

Policy subject: University Building Energy Efficiency Policy	Policy number: 30/P.D/2024	Date of last revision: 2024/11/15
Implementing body: Administrative Affairs Department	Implementing start date: 2024/11/20	Policy reference: Planning and Development Department

1. Overview:

Palestine Ahliya University is committed to environmental sustainability and energy efficiency. This policy focuses on reducing energy consumption, minimizing the carbon footprint, and promoting sustainable energy solutions across campus buildings. It aims to improve building performance through energy-efficient design, operations, and practices, contributing to the University's sustainability goals and reducing operational costs.

2. Objectives:

- **Reduce Energy Consumption:** Implement measures to cut energy use with efficient technologies and practices.
- **Improve Building Performance:** Upgrade buildings to modern energy standards and integrate energy-saving measures in new designs.
- **Promote Sustainable Practices:** Cultivate energy conservation awareness among students, faculty, staff, and visitors.
- **Enhance Environmental Sustainability:** Minimize carbon emissions and environmental impact.
- **Lower Operational Costs:** Decrease energy expenses using energy-efficient technologies.
- **Support Innovation:** Encourage research in energy-efficient building technologies and solutions.

3. Scope:

This policy applies to:

- All campus buildings and energy-related operations, including heating, cooling, lighting, and electrical systems.
- Construction, renovation, and retrofitting projects aimed at improving energy performance.
- Behavioral practices to reduce energy consumption across campus.
- Use of energy-efficient technologies and equipment in campus operations.

4. Statements:

- **Commitment to Energy Efficiency:** The University is dedicated to improving energy efficiency and fostering a culture of sustainability.
- **Environmental Responsibility:** Energy efficiency is key to reducing the environmental footprint and combating climate change.
- **Energy-Efficient Design:** New and renovated buildings will integrate energy-efficient systems, sustainable materials, and innovative technologies.

- **Continuous Improvement:** The University will monitor energy performance, conduct audits, and implement best practices for improvement.
- **Stakeholder Engagement:** The University will involve the campus community in energy-saving initiatives and education.

5. Procedures:

1. Energy Audits and Assessments:

- Conduct regular energy audits and reviews of building performance.
- Identify energy inefficiencies and recommend improvements.
- Assess operational practices that contribute to energy waste.

2. Energy-Efficient Technologies and Infrastructure:

- Implement energy-efficient systems like LED lighting and high-efficiency HVAC.
- Explore renewable energy integration, including solar and wind energy.
- Retrofit older buildings to meet modern energy standards.
- Promote energy-efficient water heating systems.

3. Energy-Saving Operational Guidelines:

- Set temperature controls and encourage optimal settings for heating and cooling.
- Install motion sensor lighting and use energy-efficient bulbs.
- Encourage turning off non-essential equipment and using energy-efficient appliances.
- Adopt green building practices in new projects and renovations.

4. Educational Programs and Awareness:

- Organize awareness campaigns and workshops on energy efficiency.
- Engage the campus community through energy-saving challenges.
- Provide training for facilities management on the latest energy-efficient technologies.

5. Performance Monitoring and Reporting:

- Monitor energy usage across campus and track trends.
- Prepare annual reports on energy consumption, efficiency improvements, and cost savings.
- Implement a feedback mechanism for additional energy-saving suggestions from the campus community.

Key Performance Indicators (KPIs):

1.	Percentage of Buildings Compliant with Energy Standards
2.	Annual Energy Efficiency Improvement Rate