

Annotation

In this thesis project, the construction of Thermal power station in Balkhash town is considered

In this work the calculation of the thermal scheme of Thermal power station on 230 MW, as well as the choice of main and auxiliary equipment is made, the scheme of the main electric connections of the station is drawn up and calculation of the short-circuit currents in the station's electrical circuit has been calculated.

And also a choice of main and auxiliary equipment is made, the business plan and the ecological passport of the enterprise has been developed.

The system of regulation and protection of PT-80/100-130/13, control and removal of characteristics is considered, calculation of the automatic machine of safety of efferent type is carried out.