



## Record

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# 2023 2nd International Conference on Green Energy and Power Systems, ICGEPS 2023

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## Abstract

The proceedings contain 57 papers. The topics discussed include: multi-objective optimization configuration of wind-solar coupling hydrogen production system; thermal runaway difference between fresh and retired lithium iron phosphate batteries under overheating; study on dynamic line rating of overhead transmission line based on large-scale new energy power grid connection; numerical simulation of the propagation of premixed gas in a pipe flame arrestor; research on output voltage self-balance control method of bipolar DC distribution grid for renewable energy consumption; functional positioning and configuration of wind energy storage in the power system; experimental study of coupled solar and air source heat pump heating system; research on calculation method of energy storage capacity configuration for primary frequency control of photovoltaic power station; analysis of intergranular corrosion cracking of austenitic stainless steel tubes for utility boilers; and optimal scheduling of pumped storage power station based on immune ant colony algorithm.

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## Metrics



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## Conference Information ^

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