

DESCRIPTION OF THE EDUCATIONAL-PROFESSIONAL PROGRAM

Field of Knowledge 14 "Electrical Engineering"

Specialty 144 "Thermal Power Engineering"

Educational Program "Energy Management"

Second (Master's) level of higher education

Educational Qualification "Master of Thermal Power Engineering"

Form of Study: Full-time/Part-time

Accreditation Status: Not accredited.

The Educational Program "Energy Management" of the second (Master's) level of higher education in the specialty 144 "Thermal Power Engineering" is aimed at the formation and development of in-depth theoretical knowledge of the applicants on the research and development of energy-saving measures, based on conducting energy audits and energy surveys to identify energy-saving reserves and the implementation of modern energy-efficient technologies, as well as practical skills in the field of energy management.

The purpose of the educational program is to train a highly qualified, competitive specialist capable of solving complex specialized tasks and practical problems in the thermal power engineering industry and in the field of energy management, which involves conducting research and/or implementing innovations and is characterized by uncertainty of conditions and requirements.

Objectives of the Educational Program:

- Deepening theoretical knowledge in the field of thermal power engineering, namely in the field of energy management, energy auditing, energy conservation, energy-efficient technologies and equipment;
- Development of skills in conducting research on improving energy efficiency;
- Formation of skills to develop and implement energy management programs in accordance with international standards;
- Development of strategic planning and energy management skills in enterprises and organizations;
- Study of modern software for monitoring and optimizing energy consumption;
- Familiarization with the latest achievements in the field of energy conservation and renewable energy sources.