Item	Details
Policy Title	Energy & Climate Change Policy
Policy ID	AU-SUS-ENE-002
Policy Category	Institutional Sustainability Policy
Responsible Entity	University Presidency in coordination with relevant administrative, engineering, technical, maintenance, transportation, and ICT units
Approval Authority	University Council / University Presidency
Effective Date	2025/08/26
Review Cycle	Annual Review

## 1. Purpose

University of Al-Ameed is committed to supporting responsible energy management practices and promoting institutional efforts that contribute to environmental sustainability, operational efficiency, and climate responsibility.

This policy establishes a general framework to guide energy use, resource efficiency, emissions awareness, and climate-related considerations across university campuses and operations. The university seeks to encourage efficient use of energy resources, gradual integration of modern technologies, and responsible operational practices that support long-term institutional sustainability and environmental stewardship.

## 2. Scope

This policy applies to:

- all university campuses and affiliated facilities;
- academic, administrative, medical, laboratory, and service buildings;
- campus utilities and infrastructure systems;
- transportation and university-operated vehicles where applicable;
- energy-consuming equipment, systems, and operations;
- relevant university units involved in facilities management, maintenance, transportation, procurement, ICT, and operational planning.



### **3. Policy Objectives**

The university seeks through this policy to:

- encourage efficient and responsible energy use across university operations;
- support gradual improvement of energy efficiency practices and infrastructure;
- encourage consideration of renewable and alternative energy opportunities where feasible;
- support institutional awareness regarding climate change and greenhouse gas emissions;
- encourage integration of modern technologies and digital monitoring systems that support operational efficiency;
- support reduction of unnecessary energy consumption and resource waste;
- encourage environmentally responsible operational and transportation practices;
- support institutional improvement in alignment with evolving sustainability practices and frameworks.

### **4. Policy Commitments**

University of Al-Ameed supports the integration of responsible energy and climate-related considerations into campus operations, infrastructure management, planning activities, and institutional development where feasible and appropriate.

The university seeks to:

#### **4.1 Energy Efficiency and Resource Optimisation**

- encourage efficient operation of lighting, cooling, ventilation, laboratory, and infrastructure systems;
- support consideration of energy-efficient equipment, technologies, and operational practices;
- encourage responsible use of electricity and fuel resources across university facilities and activities;
- support awareness initiatives that promote energy conservation practices within the university community.

#### **4.2 Renewable and Alternative Energy Considerations**

- encourage exploration of renewable and alternative energy opportunities where technically and financially feasible;
- support consideration of solar energy and other applicable clean energy technologies within future campus development and infrastructure projects;
- encourage gradual integration of sustainability-oriented energy solutions where appropriate.



### **4.3 Smart Systems and Digital Monitoring**

- support the use of modern technologies, smart systems, and ICT solutions that contribute to monitoring and improving operational efficiency;
- encourage use of digital systems for energy monitoring, facility management, and infrastructure oversight where feasible;
- support future development of institutional data collection and reporting mechanisms related to energy performance.

### **4.4 Climate Responsibility and Greenhouse Gas Awareness**

- support institutional awareness regarding environmental impacts associated with energy use and transportation activities;
- encourage gradual improvement in practices that may contribute to reducing greenhouse gas emissions where feasible;
- support future assessment and monitoring of emissions-related data and operational impacts where appropriate.

For institutional monitoring purposes, greenhouse gas emission considerations may include:

- direct emissions associated with university-operated equipment and fuel-consuming sources (Scope 1);
- indirect emissions associated with purchased electricity or external energy supply (Scope 2);
- selected indirect operational activities where relevant and feasible for institutional assessment (Scope 3).

### **4.5 Sustainable Transportation and Operational Practices**

- encourage operational practices that contribute to efficient transportation and fuel use;
- support consideration of fuel-efficient or lower-emission transportation solutions where feasible;
- encourage coordination between transportation planning and institutional sustainability objectives.

## **5. Implementation Framework**

Implementation of this policy may be supported through coordination between relevant university units, including engineering, maintenance, transportation, procurement, ICT, administrative, and operational departments.

The university may:

- integrate energy efficiency considerations into planning and operational activities;
- encourage responsible operational practices related to energy and fuel consumption;



- support gradual infrastructure and technology improvements based on institutional priorities and available resources;
- develop supporting procedures, digital systems, monitoring tools, or operational guidelines where needed;
- support awareness and educational initiatives related to sustainability, climate responsibility, and efficient energy use.

## **6. Monitoring, Review, and Continuous Improvement**

The university supports periodic review of energy use and operational practices to encourage continuous institutional improvement and responsible resource management.

Relevant units may contribute to:

- maintaining records related to energy consumption and operational activities;
- supporting future development of institutional performance indicators (KPIs) and reporting mechanisms;
- supporting collection of information related to electricity use, fuel consumption, renewable energy initiatives, and emissions-related activities where feasible;
- supporting future digital monitoring and data analysis practices where appropriate.

This policy shall be reviewed annually and may be updated in accordance with institutional priorities, operational developments, technological advancements, regulatory considerations, or sustainability-related objectives.

## **7. Records Management and Documentation**

Relevant university units are encouraged to maintain records and supporting documentation related to:

- electricity and fuel consumption;
- infrastructure and equipment upgrades;
- renewable energy initiatives;
- transportation-related operational data;
- maintenance activities;
- sustainability and emissions-related information where applicable.

Where feasible, the university may support digital archiving and centralised documentation practices to strengthen institutional reporting, operational continuity, and future sustainability assessment capabilities.



## 8. Related References and Guiding Frameworks

This policy may be guided by relevant national regulations and internationally recognised good practices related to energy management, environmental sustainability, occupational safety, and climate responsibility, including where applicable:

- Iraqi Ministry of Higher Education and Scientific Research regulations and directives;
- applicable national environmental and energy considerations;
- ISO 14001 Environmental Management System principles;
- ISO 50001 Energy Management System principles;
- ISO 45001 Occupational Health and Safety Management principles;
- general sustainability and climate-related institutional frameworks.

## 9. Revision History

<b>Version</b>	<b>Date</b>	<b>Description of Revision</b>	<b>Approved By</b>
1.0	2025/8/26	Initial Policy Release	Presidency
2.0	2026/5/20	Comprehensive revision and expansion of the policy framework to strengthen institutional sustainability governance, operational implementation, digital transformation integration, reporting mechanisms, and alignment with current institutional development priorities and international sustainability practices.	Presidency