Reviewed and updated at the meeting of
Scientific Council at Baku Eurasian
University on 25.06.2026

# POLICY ON STANDARDS FOR ENERGY EFFICIENCY

## Policy statement

Baku Eurasian University requires all new construction, renovation and refurbishment projects to comply with applicable national building regulations and energy efficiency standards, including the relevant requirements listed in this policy. Energy efficiency requirements shall be incorporated into project specifications and procurement documents. Compliance shall be verified before project approval and documented upon completion by the university unit responsible for facilities management.

These requirements apply to every project, regardless of its size or funding source. The technical requirements shall be proportionate to the work undertaken and shall cover all affected building elements and systems. No project shall be approved or accepted as complete until the applicable energy efficiency requirements have been addressed and verified.

BAAU is committed to continuous innovation in improving energy performance by adopting new technologies and digital monitoring tools. The university plans to establish an internal "Energy Performance Monitoring Unit" responsible for tracking real-time energy usage, analyzing efficiency data, and proposing optimization strategies. This initiative aims to ensure transparency, promote responsible energy consumption, and align university operations with the country's long-term sustainable development agenda.

Until such a unit is established, the university unit responsible for facilities management shall coordinate implementation and monitoring of this policy. Establishment of the proposed unit is not a prerequisite for compliance.

## Scope

This policy applies to all university departments, academic and administrative staff, and students involved in campus operations, and to architects, engineers, consultants, contractors and suppliers engaged in university building projects. It all new buildings, extensions, renovations, refurbishments and replacements of building systems under the university's control, including building maintenance, procurement and energy management.

## Purpose and technical requirements

The purpose of this policy is to ensure that all new builds and renovations meet applicable energy efficiency standards, reduce energy consumption and associated greenhouse gas emissions, and improve building performance. The following requirements shall be incorporated into projects where relevant to the scope of work:

Energy reviews and baseline evaluations: BAAU shall review building energy consumption annually and establish a baseline before major renovation projects. Project assessments shall identify relevant efficiency measures, expected energy savings and applicable standards. Formal energy audits shall be commissioned where required by law or justified by the project scope.

Retrofitting existing buildings: Renovation specifications shall require compliant insulation, energy-efficient windows and lighting for the elements being replaced or upgraded. Designs shall address heat loss, solar heat gain and air leakage, as applicable, and shall not reduce the energy performance of unaffected building elements.

Smart energy management systems: Lighting upgrades shall use energy-efficient lighting, such as LEDs, and appropriate occupancy sensors, timers or daylight controls. Controls shall maintain safe lighting levels and reduce unnecessary energy use when spaces are unoccupied.

Heating, cooling and ventilation: New or replacement systems shall be sized according to assessed building demand and comply with applicable efficiency requirements. Designs shall include appropriate temperature controls, insulation of relevant pipes and ducts, and commissioning to verify efficient operation while maintaining indoor air quality and occupant comfort.

Integration of renewable energy: The university shall assess the technical and financial feasibility of renewable energy options in new builds and major renovations and record the assessment in project documentation. Feasible options shall be considered alongside measures that reduce building energy demand.

Sustainable design and procurement: BAAU shall specify compliant construction materials and energy-efficient equipment, supported by relevant technical data, performance ratings and conformity documentation. Procurement decisions shall consider energy consumption, maintenance requirements and life-cycle costs as well as purchase price.

**Implementation and verification**

Design review: Before project approval, the unit responsible for facilities management shall review the project’s energy efficiency specifications with the designer or competent technical specialist. A project compliance checklist shall identify the applicable regulations and standards, relevant technical requirements, design evidence and responsible persons.

Contract requirements: Tender documents and contracts shall state the applicable energy efficiency requirements and require contractors to provide technical specifications and evidence of compliance. Proposed substitutions affecting energy performance shall be reviewed and approved before installation.

Construction and completion checks: The responsible university unit shall arrange inspections appropriate to the work, verify installed materials and equipment against approved specifications, and obtain relevant commissioning or test records. Non-compliant work shall be corrected and rechecked before final acceptance.

Records and follow-up: The university shall retain the compliance checklist, approved specifications, product documentation, inspection results, commissioning records and completion sign-off. Where

energy use can be measured, post-project consumption shall be compared with the baseline, taking account of occupancy, operating hours and weather, to identify corrective action.

**Applicable national regulations and standards**

Projects shall comply with the legally applicable editions of the following instruments and any relevant implementing technical standards. The responsible university unit shall verify their applicability and record the specific provisions used for each project. English titles below are descriptive translations; the official Azerbaijani texts prevail.

1) Minimum Energy Efficiency Standards for Buildings ("Binalar üçün minimum enerji effektivliyi Normaları"), approved by Cabinet of Ministers Decision No. 287 of 26 August 2023. These provide the national framework for building energy efficiency classification. https://e-qanun.az/framework/55025

2) Rules for checking the compliance of construction materials and products with standards. These shall be applied where relevant to materials and products used in the project. Reference supplied in the original policy: https://e-qanun.az/framework/29441

3) Rules on increasing the energy efficiency of construction facilities and conserving energy resources ("Tikinti obyektlərinin enerji səmərəliliyinin artırılması və enerji resurslarına qənaət edilməsi üzrə Qaydalar"), approved by Cabinet of Ministers Decision No. 73 of 11 March 2014. Reference for the May 2025 policy version: https://e-qanun.az/framework/27414

4) Law of the Republic of Azerbaijan on the Efficient Use of Energy Resources and Energy Efficiency, No. 359-VIQ of 9 July 2021.

Where an instrument is amended, replaced or repealed, the university shall apply the legally applicable successor requirements and update the project compliance checklist. No reference in this policy authorises the use of a superseded requirement.

**Review**

This policy shall be reviewed annually by the university unit responsible for facilities management and submitted to the Scientific Council for approval of any amendments. Earlier review shall be undertaken when relevant legislation or building standards change, or when monitoring identifies a need for corrective action. Until a new version is adopted, the existing policy shall remain in force, subject to applicable law.