

Policy subject: Low Carbon Energy Use Policy	Policy number: 55/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

Overview:

Palestine Ahliya University (PAU) is committed to reducing its carbon footprint by transitioning to low-carbon energy sources. This policy outlines the steps the university will take to minimize energy consumption, reduce greenhouse gas emissions, and foster sustainability through the use of renewable and efficient energy technologies.

Scope:

This policy applies to all university operations, including academic and administrative buildings, student housing, transportation, and campus activities.

Objectives:

1. To reduce PAU's overall energy consumption and greenhouse gas emissions.
2. To transition to renewable and low-carbon energy sources wherever feasible.
3. To improve energy efficiency across all university operations.
4. To foster awareness and promote the adoption of low-carbon energy practices among staff, students, and stakeholders.

Statements:

- PAU will prioritize the use of renewable energy sources such as solar, wind, and other low-carbon technologies for its energy needs.
- The university will minimize its reliance on fossil fuels, and explore energy-efficient alternatives for heating, cooling, and transportation.
- Energy-saving practices will be implemented across all campus facilities, and energy-efficient technologies will be prioritized in new constructions and renovations.
- PAU will engage with external partners, including energy providers and local authorities, to support the adoption of low-carbon energy solutions.

Procedures:

1. **Renewable Energy Adoption:** PAU will invest in solar panels, wind energy, and other renewable technologies to supply electricity to campus facilities.
2. **Energy Efficiency Improvements:** The university will implement energy-efficient practices, such as LED lighting, energy-efficient appliances, and optimized heating and cooling systems.

3. **Sustainable Transportation:** PAU will promote the use of electric vehicles (EVs) and encourage the use of public transport, cycling, and carpooling among students and staff.
4. **Energy Consumption Monitoring:** Regular audits and monitoring will be conducted to assess energy consumption, identify areas for improvement, and ensure that energy-saving targets are met.
5. **Awareness and Training:** The university will offer training and awareness programs for staff and students on energy conservation practices and the importance of reducing carbon emissions.
6. **Collaboration and Partnerships:** PAU will collaborate with governmental bodies, energy providers, and sustainability organizations to stay updated on best practices and technologies for low-carbon energy use.

Key Performance Indicators (KPIs):

1.	Total energy used
2.	Total energy used from low-carbon sources