

Title: Zhejiang University Central Control Solar Power Generation

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Maximum power operating point (MPOP) normally depends upon radiations of sun, load current and temperature of the solar module. In this paper, optimization of Perturbation and Observation (P& O) ...

She is currently an Associate Professor with Zhejiang University. Her current research interests include the simulation, intelligent control, and scheduling of integrated energy systems.

Compared with single-crystal silicon cells, perovskite solar cells are a new generation of semiconductor photovoltaic technology with great development potential. The light absorption rate of perovskite is a ...

Under the leadership of Academician Cen Kefa, the research team at Zhejiang University embarked on the exploration of CSP.

The CSE college was founded in 1956. For more than 60 years, we CSE people have built a history of excellence in education and discovery, and our college is now one of the most prestigious...

His long-term teaching and research focus on power system stability and control, electrical energy storage technology and applications, and artificial intelligence in power systems.

New-generation photovoltaic techniques with low-cost solution-processability, including organic solar cells, organic-inorganic nanocrystals hybrid solar cells, and perovskite solar cells,...

In this paper, the main components of solar thermal power systems including solar collectors, concentrators, TES systems and different types of heat transfer fluids (HTFs) used in solar farms ...

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