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THE MANEUVER-NEW SYSTEM'S USE FOR PROBLEMS SOLVING OF THE OPTIMAL LOADING OF THE THERMAL POWER PLANTS' UNITS

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Abstract

Functionality features of the web-based system Maneuver-New that is designed for solving integer-valued, linear, and nonlinear programming problems, and its using for finding the optimal load of power units of thermal power plants are described. The results of comparison of

the obtained solution of the test task with the solution published abroad are presented. These results testify to the advantages of the developed Maneuver-New system. References 8, figures 2, tables 2.

Key words: thermal power plants units' optimal loading, ED- and UC-problems, NEOS-server, r algorithm.

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