

Expediency of adjusting the requirements for reliability under the terms of the stability of electric power systems (Response to the paper by L. A. Koshcheev «On the reliability requirements in terms of energy system stability», STC of Unified Power System Proceedings, No. 2 (79), 2018).

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This paper discusses some obvious arguments (substantiated by L.A. Koshcheev) in favor of adjusting the reliability requirements in terms of power system stability. Attention is drawn to the shortcomings of standardizing transfer capability margins of tie lines in normal and post-emergency conditions. The rationales for considering heavy-load emergency disturbances in determining transient stability of an electric power system are provided.

Keywords: electric power system, reliability, transient stability, cascade emergency development.