

Annotation

In this thesis work addressed issues of complex electrification LLP "Arman" city Taldykurgan with the modernization of power supply circuits.

This is a calculation of electrical loads, select the number and capacity of power transformers, power scheme is selected. Accepted feed economic current density and grade of the cable inside the housing.

Also, the short-circuit currents are calculated, selected electrical voltage of 10 kV and 0.4 kV, checked for stability.

In the economic part of the course work are two versions of power supply, calculates the best option.