Perspective power system models development software. *Mashalov E. V., Mikhaylenko A. F., Neuymin V. G., Snegirev D. A.*

In this paper the basic requirements for the development of perspective power system models (PPSM) are considered. The proposed PPSM generation algorithm description is presented: the commands and transactions system, consumption spread techniques.

Key words: power systems development planning, perspective power system models, command and transaction systems for power system model changes, consumption spread algorithm, software.