

## SDG 7 – Affordable and Clean Energy

Sumgayit State University is committed to improving energy efficiency and promoting responsible energy use across its campus. The university supports sustainable energy practices through infrastructure management, awareness initiatives, and gradual improvements in energy performance.

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### Key Results (2025)

- **Total energy consumption:** 63636.7 kWh per year
  - **Energy from renewable sources:** 0.7%
  - **Renewable energy installations on campus (solar, wind):** 1
  - **Energy awareness programs/campaigns:** 9
  - **Publications on energy sustainability:** 15
  - **Courses related to renewable energy/energy management:** 10
  - **Student research projects related to energy efficiency:** 73
  - **Partnerships with energy companies or research institutions:** 5
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### Programs and Services

#### ● **Energy Management and Infrastructure**

SSU manages energy consumption across campus facilities, ensuring reliable and efficient energy supply for academic and administrative activities.

#### ● **Energy Efficiency Measures**

The university implements measures to improve energy efficiency, including maintenance of systems, optimization of usage, and infrastructure improvements where possible.

#### ● **Awareness and Responsible Use**

Energy-saving practices are encouraged among students and staff to promote responsible consumption and reduce overall energy demand.

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### Community Engagement and Impact

Through its efforts in energy management and efficiency, SSU contributes to reducing environmental impact and promoting sustainable resource use within the university community.

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### Institutional Support

- Facilities and infrastructure management
  - Technical maintenance services
  - Administrative oversight of energy systems
  - Integration with broader sustainability initiatives
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### Future Priorities

- Improve monitoring and reporting of energy consumption
  - Increase energy efficiency across campus facilities
  - Explore renewable energy opportunities
  - Strengthen awareness of energy-saving practices
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### Evidence and Reporting

This page is based on institutional data collected for the 2025 reporting period and supports Sumgayit State University's Sustainability Reporting aligned with the Sustainable Development Goals (SDGs).