



Grand Asian University, Sialkot

ENERGY CONSERVATION POLICY

(2025)

ALIGNED WITH UNITED NATIONS
Sustainable Development Goals 2030



SDG 11

Sustainable Cities and Communities

Document Reference

GAUS-SUS-EC-007

Version

Version 1.0

Approved Date

29 Nov, 2025

Review Cycle

Every 3 Years



1. INTRODUCTION

Grand Asian University Sialkot (GAUS) recognizes energy conservation as a strategic priority for environmental sustainability, operational efficiency, climate change mitigation, and responsible resource management. This Policy establishes the University's commitment to minimizing energy consumption, improving energy efficiency, reducing energy waste, and promoting a culture of responsible energy use throughout all campus operations.

2. SCOPE

This Policy applies to:

- All academic, administrative, residential, recreational, and support facilities of the University
- Faculty members, staff, students, visitors, contractors, and service providers
- Energy-consuming equipment and infrastructure
- Campus buildings, laboratories, offices, classrooms, hostels, cafeterias, and common areas
- Existing and future infrastructure development projects

3. POLICY STATEMENT

GAUS is committed to achieving excellence in energy conservation through efficient energy management practices, adoption of energy-efficient technologies, behavioral change initiatives, renewable energy integration, and continuous performance monitoring. The University shall actively pursue reductions in energy consumption while maintaining high standards of education, research, safety, comfort, and operational effectiveness.

4. OBJECTIVES

The objectives of this Policy are to:

- Reduce unnecessary energy consumption across campus.
- Improve energy efficiency of buildings and infrastructure.
- Promote responsible energy-use behavior among campus users.
- Support the University's climate action and sustainability goals.
- Reduce greenhouse gas emissions associated with energy use.
- Increase awareness regarding energy conservation practices.
- Optimize utilization of renewable energy resources.
- Enhance institutional energy resilience and sustainability.

5. GUIDING PRINCIPLES

Energy management activities shall be guided by:



- Energy efficiency
- Resource conservation
- Continuous improvement
- Environmental responsibility
- Cost-effectiveness
- Accountability
- Innovation
- Sustainability integration

6. INSTITUTIONAL COMMITMENTS

6.1 Efficient Energy Use

GAUS shall:

- Minimize energy wastage in all facilities.
- Promote efficient use of lighting, cooling, heating, and equipment.
- Encourage energy-conscious operational practices.
- Integrate energy conservation into institutional planning.

6.2 Energy-Efficient Infrastructure

The University shall prioritize:

- LED lighting systems.
- Energy-efficient electrical appliances.
- High-efficiency HVAC systems.
- Energy-efficient laboratory equipment.
- Energy-conscious building design features.

6.3 Renewable Energy Integration

GAUS shall:

- Maximize utilization of renewable energy resources.
- Maintain and expand solar energy infrastructure.
- Reduce dependence on conventional energy sources.
- Monitor renewable energy generation and performance.

6.4 Behavioral Change and Awareness

The University shall promote:

- Energy conservation campaigns.
- Energy awareness programs.
- Responsible equipment usage.
- Student and staff participation in energy-saving initiatives.



7. ENERGY CONSERVATION MEASURES

Lighting Management

- Switch off lights when areas are unoccupied.
- Maximize use of natural daylight.
- Utilize LED lighting systems.
- Conduct routine lighting efficiency assessments.

Air Conditioning and Ventilation

- Operate HVAC systems efficiently.
- Maintain recommended temperature settings.
- Ensure regular maintenance of cooling equipment.
- Minimize unnecessary operation of air-conditioning systems.

Office Equipment and Electronics

- Switch off computers, printers, projectors, and equipment when not in use.
- Utilize energy-saving settings.
- Encourage procurement of energy-efficient devices.

Laboratory and Research Facilities

- Promote efficient use of scientific equipment.
- Schedule preventive maintenance.
- Reduce standby energy consumption.

Renewable Energy Utilization

- Prioritize utilization of on-campus solar energy generation.
- Continuously monitor energy production and consumption patterns.
- Integrate renewable energy considerations into future campus expansion.

8. ENERGY PERFORMANCE TARGETS (2026–2030)

Considering GAUS's transition toward a solar-powered campus, the University adopts the following institutional targets:

KPI	Baseline 2026	Target 2030
Renewable Energy Contribution	100% Campus Solar Integration	Maintain 100%
LED Lighting Coverage	>95%	Maintain 100%
Energy Awareness Programs	10+ annually	25+ annually
Energy Audits Conducted	1 annually	2 annually



Energy-Efficient Equipment Procurement	Institutional Practice	100% Compliance
Smart Energy Monitoring	Baseline Established	Campus-Wide Monitoring
Staff and Student Energy Campaign Participation	500+	1,500+ annually
Electricity Consumption Monitoring	Monthly	Real-Time Monitoring

9. RESPONSIBILITIES

- **Vice Chancellor**
 - Provide institutional leadership and strategic oversight.
- **Sustainability Steering Committee**
 - Review energy performance and conservation targets.
 - Monitor policy implementation.
- **Sustainability Coordination Committee**
 - Coordinate energy monitoring and reporting.
 - Conduct awareness activities.
 - Recommend energy-saving improvements.
- **Administration Department**
 - Ensure efficient operation of campus facilities.
 - Support implementation of conservation measures.
- **Department Heads**
 - Promote compliance within their departments.
 - Encourage responsible energy-use practices.
- **Students, Faculty and Staff**
 - Follow energy conservation guidelines.
 - Participate in energy-saving initiatives.
 - Report unnecessary energy wastage.

10. MONITORING AND REPORTING

GAUS shall:

- Monitor campus energy consumption regularly.
- Maintain records of electricity use and renewable energy generation.
- Conduct periodic energy reviews and assessments.
- Track performance against established KPIs.
- Publish energy performance information through annual sustainability reports.
- Utilize energy data to support continuous improvement initiatives.

11. CONTRIBUTION TO SUSTAINABLE DEVELOPMENT GOALS (SDGs)

This Policy directly contributes to:



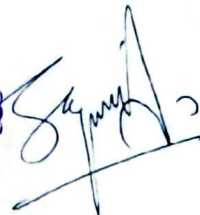
- SDG 7 – Affordable and Clean Energy
- SDG 9 – Industry, Innovation and Infrastructure
- SDG 11 – Sustainable Cities and Communities
- SDG 12 – Responsible Consumption and Production
- SDG 13 – Climate Action

12. REVIEW AND REVISION

This Policy shall be reviewed every three (03) years or earlier if required based on:

- Changes in energy regulations.
- Institutional sustainability objectives.
- Technological developments.
- Energy performance outcomes.
- Strategic planning requirements.

13. APPROVAL AUTHORITY

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