

## **Using the RastrWin3 PC-based technology for calculating the maximum allowable power flows.**

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The paper examines the key features of the algorithm for automatic available power transfer capability analysis for a given initial conditions implemented in the RastrWin3 software package. Results of this module application in the Unified Power System of Russia for the stability margin monitoring system and short term power system operation planning are also provided.

*Key words: power transfer capability, stability margins monitoring system, short term power system operation planning.*