

Annotation

In this thesis project addresses the issue of reconstruction of cooling towers at AIES TPP-3. The fan cooling towers installed at the station are described and the electrical power after reconstruction has been calculated, and the station performance has been calculated. The calculation of thermal circuits of the turbines K-50-90 and T-41-90, 4 modes of thermal load. The main and auxiliary equipment of the CHP are selected. In the economic part, the cost of electricity and heat supply is calculated. The fan cooling towers installed at the station are described, the electrical power after reconstruction has been calculated, and the station performance has been calculated.