

Energy Policy in the University of Baghdad

The University of Baghdad adopts a policy of rationalizing the use of electric energy to address energy issues represented by its sources, distribution and use. The energy policy includes instructions and guidelines for preserving it and rationalizing its consumption. Energy is an essential and crucial element in the business conduct of the university. With regard to energy policy, the importance of adopting an environmental energy policy at the global level to address global warming and climate change issues should be emphasized.

Among the measures adopted by the University of Baghdad for the purpose of rationalizing the consumption of electrical energy are the following:-

- 1.** Promoting guidance through posters, media and education for the purpose of rationalizing energy consumption, and raising students and associates' awareness, and holding workshops to train them.
- 2.** Conducting continuous follow-ups by specialists for the purpose of ensuring the safety and maintenance of electrical power transmission connections.
- 3.** Urging the provision of smart tractor control systems for better controlling air conditioning equipment according to the university's needs.
- 4.** Urging the use of lighting switches equipped with a timer or motion sensitive, with part of it being turned off at peaks.
- 5.** Using high-efficiency devices, such as cables equipped with variable speeds, as well as refrigerators.
- 6.** Guiding towards reducing the use of air-conditioning devices by studying the re-operation of the central air-conditioning of the university, especially the data previously equipped with central air-conditioning. This is because the central air-conditioning helps to reduce electrical energy consumption and preserve the environment.
- 7.** Guiding and urging the use of renewable energy, such as solar energy with the installation of solar energy stations on top of university buildings to increase the percentage of solar energy participation as a clean and sustainable energy source.
- 8.** Saving energy in the buildings that will be implemented later and converting the old buildings to match the standards of energy conservation.
- 9.** Directing affiliates to replace all high energy consumption lamps with energy saving lamps.
- 10.** Urging and directing the affiliates to operate the air conditioners at a temperature of 25-27 C° in summer and 18-20 C° in winter.
- 11.** Urging an increase in energy sources by making use of wind and water to generate electric power.
- 12.** Developing and implementing a plan for the use of environmentally friendly modes of transport.
- 13.** Developing a roadmap to reduce carbon emissions.