



**BAKU
ENGINEERING
UNIVERSITY**

**BAKU ENGINEERING UNIVERSITY
POLICY ON SUSTAINABLE
DEVELOPMENT
GOAL 7: AFFORDABLE AND
CLEAN ENERGY**

1. POLICY STATEMENT

Baku Engineering University (BEU) is committed to contributing to the realization of Sustainable Development Goal 7: "Ensure access to affordable, reliable, sustainable and modern energy for all." This policy outlines BEU's strategy to promote clean energy research, education, innovation, and energy efficiency across its campus operations and wider community engagement. It aligns with national priorities outlined in Azerbaijan's development strategies and reflects the university's role in fostering sustainable technological development.

2. STRATEGIC ALIGNMENT

2.1 National Strategies and Plans

- Azerbaijan 2030: National Priorities for Socio-Economic Development identifies a "clean environment and green growth" as one of the top five strategic directions, emphasizing energy efficiency and sustainable use of natural resources.
- State Program on the Use of Renewable Energy Sources (2021–2025) promotes the expansion of solar, wind, and other renewable energy sources and encourages research in this area.
- Law on the Use of Renewable Energy Sources in Electricity Generation (2021) fosters scientific collaboration and innovation in clean energy.

2.2 BEU Strategic Goals

- Promote applied research and innovation aligned with national development.
- Integrate sustainability into curricula across faculties.
- Reduce carbon footprint and increase energy efficiency in university operations.

3. OBJECTIVES

BEU's Affordable and Clean Energy Policy aims to:

- Encourage research in renewable energy technologies.
- Improve energy efficiency in university buildings and infrastructure.
- Integrate energy sustainability into engineering and science curricula.
- Promote student and faculty engagement in clean energy initiatives.
- Strengthen partnerships with industry and government in the energy sector.

4. KEY ACTIONS

4.1 Education and Curriculum

- Develop and expand academic programs in sustainable energy systems, including solar and wind energy technologies.
- Integrate energy efficiency topics in core engineering courses.
- Support interdisciplinary capstone projects and theses focused on clean energy.

4.2 Research and Innovation

- Establish a Clean Energy Research Lab within the Faculty of Engineering.
- Support faculty-led research projects funded by national and international grants.
- Collaborate with the Ministry of Energy, State Agency on Renewable Energy Sources, and private sector on joint research and pilot projects.

4.3 Campus Sustainability

- Conduct regular energy audits across all university facilities.
- Invest in solar panels and smart energy management systems on campus.
- Encourage behavioral change through awareness campaigns and energy-saving competitions.

4.4 Community and Industry Engagement

- Organize public lectures, seminars, and workshops on renewable energy.
- Facilitate internships and job placements in the clean energy sector.
- Host national and international conferences on sustainable energy.

5. MONITORING AND EVALUATION

The implementation of this policy will be monitored annually by the Office of Sustainability and the Scientific Research Department. Key performance indicators (KPIs) will include:

- Number of research publications and grants related to clean energy.
- Reduction in energy consumption per square meter.
- Number of courses/modules developed on clean energy.
- Renewable energy share in campus energy use.

6. REFERENCES

1. Azerbaijan 2030: National Priorities for Socio-Economic Development
<https://president.az/articles/50474>
2. State Program on the Use of Renewable Energy Sources in Azerbaijan (2021–2025)
Ministry of Energy of the Republic of Azerbaijan
<https://minenergy.gov.az/>
3. Law on the Use of Renewable Energy Sources in Electricity Generation (2021)
<https://e-qanun.az/framework/47079>
4. Strategic Development Plan of Baku Engineering University (2022–2026)
[Internal Document – Available upon request]

Let me know if you'd like this formatted as a printable document or translated into Azerbaijani. Would you also like help drafting the policies for SDGs 8 to 17 next?

