

Annotation

The topic of my project is "Improving the efficiency of the telecommunications network at electric power enterprises". The paper considers the Smart Grid technology, this technology is widely used for the "Smart City" project. The metering devices will be connected to the base station using NB-IoT technology, which will be used on the LTE networks of the city of Kyzylorda. The selection of receiving and transmitting equipment, antennas and electrical energy metering devices was made. The number of base stations and the coverage area is calculated. The economic efficiency of the project is analyzed.