

We found that the area exhibits significant wind speeds and solar radiation, making it suitable for renewable energy sources. The study concludes that establishing a hybrid energy system that ...

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Rad et al. propose an economic hybrid system of solar, wind, and biogas for cost-effective electricity supply to a remote village. Integrating fuel enhances flexibility while also increasing ...

This article aims to explore an optimal configuration and conduct a technical and economic analysis of a hybrid solar-wind energy system tailored for electrifying Laayoune city. ...

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The pressing environmental concerns associated with fossil fuels have propelled renewable energy sources, particularly solar and wind energy, into a more prominent position. ...

The main objective of this study is to propose an optimal âEUR~hybrid renewable energy systemâEUR(TM) (HRES) destined to supply a group of typical houses in Marrakech-Morocco. The renewable ...

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