

Efimova E. V., Korobkov A. V., Smirnov A. N., Shlaifshtein V. A.

Actual problems of development of domestic wind and solar generation taking into account world experience of its application.

The brief review of development of wind and solar power generation abroad is given. The problems of formation of national systems of wind and solar generation are discussed. For the widespread introduction of these types of generation in the UPS of Russia it is necessary to decide the large range of technical problems.

Key words: wind and solar generation, international experience, implementation in the UPS of Russia, technical problems.

Efimova Elena Vladimirovna, Scientific and Technical Center of Unified Power System (STC UPS), St. Petersburg.

E-mail: efimova_e@ntcees.ru

Korobkov Andrey Viktorovich, Scientific and Technical Center of Unified Power System (STC UPS), St. Petersburg.

E-mail: korobkov_a@ntcees.ru

Smirnov Andrey Nikolaevich, PhD. tech., Scientific and Technical Center of Unified Power System (STC UPS), St. Petersburg.

E-mail: smirnov_a@ntcees.ru

Shlaifshtein Vladimir Aronovich, PhD. tech., Docent, Scientific and Technical Center of Unified Power System (STC UPS), St. Petersburg.

E-mail: shlaifshtein_v@ntcees.ru