

Annotation

The diploma project deals with the modernization of the CHPP in Aktobe. Ring R-22-90/31 PT-30/35-3,0/1,0 at CHPP-1, as well as at CHPP-2. Therefore, it is planned to update the winch installation, which provides a way to create an effective and fast project. Based on this project, increasing the efficiency of the thermal power plant. The purpose of the thesis is to achieve an effective result in comparison with the indicators before the modernization of economic calculations of thermal power plants after modernization. Calculation of heat schemes of Aktobe thermal power plants after modernization in the comment sheets on the diplot project, PT-30/35-3,0-1,0 questions on calculation of turbine regeneration, as well as on sections of economic and life safety are considered.