

Berdin A. S., Bliznyuk D. I., Romanov I. B.

Estimation of resultant load characteristics for transients' studies.

Approach to estimation of resultant load characteristics for groups of power consumers is submitted. The characteristics are estimated using information about system state obtained during contingencies in the power system.

Key words: load, load characteristic, wide area measurement system, transient.

Berdin Alexander Sergeevich, Dr. Sc., Professor, Scientific and Technical Center of Unified Power System (STC UPS), Ekaterinburg.

E-mail: berdin@nipt-ems.ru

Bliznyuk Dmitriy Igorevich, Scientific and Technical Center of Unified Power System (STC UPS), Ekaterinburg.

E-mail: bliznyuk@nipt-ems.ru

Romanov Ilya Borisovich, Scientific and Technical Center of Unified Power System (STC UPS), St. Petersburg.

E-mail: romanov_ib@ntcees.ru