Hongmei Solar Power Generation

This paper proposes a model called X-LSTM-EO, which integrates explainable artificial intelligence (XAI), long short-term memory (LSTM), and equilibrium optimizer (EO) to reliably forecast solar power ...

The solar power plant is also known as the Photovoltaic (PV) power plant. It is a large-scale PV plant designed to produce bulk electrical power from solar radiation. The solar power plant ...

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Solar power ...

Hongmei Yin; Mohamed E. Zayed; ... For next-generation Concentrated Solar Power (CSP) systems with higher efficiency, they are anticipated to work at temperatures more than 700 °C. The conversion ...

Solar power generation is a promising and sustainable source of energy that has gained significant attention in recent years due to its potential to reduce greenhouse gas emissions and mitigate ...

Geothermal resources provide green, low-carbon, and renewable clean energy, with abundant reserves and massive potential for application. The in-depth analysis of geothermal resources ...

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