

Gaidamakin F. N., Kislovsky A. A., Teplouhov R. P., Edlin M. A.

Identifying the Source of Low frequency oscillations in United Power System of Russia.

Describes program and technical solutions, which have been used during the development of «NCHKolebaniya» software, developed for oscillations expansion analysis and identifying their source of low frequency oscillations in power system.

Key-words: electromechanical oscillations, active power of oscillations.

Gaidamakin Feodor Nikolaevich, Leading Analyst of the Department Emergency Automation of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: gfn@alteropower.ru

Kislovsky Anton Alexandrovich, Leading Developer of the Department Emergency Automation of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: kaa@alteropower.ru

Teplouhov Roman Pavlovich, Business Analyst of the Department Emergency Automation of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: trp@alteropower.ru

Edlin Mikhail Aronovich, PhD. tech., Leading Researcher of the Department Emergency Automation of the Scientific and Technical Center of Unified Power System (STC UPS).

E-mail: m_edlin@mail.ru