

May 1, 2025&ensp;&#0183;&ensp;The optimization of wind power generation for both economic and environmental benefits has emerged as a solution to contemporary energy challenges. Artificial intelligence ...

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Nov 17, 2023&ensp;&#0183;&ensp;The trouble of global energy shortage is becoming increasingly severe, and environmental factors are becoming increasingly necessary for social development.

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Aug 7, 2025&ensp;&#0183;&ensp;A comprehensive MATLAB/Simulink implementation of a Doubly-Fed Induction Generator (DFIG) wind power system with ...

Nov 17, 2022&ensp;&#0183;&ensp;[9] Sandeep Kumar<sup>1</sup>, Vijay Kumar Garg<sup>2</sup>, "A HYBRID MODEL OF SOLAR-WIND POWER GENERATION SYSTEM", International Journal of Advanced Research in Electrical, ...

Jul 10, 2025&ensp;&#0183;&ensp;Firstly, this paper introduces the general considerations in the optimal design of wind power systems and the AI methods commonly used for the optimal design of wind power ...

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