

Policy Title:	7.j Energy Efficiency in Renovations and New Construction Policy (EERNCP)		
Policy Number:	HS-PO-7J	Date Created:	15-09-2023
Responsible:	Chief Operating Officer	Approved by:	Board of Trustees

Purpose

This policy aims that all renovations and new construction projects at CUD adhere to recognized energy efficiency standards, contributing to the university's commitment to sustainability and environmental responsibility.

Scope

This policy applies to all renovation projects and new building constructions on the CUD.

Policy Statement

Adherence to Energy Efficiency Standards

All renovations and new constructions must comply with the relevant energy efficiency standards, including:

- Dubai Green Building Regulations and Specifications: Ensures energy-efficient design, construction, and operation.
- LEED (Leadership in Energy and Environmental Design) Certification: Encouraged for projects where applicable, aiming for a minimum of LEED Silver certification.
- ASHRAE Standards: Compliance with ASHRAE 90.1 for energy-efficient design of buildings.

Energy-Efficient Design and Construction

- Building Envelope: Ensure high-performance insulation, windows, and doors to minimize energy loss.
- HVAC Systems: Install energy-efficient heating, ventilation, and air conditioning systems that meet or exceed relevant standards.
- Lighting: Use energy-efficient lighting systems, including LED fixtures, and integrate natural lighting where possible.
- Water Heating: Employ energy-efficient water heating systems, such as solar water heaters or high-efficiency boilers.
- Sustainable Materials
- Prioritize the use of sustainable and locally sourced materials that reduce environmental impact and support energy efficiency.

Monitoring and Compliance

- Energy Audits: Conduct energy audits during and after construction to ensure compliance with the energy efficiency standards.
- Regular Inspections: Perform regular inspections throughout the construction process to verify that energy-efficient practices are being followed.
- Certification: Obtain necessary certifications or verifications to ensure the building meets or exceeds the specified energy efficiency standards.

Responsibilities

- Facilities Management: Responsible for ensuring that all construction and renovation projects comply with this policy and relevant energy efficiency standards.
- Project Managers: Ensure that all design and construction activities align with energy efficiency goals and standards.
- Procurement Office: Source materials and systems that meet energy efficiency requirements.

Policy Revision History

Version No.	Update Brief	Approved Date
V1.0	New policy	16-05-2025