Universal model for optimization of short-term operation modes of hydroelectric power plants.

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Determining the optimal mode of operation of a hydroelectric power plant for a short-term period (day) may include a large number of different variables and constraints, and various target functions can also be used, depending on the task to be solved. This paper presents generalizations of the results of the development of several different models in the form of a universal model that can be used to build private models used to solve specific problems of planning the operation of hydroelectric power plants.