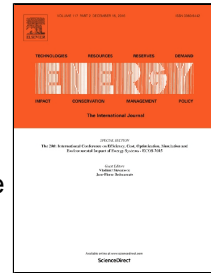


# Accepted Manuscript

Evaluating the effectiveness of mixed-integer linear programming for day-ahead hydro-thermal self-scheduling considering price uncertainty and forced outage rate



Ali Esmaeily, Abdollah Ahmadi, Fatima Raeisi, Mohammad Reza Ahmadi, Ali Esmaeel Nezhad, Mohammadreza Janghorbani

PII: S0360-5442(17)30089-0  
DOI: 10.1016/j.energy.2017.01.089  
Reference: EGY 10224  
To appear in: *Energy*  
Received Date: 09 March 2016  
Revised Date: 02 January 2017  
Accepted Date: 17 January 2017

Please cite this article as: Ali Esmaeily, Abdollah Ahmadi, Fatima Raeisi, Mohammad Reza Ahmadi, Ali Esmaeel Nezhad, Mohammadreza Janghorbani, Evaluating the effectiveness of mixed-integer linear programming for day-ahead hydro-thermal self-scheduling considering price uncertainty and forced outage rate, *Energy* (2017), doi: 10.1016/j.energy.2017.01.089

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- a) Characterizing the uncertainties of price and FOR of units
- b) Replacing the fixed ramping rate constraints with the dynamic ones
- c) Proposing linearized model for the valve-point effects of thermal units
- d) Taking into consideration the multi-POZs relating to the thermal units
- e) Taking into consideration the multi-performance curves of hydroelectric units

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