

## Annotation

In the thesis project offers Expansion of ATPS-2 with setting of turbine of T- 100-130 by the calculation of thermal chart. Basic part consists of: grounds of project of expansion and thermal calculation of PTS of turbine of T-100-130 . In a head safety of vital functions the analysis of the state of fire safety and ventilation of turbine workshop is produced . In economic part a calculated primeprice of vacation of electric and thermal energy is from TPS.