

How to solve the collapse of wind power in communication base stations

wind disaster, this paper focused on investigating the collapse mechanism and ...

To address these challenges, the integration of advanced control strategies is necessary. In this context, Model Predictive Control (MPC) combined with Long Short-Term Memory (LSTM) ...

A wind-solar hybrid and power station technology, applied in the field of communication, can solve problems such as the difficulty of power supply for communication base stations, and achieve ...

We investigate the use of wind turbine-mounted base stations (WTBSs) as a cost-effective solution for regions with high wind energy potential, since it could replace or even outperform ...

In general, in the case of sudden large-scale natural disasters and public emergencies, a single communication network technology cannot guarantee communication needs, so the emergency ...

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