

Strategies for wind power trading were studied in [21]. Two types of bid scenarios are proposed as linear bid and block bid trading for wind power generation, but the model did not consider ...

With the deregulation of electricity market, generation companies must take part in strategic bidding by offering its bidding quantity and bidding price in a day-ahead electricity wholesale ...

Wind power bidding strategies could increase the energy revenue of wind turbine generators and reduce the overall energy production cost. In [5-7], wind power generators were considered ...

The reason for this is that the wind power output mainly depends on the ambient wind speed, and its output plan adjustment flexibility is low, which leads to similar power plans ...

The intermittent nature of wind power generation induces great challenges for power bidding in the electricity market. The deployment of battery energy storage can improve flexibility for power bidding. This paper ...

With the deregulation of electricity market, generation companies must take part in strategic bidding by offering its bidding quantity and bidding price in a day-ahead electricity wholesale market to sell their electricity. This paper studies ...

In adjustment market, the maximum power wind generator company bid is supposed as real as its real output. Moreover, in the case, we assume that uncertain power of wind generator is about 40% of the reliable ...

Aiming at the two-stage bidding scheduling model for wind power participation in the day-ahead and real-time market, the first stage uses QGA(quantum genetic algorithm) ...

In this paper, we investigate optimal wind power generator (WPG) bidding strategies in electricity markets. Assuming the cost of wind power generation is zero, WPG would maximize its profit ...

These may be due to variations in wind power generation, the volatility of electricity price or rival WPP's offering strategy. Stochastic programming (SP) is used to formulate and solve the problems with uncertain ...

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Wind power generation bidding

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