

Tao Jing from Suofengying Power Plant

Are China's power plants heterogeneous?

To reveal the regional heterogeneity of the carbon emission efficiency of China's power plants, this paper divides China into five regions in terms of geographical location: Northeast, Eastern, Central, Northern and Southern China. Specifically, each power plant is clustered into a certain region.

How many MW of wind & PV power plants are installed in Wujiang?

According to the Planning on the Integration of Renewable Energy in the Wujiang River Basin, the planned installed capacities of wind and PV power plants integrated into the three cascade hydropower stations are 929 MW and 1950 MW respectively.

How many power plants are in China?

Specifically, each power plant is clustered into a certain region. As a result, 6 power plants are in Northeast China, 16 power plants are in Eastern China, 6 power plants are in Central China, 12 power plants are in Northern China, and 2 power plants are in Southern China.

Are power plants in southern China mainly in the heat supply mode?

This indicates that the power plants in Southern China are mainly in the power supply mode, while the power plants in Northeast China are mainly in the heat supply mode, which is exactly in line with the actual regional demands.

Which Xianfeng PV plant is a representative PV plant?

In this study, the Xianfeng PV plant which has been put into operation near the hydropower station is chosen as the representative PV plant, and the planned PV plants are assumed to have the same meteorological conditions as the Xianfeng PV plant.

Which power plant ranked the last under the SBM model?

For example, the power plant numbered 29 ranked the last under the SBM model and the first under the SBM model with undesirable outputs; the power plant numbered 31 and the power plant numbered 32 change from an inefficient state in the SBM model to an efficient state in SBM model with non-desired outputs.

The Suofengying plant is a Hydro power plant located in ?? China. Suofengying has a peak capacity of 600.0 MW which is generated by Hydro. The power plant was commissioned in 2006 and ...

Yuechuan Tao; Jing Qiu; Shuying Lai ... (DER) owners have many concerns when participating in virtual power plants (VPPs), including low returns and a limited variety of plans. Therefore, it lacks ...

Yuechuan Tao; Jing Qiu; Shuying Lai ... To achieve a low-carbon economy, the comprehensive planning of the early retirement of coal-fired power plants (CFPPs), the construction of renewable energy ...

Simulation results reveal that the data-driven method can calculate power flows more accurately than direct current power flow (DCPF) and linearized ACPF models. Also, the supervised ...

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The cooperation of renewable power plants and the emerging storage technology, e.g., power-to-gas (P2G), is considered to further reduce emissions. In the proposed bi-level model, which is ...

Jing Tao's 54 research works with 402 citations and 4,831 reads, including: Niche shifts and range expansions after the invasions of two major pests: Asian Longhorned Beetle and Citrus ...

Tao, Jing,????????????????,????????????????,??H???2,??????15?,????????11?,???????????? ...

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Yuechuan Tao; Jing Qiu; Shuying Lai ... To achieve a low-carbon economy, the comprehensive planning of the early retirement of coal-fired power plants (CFPPs), the construction of ...

A hybrid classical/fuzzy control methodology is presented to integrate low-level machine control and high-level supervision for the steam temperature and water level processes of the power ...

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