

Annotation

In this diploma project modernisation of turbine of PT 80/100-130/13 was produced enterprise of AES TPS- 2, taking into account their heating of hairpins.

The thermal calculation of turbine with a productive selection and calculation of fundamental thermal chart of the station are produced. In a head safety of vital functions the question of electric safety of turbine workshop is considered, the calculations of the system of grounding of ancillaries are conducted.

The prime price of vacation of thermal and electric energy was calculated in economic part.