



The Hashemite University (HU)	
Policy Management System	
Energy Efficiency Policy	
Policy Code:	HU0701
Policy Name:	Policy for Ensuring all Renovations / new Buildings are Energy Efficiency Standards
Handler:	The Hashemite University President
Issuing Authority :	Renewable Energy Center
Approved by:	The Dean's Council based on the 2022 Sustainable Development Framework (Ref. 16/13/10/2202761)
Revision cycle:	(5-7) years

Policy Statement

Policy Title: Hashemite University Energy Efficiency Policy

Background and Justification

The Hashemite University (HU) was established in 1995 and is committed to sustainability and addressing climate change challenges. HU's commitment to energy efficiency for buildings is in alignment with the Jordan Building Codes (JBC), the Green Building Guide Manual, and the National Plan to Raise Energy Efficiency. This policy is an integral part of the broader Hashemite University Sustainability/Climate Action Policy for 2022-2026, ensuring that all renovation and new construction projects at HU contribute to sustainability goals.

Scope and Purpose

Scope: This policy applies to all renovation and new construction projects undertaken by or on behalf of Hashemite University. It covers all buildings and facilities, including but not limited to academic buildings, residential complexes, research centers, and recreational areas.

Purpose: The primary purpose of this policy is to:

- Ensure that all renovation and new construction projects at Hashemite University comply with the latest energy efficiency standards, as defined in the Jordan Building Codes (JBC) and the Green Building Guide Manual.
- Reduce energy consumption and greenhouse gas emissions to minimize the university's environmental footprint, consistent with the Hashemite University Sustainability/Climate Action Policy.

- Promote a culture of sustainability within the university community, aligning with the broader goals of the Hashemite University Sustainability/Climate Action Policy for 2022-2026.

Principles of the Policy

Energy Efficiency Standards: a. All renovation and new construction projects at Hashemite University must adhere to the latest energy efficiency standards and codes, particularly the Jordan Building Codes (JBC) and the Green Building Guide Manual, relevant to the Jordanian context. b. Design and construction shall be in compliance with the Jordan Building Codes (JBC), which provide specific guidelines for energy efficiency in building design and construction. c. Relevant international standards and certifications (e.g., LEED, BREEAM) shall be used as references to supplement the Jordan Building Codes where applicable.

Design and Construction: a. The university shall ensure that architects, engineers, and contractors responsible for renovation and new construction projects are informed of the energy efficiency standards set forth in the Jordan Building Codes (JBC) and the Green Building Guide Manual, in line with the Hashemite University Sustainability/Climate Action Policy for 2022-2026. b. Building designs should prioritize natural lighting, ventilation, and thermal insulation to reduce the need for artificial heating and cooling, in alignment with the broader sustainability goals. c. Use energy-efficient lighting systems, appliances, and HVAC equipment that meet or exceed energy efficiency standards, while contributing to climate action goals.

Monitoring and Compliance: a. A designated department or committee shall oversee and monitor the implementation of this policy, including adherence to the Jordan Building Codes and the Green Building Guide Manual. b. Regular energy audits and assessments of buildings will be conducted to ensure compliance with energy efficiency standards, and to support the objectives of the Hashemite University Sustainability/Climate Action Policy for 2022-2026. c. Non-compliance with this policy may result in corrective action, redesign, or

retrofitting of non-compliant structures, consistent with the Sustainability/Climate Action Policy.

Education and Outreach: a. The university will provide training and awareness programs to promote energy-efficient practices among students, staff, and contractors, in line with the sustainability and climate action objectives of the Hashemite University Sustainability/Climate Action Policy for 2022-2026. b. Educational materials and guidelines for energy-efficient living and working will be made available to the university community in accordance with the broader sustainability goals.

Reporting and Accountability: a. Annual reports on the energy efficiency performance of university buildings, in compliance with the Jordan Building Codes (JBC), the Green Building Guide Manual, and the Hashemite University Sustainability/Climate Action Policy, will be generated and made available to the public. b. The university leadership will be accountable for ensuring the successful implementation of this policy and support for the Hashemite University Sustainability/Climate Action Policy for 2022-2026.

Continuous Improvement: Hashemite University will continuously review and update this policy to reflect changes in energy efficiency standards, the Jordan Building Codes (JBC), and the Green Building Guide Manual, ensuring alignment with the overarching Sustainability/Climate Action Policy.

Definitions

- Jordan Building Codes (JBC): The national standards and guidelines for energy efficiency in building design and construction in Jordan.
- Green Building Guide Manual: A reference document outlining sustainable building practices.
- LEED: Leadership in Energy and Environmental Design, an international green building certification program.
- BREEAM: Building Research Establishment Environmental Assessment Method, a sustainability assessment method for buildings.

Responsibilities

- University leadership: Responsible for the overall implementation of the policy.
- Design and construction teams: Ensure compliance with energy efficiency standards.
- Department or committee: Monitor and oversee policy implementation.
- Students, staff, and contractors: Participate in energy-efficient practices and programs.

Procedures for Handling Policy Violations

Non-compliance with this policy may result in corrective action, redesign, or retrofitting of non-compliant structures, consistent with the Sustainability/Climate Action Policy. Violations will be addressed through established university procedures for policy enforcement, including initial warnings, mandatory reevaluation of non-compliant projects, and potential financial penalties for persistent non-compliance. Appeals can be made to the Energy Efficiency Compliance Committee for disputes regarding policy violations. The committee will investigate and make recommendations for resolution.