Centralized emergency control system based on the new generation algorithms – next stage of power systems emergency control development.

Koshcheev L. A., Shulginov N. G.

Power System (SO UPS). E-mail: ntc@ntcees.ru

The process of formation and development of centralized emergency control system in UPS of Russia and its important role in a complex emergency control system is presented.

Koshcheev Lev Ananyevich, Dr. Sc., Professor, Deputy General Director - Scientific Director of the Scientific and Technical Center of Unified Power System (STC UPS). E-mail: ntc@ntcees.ru

Shulginov Nikolay Grigoryevich, PhD. tech., First Deputy Chairman of the System Operator of the United

Key-words: centralized emergency control system, power system, power flow stability, control action..