

Annotation

On the basis of the mathematical model, a program has been developed for calculating the process of burning ekibastuz coal in a boiler BBP-160-100F (БКЗ-160-100Ф) furnace in the MS Excel.

The features and defining parameters of the burning process of coal particles were identified and analyzed.

An assessment is made of the impact of emissions of pollutants from AIEN TPP-3 on the environment when using ekibastuz coal.

The cost of thermal and electric power station was calculated.