



University : UzSWLU
Country : Uzbekistan
Web Address : <https://www.uzswlu.uz/en>

[2] Energy and Climate Change (EC)

Energy-saving lamps and systems can reduce energy consumption at the university, which leads to resource savings and lower energy costs. This is especially important for educational institutions where energy consumption can be significant due to the large number of rooms and equipment.

The use of energy-saving lamps and systems also contributes to improving the environmental situation, since it reduces carbon dioxide emissions into the atmosphere. In addition, such technologies can increase the level of comfort in the university premises, providing more efficient lighting.

In general, the introduction of energy-saving technologies in universities is an important step towards sustainable development and conservation of natural resources.

[2.1] Energy Efficient Appliances Usage



Example of Energy Efficient Appliances Usage: Use of LED lighting and lamps with light detection
(UzSWLU)



Example of Energy Efficient Appliances Usage: Solar absorption Air Conditioning system (UzSWLU)

Description:

As part of the work on equipping all rooms with energy-saving systems, the following activities were carried out:

- analysis of the current state of lighting and energy consumption systems at the university;
- choosing the best solutions for the modernization of lighting systems;
- purchase of necessary equipment (energy-saving lamps, motion sensors, etc.);
- installation and commissioning of equipment;
- staff training to work with new systems.

As a result of the work carried out, the university was able to significantly reduce electricity consumption and costs, as well as increase the level of comfort and safety in the premises.

Example:

Appliance	Total Number	Total number energy Efficient appliances	Percentage
LED Lamp	750,000	550,000	74%
Fan	350	175	50%
		Average Percentage	65%



Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):