

Annotation

The thesis deals with the issues of improving the technical and economic indicators of Almaty TPP-2 by optimizing the pressure in the condenser.

In the course of work, the main installations were selected and calculations were made: heat load, heat energy and steam consumption for the own needs of thermal power plants (CHP). The main task of the project is to analyze the influence of steam pressure in the condenser on the turbine power.

The section "life Safety" provides technical solutions for the analysis of thermal power plants and ventilation.

In the economics department, based on the initial data of the CHP, we perform the necessary feasibility studies for the project.