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## A Review of the Tools and Methods for Distribution Networks Hosting Capacity Calculation

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#	Paper	IF	Citations
36	Photovoltaic Generation Impact Analysis in Low Voltage Distribution Grids. <i>Energies</i> , <b>2020</b> , 13, 4347	3.1	7
35	Enhancement of Hosting Capacity with Soft Open Points and Distribution System Reconfiguration: Multi-Objective Bilevel Stochastic Optimization. <i>Energies</i> , <b>2020</b> , 13, 5446	3.1	14
34	Distribution networks measured background voltage variations, probability distributions characterization and Solar PV hosting capacity estimations. <i>Electric Power Systems Research</i> , <b>2021</b> , 192, 106979	3.5	4
33	Dataset for generating synthetic residential low-voltage grids in Sweden, Germany and the UK. <i>Data in Brief</i> , <b>2021</b> , 36, 107005	1.2	1
32	Comparison of Deterministic and Probabilistic Approaches for Hosting Capacity Allocation of Wind and PV Generation in Distribution Networks. <b>2021</b> ,		0
31	Estimating national and local low-voltage grid capacity for residential solar photovoltaic in Sweden, UK and Germany. <i>Renewable Energy</i> , <b>2021</b> , 171, 915-926	8.1	12
30	Inequitable access to distributed energy resources due to grid infrastructure limits in California. <i>Nature Energy</i> , <b>2021</b> , 6, 892-903	62.3	5
29	A nomographic tool to assess solar PV hosting capacity constrained by voltage rise in low-voltage distribution networks. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 134, 107409	5.1	2
28	A novel framework for hosting capacity analysis with spatio-temporal probabilistic voltage sensitivity analysis. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 134, 107426	5.1	4
27	Hosting Capacity Assessment in Distribution Networks Considering Wind Photovoltaic Load Temporal Characteristics. <i>Frontiers in Energy Research</i> , <b>2021</b> , 9,	3.8	1
26	Overview of Loss Sensitivity Analysis in Modern Distribution Systems. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	0
25	Hosting Capacity Calculation Deploying a Hybrid Methodology: A Case Study Concerning the Intermittent Nature of Photovoltaic Distributed Generation and the Variable Nature of Energy Consumption in a Medium Voltage Distribution Network. <i>Energies</i> , <b>2022</b> , 15, 1223	3.1	1
24	Evaluating the Risk of Exceeding the Normal Operating Conditions of a Low-Voltage Distribution Network due to Photovoltaic Generation. <i>Energies</i> , <b>2022</b> , 15, 1969	3.1	0
23	Modeling and open source implementation of balanced and unbalanced harmonic analysis in radial distribution networks. <i>Electric Power Systems Research</i> , <b>2022</b> , 209, 107935	3.5	0
22	Enhancing the hosting capacity of distribution transformers for using dynamic component rating. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 142, 108130	5.1	0
21	Violation-mitigation-based method for PV hosting capacity quantification in low voltage grids. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2022</b> , 142, 108318	5.1	0
20	Stochastic Concept for Modeling Distributed Energy Resources in Power Systems. <b>2022</b> ,		0

19	Hosting Capacity of the Power Grid for Electric Vehicles - A Case Study on a Swedish Low Voltage Grid. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2022</b> , 1050, 012008	0.3
18	Distributed energy resource management systemsDERMS : State of the art and how to move forward.	2
17	Recent investigations on the evaluation of solar PV hosting capacity in LV distribution networks constrained by voltage rise. <b>2022</b> , 199, 11-20	0
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12	Towards Maximizing Hosting Capacity by Optimal Planning of Active and Reactive Power Compensators and Voltage Regulators: Case Study. <b>2022</b> , 14, 13299	0
11	An Enhanced Approach for Solar PV Hosting Capacity Analysis in Distribution Network. <b>2022</b> , 1-1	2
10	Analysis of technical losses considering charging stations and PV systems. <b>2022</b> ,	0
9	Comparative Analysis of Power Distribution Systems with Individual Prosumers Owing Photovoltaic Installations and Solar Energy Communities in Terms of Profitability and Hosting Capacity. <b>2022</b> , 15, 8837	4
8	Stochastic Approach for Increasing the PV Hosting Capacity of a Low-Voltage Distribution Network. <b>2023</b> , 11, 9	0
7	Optimization Approach for Planning Soft Open Points in a MV-Distribution System to Maximize the Hosting Capacity. <b>2023</b> , 16, 1035	0
6	Value of distribution system information for DER deployment.	0
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4	Artificial Intelligence for Hosting Capacity Analysis: A Systematic Literature Review. <b>2023</b> , 16, 1864	0
3	Mathematical Hosting Capacity Calculation due to Arise Voltage using The Equation of Line Approach. <b>2022</b> ,	0
2	A Study of Enhancing PV Hosting Capacity in an Industrial Microgrid. <b>2022</b> ,	0

- 1 Distributed Generation Hosting Capacity Evaluation for Distribution Networks Considering Uncertainty. **2023**, 17, 163-169

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