UZBEKISTAN STATE WORLD LANGUAGES UNIVERSITY

Energy Efficiency Standards for Renovations and New Builds

SDG 7 Affordable and Clean Energy | Reporting year 2025

Uzbekistan State World Languages University applies a documented policy and governance framework to ensure that renovations and new builds meet energy efficiency standards. The framework combines the University's SDG 7 energy policy, its Environmental Impact Assessment Policy and the operational responsibilities of the Green Campus Council, applied against Uzbekistan's national legal requirements for energy efficiency in construction. Construction projects are reviewed by University leadership for compliance with technical requirements, engineering and utility design, fire safety and energy efficiency before they are accepted for use.

This is an active practice rather than a general commitment. During on-site reviews of the new student dormitory, the Rector inspected the building's engineering and utility systems, infrastructure, fire safety measures and energy efficiency, and reviewed compliance with modern construction standards; an earlier site review during construction covered engineering communications, internal infrastructure, energy efficiency and fire safety systems alongside compliance with technical and sanitary-hygienic standards. The University's renewable-energy installations separately support this framework: a 2,423-panel, 1,340 kW solar photovoltaic installation that generated an estimated 1,818,133 kWh in 2025, of which 953,600 kWh was used on site and 864,533 kWh was exported to the city grid (extrapolated from confirmed metered records for 1 January–1 October 2025); a 2-ton solar water heating system installed in mid-2023, saving approximately 45 million UZS in natural gas costs annually; and a solar energy storage system, the first among Uzbekistan's higher education institutions, providing up to two hours of uninterrupted power during outages.





On-site reviews of the new student dormitory under construction, August 2025

Relevant standards and requirements

Requirement or standard	How it is applied at UzSWLU
National legal framework	Law No. ЗРУ-940-сон of 7 August 2024, “On energy saving, its rational use and increasing energy efficiency,” requires heat-saving construction materials and alternative energy sources to be applied during the design, construction, reconstruction and repair of buildings (Articles 5, 9 and 25). A Cabinet of Ministers resolution in force from 1 November 2024 additionally assigns energy-efficiency categories (A–G) to buildings and structures over 200 m², backed by mandatory energy audits at least once every five years.
Environmental Impact Assessment	UzSWLU's Environmental Impact Assessment Policy applies to all new buildings, renovation projects and other campus development activities, in line with national environmental guidance and recognized international good practice.
Energy-efficient building systems	The University's implementation framework prioritizes energy-efficient lighting and LED modernization, efficient HVAC operation and automation, Smart Building Management Systems, energy monitoring and resource-efficient engineering solutions, coordinated by the Green Campus Council's Energy & Smart Building Unit.

Renewable-energy integration	Where technically suitable, projects and building upgrades support solar photovoltaic systems, solar water heating and energy storage as part of the University's clean-energy transition.
Governance and site monitoring	The Green Campus Council coordinates energy-efficiency actions across the University, and University leadership and facilities staff review construction projects on site for compliance with technical requirements, engineering and utility systems, fire safety and energy efficiency before buildings are accepted for use.

Official UzSWLU evidence and responsible units

- SDG 7 Affordable and Clean Energy — renewable-energy installations — https://uzswlu.uz/en/sdg-7-affordable-and-clean-energy
- UzSWLU SDG 7 Policy document — https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17309783380676.pdf
- UzSWLU Environmental Impact Assessment Policy — https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17310634578481.pdf
- The Green Campus Council — energy and smart-building governance — https://uzswlu.uz/en/the-green-campus-council
- Law No. ЗРУ-940-сон, 7 August 2024, “On energy saving, its rational use and increasing energy efficiency” — https://lex.uz/ru/docs/7052217
- Construction of the new student dormitory under constant supervision (2025) — https://uzswlu.uz/en/news/construction-of-the-new-student-dormitory-under-constant-supervision-1755190850
- UzSWLU SDG Policies — University policy repository — https://uzswlu.uz/en/sdg-policies

Conclusion

UzSWLU has a documented policy and governance framework to ensure that renovations and new builds address energy efficiency, applied against Uzbekistan's national legal requirements for energy saving and building energy-efficiency categories. The framework is supported by environmental impact assessment, Green Campus Council oversight and project-level construction monitoring, and the University demonstrates implementation through solar generation, solar water heating and energy-efficiency measures in new facilities.