

# CITATION REPORT

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Sensitivity of Western U.S. power system dynamics to droughts compounded with fuel price variability

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21	Planning for sustained water-electricity resilience over the U.S.: Persistence of current water-electricity operations and long-term transformative plans. <i>Water Security</i> , <b>2019</b> , 7, 100035	3.8	6
20	Green system reliability assessment method based on life cycle: Resources and economical view. <i>Journal of Cleaner Production</i> , <b>2020</b> , 251, 119786	10.3	4
19	Can modern multi-objective evolutionary algorithms discover high-dimensional financial risk portfolio tradeoffs for snow-dominated water-energy systems?. <i>Advances in Water Resources</i> , <b>2020</b> , 145, 103718	4.7	5
18	Cost implications of increased solar penetration and time-of-use rate interactions. <i>Clean Energy</i> , <b>2020</b> , 4, 247-269	4.7	0
17	Impact of climate change on water availability and its propagation through the Western U.S. power grid. <i>Applied Energy</i> , <b>2020</b> , 276, 115467	10.7	18
16	Managing Financial Risk Trade-Offs for Hydropower Generation Using Snowpack-Based Index Contracts. <i>Water Resources Research</i> , <b>2020</b> , 56, e2020WR027212	5.4	2
15	Drought and climate change impacts on cooling water shortages and electricity prices in Great Britain. <i>Nature Communications</i> , <b>2020</b> , 11, 2239	17.4	20
14	An Integrated System Dynamics Model to Predict the Effects of Management Scenarios on Economic Assessment of Water and Soil Resources in Hableh-Rud River Basin, Iran. <i>Advances in Science, Technology and Innovation</i> , <b>2021</b> , 25-36	0.3	1
13	Impacts of long-term temperature change and variability on electricity investments. <i>Nature Communications</i> , <b>2021</b> , 12, 1643	17.4	11
12	The Greater Mekong W/Climate-Water-Energy Nexus: How ENSO-Triggered Regional Droughts Affect Power Supply and CO2 Emissions. <i>Earth's Future</i> , <b>2021</b> , 9, e2020EF001814	7.9	16
11	The future evolution of energy-water-agriculture interconnectivity across the US. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 065010	6.2	1
10	A multi-reservoir model for projecting drought impacts on thermoelectric disruption risk across the Texas power grid. <i>Energy</i> , <b>2021</b> , 231, 120892	7.9	0
9	PowNet: A Network-Constrained Unit Commitment/Economic Dispatch Model for Large-Scale Power Systems Analysis. <i>Journal of Open Research Software</i> , <b>2020</b> , 8,	2.3	5
8	Dry cooling retrofits at existing fossil fuel-fired power plants in a water-stressed region: Tradeoffs in water savings, cost, and capacity shortfalls. <i>Applied Energy</i> , <b>2022</b> , 306, 117997	10.7	0
7	Simulation of hydropower at subcontinental to global scales: a state-of-the-art review. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 023002	6.2	0
6	GCAM-USA v5.3_water_dispatch: integrated modeling of subnational US energy, water, and land systems within a global framework. <i>Geoscientific Model Development</i> , <b>2022</b> , 15, 2533-2559	6.3	0
5	The Role of Regional Connections in Planning for Future Power System Operations under Climate Extremes. <i>Earth's Future</i> ,	7.9	

4	The Effects of Climate Change on Interregional Electricity Market Dynamics on the U.S. West Coast. <i>Earth's Future</i> , <b>2021</b> , 9,	7.9	0
3	A multi-model framework for assessing long- and short-term climate influences on the electric grid. <i>Applied Energy</i> , <b>2022</b> , 317, 119193	10.7	0
2	Co-Optimization of Reservoir and Power Systems (COREGS) for seasonal planning and operation. <i>Energy Reports</i> , <b>2022</b> , 8, 8061-8078	4.6	1
1	Hydro-economics tradeoff surfaces to guide unit commitment in production cost models. <i>Applied Energy</i> , <b>2022</b> , 324, 119728	10.7	