

## **Annotation**

This thesis work has been done on providing electricity of Taraz electricity center. In this thesis work are listed and calculated 110, 35, 10.5 kWh. Short bridge the current APV, tires and insulation generator distributed device, the load in the form of 6 kWh for their own needs, briefly bridge the current network of 6 kWh voltage, electric devices for APV of 110 kWh.

The health and safety department analyzed the harmful remnants of the atmosphere, sanitary protection and fire prevention measures into account.

The economic department of the final work calculated techno-economic efficiency of heat and power center.