

Kovalenko P. Y., Berdin A. S.

Identification of equivalent circuit parameters of two adjacent power lines.

An algorithm for equivalent circuit parameters identification based on phasor measurements previously tested and proved to derive proper (correct) results is now applied to adjacent power lines.

Key-words: equivalent circuit parameters, phasor measurements, measurement errors, adjacent lines.

Berdin Alexander Sergeevich, PhD. tech., Professor, Senior Researcher of the Department of Electric Power Systems of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: berdin@nipt-ems.ru

Kovalenko Pavel Yuryevich, Engineer of the Department of Electric Power Systems of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: kovalenko@nipt-ems.ru