



Grand Asian University, Sialkot

Energy Management Policy (2025)

ALIGNED WITH UNITED NATIONS
Sustainable Development Goals 2030



SDG 7

Affordable and Clean Energy

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Annual



1. POLICY STATEMENT

Grand Asian University Sialkot (GAUS) is committed to responsible energy management and the efficient use of energy resources in support of environmental sustainability, climate action, operational excellence, and the University's strategic commitment to sustainable development.

The University recognizes that energy conservation and renewable energy utilization play a critical role in reducing greenhouse gas emissions, minimizing environmental impacts, improving resource efficiency, and supporting the achievement of the United Nations Sustainable Development Goals (SDGs).

GAUS is committed to continuously improving its energy performance through energy-efficient infrastructure, renewable energy systems, responsible energy-use practices, awareness programs, and sustainable campus operations.

2. PURPOSE

This Policy establishes the framework for:

- Efficient utilization of energy resources
- Reduction of unnecessary energy consumption
- Promotion of renewable energy use
- Reduction of greenhouse gas emissions
- Improvement of energy performance across campus operations
- Integration of energy management into institutional planning
- Support for climate change mitigation initiatives
- Compliance with sustainability commitments and UI GreenMetric requirements

3. SCOPE

This Policy applies to all campus premises and stakeholders, including but not limited to:

- Academic buildings, administrative offices, laboratories, library facilities, auditoriums, hostels, and cafeterias
- Outdoor lighting systems and campus infrastructure
- Students, faculty members, administrative staff, contractors, and service providers operating on campus

4. POLICY OBJECTIVES

GAUS shall strive to achieve the following objectives:

4.1 Energy Efficiency

Improve energy efficiency in campus facilities and operations through adoption of energy-saving technologies and practices.



4.2 Renewable Energy

Increase the utilization of renewable energy sources and support the University's transition toward clean energy systems.

4.3 Carbon Emission Reduction

Reduce greenhouse gas emissions associated with campus energy consumption.

4.4 Sustainable Infrastructure

Incorporate energy-efficient principles into campus planning, construction, renovation, and maintenance activities.

4.5 Awareness and Education

Promote awareness regarding responsible energy use among students, faculty, staff, and visitors.

4.6 Continuous Improvement

Monitor energy performance and pursue continual improvement in energy management practices.

5. ENERGY MANAGEMENT PRINCIPLES

The University shall adopt the following guiding principles:

A. Energy Conservation First

Energy conservation shall be prioritized before increasing energy supply.

B. Renewable Energy Preference

Preference shall be given to renewable and low-carbon energy sources whenever technically and economically feasible.

C. Efficient Technology Adoption

Energy-efficient technologies shall be encouraged in all university facilities.

D. Responsible Energy Use

All members of the university community shall use energy responsibly and avoid unnecessary consumption.

E. Data-Based Management

Energy planning and decision-making shall be based on energy-consumption records and performance monitoring.



6. ENERGY MANAGEMENT STRATEGIES

6.1 Renewable Energy Utilization

The University shall:

- Operate and maintain solar photovoltaic systems
- Expand renewable energy utilization where feasible
- Promote clean-energy technologies
- Monitor renewable energy production and performance

6.2 Energy-Efficient Buildings

The University shall promote:

- LED lighting systems
- Energy-efficient appliances and equipment
- Natural daylight utilization
- Improved indoor ventilation
- Energy-conscious building operation

6.3 Efficient HVAC Operations

The University shall encourage:

- Use of inverter-based air-conditioning systems
- Responsible temperature settings
- Scheduled maintenance of HVAC systems
- Efficient operation of cooling equipment

6.4 Lighting Management

The University shall:

- Utilize energy-efficient lighting systems throughout campus
- Ensure lights are switched off when spaces are unoccupied
- Maximize natural daylight where practical
- Replace obsolete lighting technologies with efficient alternatives

6.5 Equipment and Appliance Management

Departments shall:

- Procure energy-efficient equipment whenever feasible
- Switch off equipment when not in use
- Maintain electrical equipment regularly
- Avoid unnecessary standby power consumption



6.6 Digitalization and Resource Efficiency

The University shall encourage paperless communication, digital records management, electronic documentation systems, and online administrative and academic processes. These measures contribute to indirect energy savings and carbon reduction.

7. ROLES AND RESPONSIBILITIES

Role / Office	Responsibilities
Vice Chancellor	Provide leadership and institutional support for energy management initiatives
Sustainability Committee	Monitor implementation of the Energy Management Policy Recommend improvement measures Review annual energy performance
Treasurer Office	Support budgeting and investment for energy efficiency and renewable energy initiatives
Administration Department	Maintain campus energy infrastructure Coordinate energy-saving measures across campus
Academic Departments	Promote responsible energy use within departmental facilities Ensure compliance with this Policy
Students and Staff	Use energy responsibly and avoid unnecessary consumption Comply with energy conservation guidelines Support sustainability initiatives

8. ENERGY PERFORMANCE MONITORING

The University shall maintain records relating to:

- Electricity consumption
- Renewable energy generation
- Energy conservation initiatives
- Energy-efficient infrastructure
- Energy-related sustainability projects

Annual reviews shall be conducted to assess performance and identify opportunities for improvement.

9. TRAINING AND AWARENESS

GAUS shall conduct periodic energy awareness campaigns, sustainability workshops, student engagement activities, green campus initiatives, and energy conservation programs to strengthen energy-conscious behavior across the university community.



10. CONTRIBUTION TO SUSTAINABLE DEVELOPMENT GOALS

Implementation of this Policy contributes to the following United Nations Sustainable Development Goals:

- SDG 7 – Affordable and Clean Energy
- SDG 9 – Industry, Innovation and Infrastructure
- SDG 11 – Sustainable Cities and Communities
- SDG 12 – Responsible Consumption and Production
- SDG 13 – Climate Action
- SDG 17 – Partnerships for the Goals

11. POLICY REVIEW

This Policy shall be reviewed every three (03) years, or earlier if required by changes in institutional priorities, sustainability objectives, legal requirements, or UI GreenMetric reporting requirements. The Sustainability Committee shall be responsible for initiating and coordinating the review process.

12. UI GREENMETRIC ALIGNMENT

This Policy is aligned with the following UI GreenMetric indicators: EC.1, EC.2, EC.3, EC.6, EC.7, EC.9, EC.10, and EC.16. It serves as the master policy document for the Energy & Climate Change category in the University's GreenMetric submission.

13. APPROVAL

Prepared & Reviewed by: Registrar	Approved by: Pro – Vice Chancellor
  Dr. Saqib Anwar Siddiqui	