

In this paper, an open dataset consisting of data collected from on-site renewable energy stations, including six wind farms and eight solar stations in China, is provided. Over two years...

To access additional data, including an interactive map of global wind farms, a downloadable dataset, and summary data, please visit the Global Wind Power Tracker on the Global Energy Monitor website.

This paper proposes a stochastic day-ahead scheduling framework for integrated energy systems (IES) considering uncertain wind power generation and multienergy loads.

This paper proposes an adjustable robust power dispatch (ARPD) model under low-carbon economy to accommodate the uncertainty of wind power with combined wind-storage system (CWSS) and ...

Compared to existing studies on coordinated trading strategy for wind power and other resources, as proposed in this paper, wind power and DR resources can strategically perform ...

Shanghai Electric Power Generation Group is the core industry sector of Shanghai Electric Group, specializes in power generation equipment manufacturing, power generation engineering and full life ...

NASA/ADS Coordinated Bidding Strategy of Wind Farms and Power-to-Gas Facilities Using a Cooperative Game Approach Zhang, Rufeng ; Jiang, Tao ; Li, Fangxing ; Li, Guoqing ; Chen, Houhe ...

As a coalition, wind farms can provide energy to P2G facilities and receive reserve capacity in return. The coordinated bidding strategy is modeled on stochastic programming to ...

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An effective P2G bidding strategy in electricity markets can bring in arbitrage opportunities. This chapter proposes a coordinated bidding strategy for wind farms and P2G facilities using a cooperative game ...



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