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Dynamic availability of energy storage in district heating networks for automatic generation control of a CHP plant

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#	Paper	IF	Citations
14	Compensation Design of Coordinated Control System for Supercritical Once-Through CHP Plants Based on Energy Analysis. <i>IEEE Access</i> , <b>2021</b> , 9, 76965-76975	3.5	
13	Performance analysis and capacity optimization of a solar aided coal-fired combined heat and power system. <i>Energy</i> , <b>2022</b> , 239, 122141	7.9	4
12	An improved genetic algorithm for determining the optimal operation strategy of thermal energy storage tank in combined heat and power units. <i>Journal of Energy Storage</i> , <b>2021</b> , 43, 103313	7.8	4
11	On the use of advanced nuclear cogeneration plant integrated into latent heat storage for district heating. <i>Sustainable Energy Technologies and Assessments</i> , <b>2022</b> , 50, 101838	4.7	
10	Nonlinear Model Predictive Control of USC Boiler-Turbine Power Units in Flexible Operations Via Input Convex Neural Network. <i>SSRN Electronic Journal</i> ,	1	
9	Integrated optimization of process control and its effect on structural integrity A systematic review. <i>Engineering Failure Analysis</i> , <b>2022</b> , 106101	3.2	
8	Nonlinear model predictive control of USC boiler-turbine power units in flexible operations via input convex neural network. <i>Energy</i> , <b>2022</b> , 255, 124486	7.9	0
7	Analysis of an ultra-low temperature district heating and cooling as a storage system for renewable integration. <b>2022</b> , 216, 119052		0
6	An agent-based model to support the preliminary design and operation of heating and power grids with cogeneration units and photovoltaic panels in densely populated areas. <b>2022</b> , 261, 125317		0
5	Flexibility improvement and stochastic multi-scenario hybrid optimization for an integrated energy system with high-proportion renewable energy. <b>2023</b> , 263, 125779		2
4	A new power flow model for combined heat and electricity analysis in an integrated energy system. <b>2023</b> , 219, 119597		0
3	Comparative study for four technologies on flexibility improvement and renewable energy accommodation of combined heat and power system. <b>2022</b> , 126056		0
2	Power-Heat Conversion Coordinated Control of Combined-Cycle Gas Turbine with Thermal Energy Storage in District Heating Network. <b>2022</b> , 119664		0
1	Dynamic flexibility optimization of integrated energy system based on two-timescale model predictive control. <b>2023</b> , 127501		0