Lisitsyn A. A., Edlin M. A.

Algorithm of control actions' choosing based of a transient stability criteria.

The brief description of the algorithm of control actions' choosing according to the transient stability criteria is given. This algorithm is developed for the centralized emergency control system of a new generation. The mathematical models scientific and technical solutions, on which algorithm is based on, are described.

Key-words: power system, emergency, algorithm, control action, mathematical model, transient, transient stability, emergency control.

Lisitsyn Andrey Andreevich, Deputy General Director – Director of the Department Emergency Automation Systems, Control and Relay Protection of the Scientific and Technical Center of Unified Power System (STC UPS).
E-mail: lisitsyn_a@ntcees.ru

Edlin Mikhail Aronovich, PhD. tech.
E-mail:edlin@sknt.ru