Title: Bingtuan Solar Power Generation
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A quantitative evaluation index of the complementary characteristics of renewable energies is introduced as one of the planning objectives, which represents the joint output fluctuation of solar ...

Bingtuan Gao (M"10) received the B.E. degree in electrical engineering, the M.E. degree in control theory and control engineering, and the Ph.D. degree in power electronics and electrical drives, all from ...

Bingtuan Gao List of Publications by Year in descending order Source: //exaly /author-pdf/924978/publications.pdf Version: 2024-02-01

This reprint contains systematic reviews and empirical studies regarding renewable energy power generation and power demand-side management, spanning many subject areas.

A framework is proposed for energy trading between renewable energy generation and thermal power generation, wherein the strategy interaction is analyzed from the perspective of bounded rationality, ...

His research interests include robotics and its application in smart grid, optimization and control of power system integrated with renewable energy, demand side management, distributed energy system.

Evaluation of dispatching results of power system with high penetration of renewable energy based on Pythagorean fuzzy set and TOPSIS Energy Reports 2022-11 | Journal article DOI: ...

Abstract: Aiming for large-scale renewable energy sources (RES) integrated to power systems with power electronic devices, the technology of virtual synchronous generator (VSG) has been...

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