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Multi-objective operation of distributed generations and thermal blocks in microgrids based on energy management system

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IET Generation, Transmission and Distribution, 2021, 15, 1451-1462.

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#	Paper	IF	Citations
18	A Review on Thermal Energy Modelling for Optimal Microgrids Management. <i>Thermo</i> , 2021 , 1, 63-76		1
17	Coordinated operation and expansion planning for multiple microgrids and active distribution networks under uncertainties. <i>Applied Energy</i> , 2021 , 297, 117108	10.7	5
16	Hybrid planning of distributed generation and distribution automation to improve reliability and operation indices. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 135, 107540	5.1	3
15	Optimal placement and sizing of the virtual power plant constrained to flexible-renewable energy proving in the smart distribution network. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 49, 101688	4.7	1
14	Stochastic multi-objective optimal energy management of grid-connected unbalanced microgrids with renewable energy generation and plug-in electric vehicles. <i>Energy</i> , 2022 , 241, 122884	7.9	4
13	Balancing accuracy and complexity in optimisation models of distributed energy systems and microgrids with optimal power flow: A review. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102066	4.7	0
12	Active and Reactive Power Management in the Smart Distribution Network Enriched with Wind Turbines and Photovoltaic Systems. <i>Sustainability</i> , 2022 , 14, 4273	3.6	1
11	A Framework of Electricity Market based on Two-Layer Stochastic Power Management for Microgrids. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
10	Harnessing power system flexibility under multiple uncertainties. <i>IET Generation, Transmission and Distribution</i> , 2022 , 16, 2878-2890	2.5	0
9	Participation of Grid-Connected Energy Hubs and Energy Distribution Companies in the Day-Ahead Energy Wholesale and Retail Markets Constrained to Network Operation Indices. 2022 , 2022, 1-20		3
8	A novel comprehensive energy management model for multi-microgrids considering ancillary services.		1
7	Meta-heuristic Techniques in Microgrid Management: A Survey. 2023 , 78, 101256		2
6	Smart distribution network operation based on energy management system considering economic-technical goals of network operator. 2023 , 9, 4466-4477		0
5	Fuzzy Decision-Based Energy Management of Energy Grids with Hubs considering Participation of Hubs and Networks in the Energy Markets. 2023 , 2023, 1-13		0
4	Network flexibility regulation by renewable energy hubs using flexibility pricing-based energy management. 2023 , 206, 295-308		1
3	Design and optimization of an entirely hybrid renewable energy system (WT/PV/BW/HS/TES/EVPL) to supply electrical and thermal loads with considering uncertainties in generation and consumption. 2023 , 336, 120782		0
2	Two-Stage Participation of Grid-Connected Energy Hubs in Day-Ahead and Real-Time Energy Markets Based on Robust Modeling of Uncertainties. 2023 , 2023, 1-18		0

- 1 Optimal energy management of CHP-based microgrid examining different types of district heating networks.

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