

# Designing an optimized configuration for a hybrid PV/D on metaheuristics: A case study on Gobi Desert

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#	ARTICLE	IF	CITATIONS
1	Design optimization of grid-connected PV-Hydrogen for energy prosumers considering sector-coupling paradigm: Case study of a university building in Algeria. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 37564-37582.	7.1	55
2	A Comprehensive Review of Nature-Inspired Search Techniques Used in Estimating Optimal Configuration Size, Cost, and Reliability of a Mini-grid HRES: A Systemic Review. <i>Lecture Notes in Computer Science</i> , 2021, , 492-507.	1.3	2
3	Artificial Intelligence applications in renewable energy systems. , 2021, , 251-295.		4
4	Techno-economic and environmental assessment of a hybrid renewable energy system using multi-objective genetic algorithm: A case study for remote Island in Bangladesh. <i>Energy Conversion and Management</i> , 2021, 230, 113823.	9.2	98
5	Impact of optimal power generation scheduling for operating cleaner hybrid power systems with energy storage. <i>International Journal of Energy Research</i> , 2021, 45, 14493-14517.	4.5	10
6	Coupling economic multi-objective optimization and multiple design options: A business-oriented approach to size an off-grid hybrid microgrid. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 127, 106686.	5.5	21
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10	Optimization of a tidalâ€batterya€diesel driven energyâ€efficient standalone microgrid considering the loadâ€curve flattening program. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12993.	1.9	6
11	Robust multi-objective optimal design of islanded hybrid system with renewable and diesel sources/stationary and mobile energy storage systems. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111295.	16.4	194
12	Optimal design and energy management of an isolated fully renewable energy system integrating batteries and supercapacitors. <i>Energy Conversion and Management</i> , 2021, 245, 114584.	9.2	92
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14	A reliable and cost-effective planning framework of rural area hybrid system considering intelligent weather forecasting. <i>Energy Reports</i> , 2021, 7, 5647-5666.	5.1	12
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16	Performance Analysis of a Stand-Alone PV/WT/Biomass/Bat System in Alrashda Village in Egypt. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10191.	2.5	9
17	Effects of Reliability Index on Optimal Configuration of Hybrid Solar/Battery Energy System by Optimization Approach: A Case Study. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-11.	2.5	3
18	A comparative study based on a techno-environmental-economic analysis of some hybrid grid-connected systems operating under electricity blackouts: A case study in Cameroon. <i>Energy Conversion and Management</i> , 2022, 251, 114935.	9.2	18

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