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Title: Small Wind Power System Design

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The objective of this paper is to provide a comprehensive design and performance review of horizontal and vertical micro-wind turbines. The study begins with an overview of the ...

The research study presented in this paper considers the energy efficiency of a small wind turbine with a horizontal axis of rotation. Three key design parameters were ...

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Small wind turbines (1-10 kW) represent the sweet spot for most residential applications. A 5-10 kW system can potentially supply a ...

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Since joining Wiley in 2010, she has worked across a range of Materials Science journals, and is currently Deputy Editor for Small and Editor-in-Chief of Nano Select.

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Rotor aerodynamics and loads Just like large wind turbines most modern small wind turbines use a three-bladed rotor with aerodynamic sections (airfoils), although designs with two or four ...

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