

LABORATORY EXPERIMENTS “METHOD OF CONSUMED ELECTRICITY ACCOUNT AND ITS PREVENTION OF THEFT”

At present, the issues of energy efficiency in all sectors of the economy of Ukraine are more than ever. This is due largely to a significant energy shortage in the industry and utilities. Level of technical losses of electrical networks in normal exploitation does not exceed 5%, but a significant portion of the losses are so-called "commercial" loss of power caused by the underestimation of energy supplied to consumers.

The main theoretical propositions about the process of building accounting systems of electricity consumed are presented in the article. Issues of formation of practical skills to connect metering of electricity consumed in the require-neurial network; formation of practical skills accounting consumed energy counters of different design and operation of a variety of wired networks consumer; formation of skills analysis staff and freelance modes of metering and control of consumed electricity; Formation of abilities detect possible schemes of theft of electricity in consumer networks considered in the article. The methodology of the laboratory work aimed at developing practical skills to identify the causes of abnormal operation of accounting systems designed consumed electricity.

Possible strategies to incorporate counters in various designs multiple consumer network were modeled based on physical principles of operation of funds and accounting systems of electricity consumed. Values can be intentionally created errors electricity metering, which will continue to evaluate the relevant economic loss determined in field trials. Created laboratory bench has industrial workmanship.

Keywords: *accounting, energy consumption, scheme, laboratory work, the formation of skills.*