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Reduced-Order Dispatch Model for Simulating Marginal Emissions Factors for the United States Power Sector

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20	Where did the time (series) go? Estimation of marginal emission factors with autoregressive components. <i>Energy Economics</i> , 2020 , 91, 104905	8.3	4
19	Comparing empirical and model-based approaches for calculating dynamic grid emission factors: An application to CO2-minimizing storage dispatch in Germany. <i>Journal of Cleaner Production</i> , 2020 , 266, 121588	10.3	8
18	Using electricity storage to reduce greenhouse gas emissions. <i>Applied Energy</i> , 2021 , 282, 116199	10.7	8
17	Regional disparities in emissions reduction and net trade from renewables. <i>Nature Sustainability</i> , 2021 , 4, 358-365	22.1	10
16	Charging Strategies to Minimize Greenhouse Gas Emissions of Electrified Delivery Vehicles. <i>Environmental Science & Technology</i> , 2021 , 55, 10108-10120	10.3	3
15	US residential heat pumps: the private economic potential and its emissions, health, and grid impacts. <i>Environmental Research Letters</i> , 2021 , 16, 084024	6.2	1
14	The importance of peak pricing in realizing system benefits from distributed storage. <i>Energy Policy</i> , 2021 , 157, 112484	7.2	2
13	Benefits of electrifying app-taxi fleet [A simulation on trip data from New Delhi. <i>Transportation Research, Part D: Transport and Environment</i> , 2022 , 102, 103113	6.4	1
12	Potential greenhouse gas risk led by renewable energy crowding out nuclear power.. <i>IScience</i> , 2022 , 25, 103741	6.1	2
11	Planning for the evolution of the electric grid with a long-run marginal emission rate.. <i>IScience</i> , 2022 , 25, 103915	6.1	1
10	Real-Time Corporate Carbon Footprint Estimation Methodology Based on Appliance Identification. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	0
9	Why marginal CO emissions are not decreasing for US electricity: Estimates and implications for climate policy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	1
8	Estimation of Emission Factors from Purchased Electricity for European Countries: Impacts on Emission Reduction of Electricity Storage.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	
7	Current and Future Estimates of Marginal Emission Factors for Indian Power Generation. <i>Environmental Science & Technology</i> ,	10.3	0
6	How Well Do Emission Factors Approximate Emission Changes from Electricity System Models?.		0
5	Charging infrastructure access and operation to reduce the grid impacts of deep electric vehicle adoption.		2

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3	Impacts of wind power on air quality, premature mortality, and exposure disparities in the United States. 2022 , 8,	1
2	A data-driven framework for quantifying consumption-based monthly and hourly marginal emissions factors. 2023 , 136296	0
1	Evaluating the hourly emissions intensity of the US electricity system. 2023 , 18, 044020	0