**Abstract of the programme**

**13.03.02 Electric Power Engineering and Electrical Technology**

1. **Area of training**: 13.03.02 Electric Power Engineering and Electrical Technology. Training profile: “Power Supply”.

2. **Summary of the programme**:

- Objective of the programme: training of bachelors in the field of electric power engineering;

- Training course duration: 4 years of full-time education, 5 years of part-time education.

- Basic Department: “Electrification of industrial enterprises”.

3. **Characteristic of graduates’ professional activity field and objects**:

- the field of professional activity: the system of engineering tools, techniques of human activity for production, power transmission, distribution, transformation, power application, power management, facilities engineering and development for these processes.

- the objects of the graduates’ professional activity with profile training “Power Supply”: power supply systems of objects of equipment and branches of economy.

4. **Target Programmes**:

- programme of innovative development of Rosatom State Corporation;

- national technological base.

5. **Summary of the curriculum**: the main educational program of bachelors provides for studying of the following educational cycles (modules):

- humanitarian, social, economic;

- mathematical and scientific;

- professional.

Main basic disciplines: mathematics, physics, theoretical bases of electrical technology.

Main special disciplines: electrical machines, power plants and substations, electric systems and networks, transition processes in electrical power systems, relay protection and automatic equipment of electrical power systems, power supply.

6. **Practical training**: educational practice on the COMPUTER (the 4th semester, 4 weeks and 4 days, 7 credits ; technological practice (6th semester, 5 weeks and 2 days, 8credits); pre-graduation practice (8th semester, 6 weeks, 9 credits).

The basic enterprises are

- Federal State Unitary Enterprise “Production Association “Mayak” (Rosatom State Corporation);

- USDI “Heat-exchange technologies” Industrial company;

- Open Joint Stock Company “Energoprom”.