MANAGEMENT OF MODES OF DISTRIBUTIVE ELECTRIC NETWORKS OF CITIES UNDER CONDITIONS OF WEAK CORRELATION OF GRAPHICS OF ACTIVE AND REACTIVE POWER

Abstract

Settlement and experimental studies of the use of filter-compensating devices for use in lighting electrical networks and phase-switched booster transformers for controlling the flows of active and reactive powers are presented. The analysis of component capacities in the conditions of non-linearity of the characteristics of their consumers and low correlation of voltage and reactive power in urban distribution networks is carried out. References 9, figures 5.

Key words: phase-switched booster transformers, filter-compensating devices, reactive power, urban distribution networks, control, mode.
References