

Annotation

The diploma project presented the work of the Semipalatinsk Heat and Power Center. Replacement of the boiler PTVM-50 boiler KVTK-150-100. In the process of replacing the calculated thermal load HPC. The importance of replacement is to reduce the city's heating deficit and increase efficiency.

Also presented are schemes of the main plan of CHP, heat scheme, cross-section of the boiler.

The work consists of 5 sections: introduction, main part, special part, economic part, part of safety and life.