

## **Annotation**

The purpose of this thesis is to develop a project for upgrading feed pumps for 500 MW units of Ekibastuz State district electric power station. In the course of work, a description of the State district electric power station equipment and 500 MW units, a description of existing pumps and their problems in operation will be presented. Description of the development of the feed pump reconstruction project.

In the economic part, we will determine the time of return on investment invested in the reconstruction of the feed pump.

When calculating the flow part, we determine the diameter of the flow part.

