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Deemed to be

Alternate Energy Resources
Microgrid

Photovoltaic-Thermoelectric Hybrid System
Efficiency Enhancement of Solar PV syst...

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<p>Power enhancement from partially shaded modules of solar PV arrays through various interconnections among modules</p> <p>PR Satpathy, S Jena, R Sharma Energy 144, 839-850</p>	63	2018
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<p>Comparative study of interconnection schemes of modules in solar PV array network</p> <p>PR Satpathy, S Jena, B Jena, R Sharma 2017 International Conference on Circuit, Power and Computing Technologies ...</p>	26	2017
<p>Setting a fostered energy network by decarbonizing the grid: Hybridization, control, and future solutions upon storage</p> <p>S Jena, SK Kar International Journal of Energy Research 43 (1), 455-474</p>	19	2019
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<p>Demonstrating the benefits of thermoelectric-coupled solar PV system in microgrid challenging conventional integration issues of renewable resources</p> <p>S Jena, SK Kar International Journal of Energy Research 44 (2), 950-976</p>	12	2020
<p>Performance analysis of solar PV based microgrid with and without BESS estimating the expected battery life</p> <p>S Jena, P Sinha, PR Satpathy, S Khatua, R Sharma, SK Kar 2018 Technologies for Smart-City Energy Security and Power (ICSESP), 1-6</p>	7	2018
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<p>Defining indispensability of storage for raised renewable penetration in conventional and thermoelectric coupled microgrid: Modeling, analysis and validation</p> <p>S Jena, SK Kar International Journal of Energy Research 44 (7), 5947-5967</p>	4	2020
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<p>Performance analysis of the perturb-and-observe and incremental conductance MPPT under varying weather conditions</p> <p>PR Satpathy, S Jena, R Sharma Proceedings of the 1st International Conference on Large-Scale Grid ...</p>	3	2017
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