

# Ordinary solar power station superimposed with pumped storage





## Overview

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What is the operation model of pumped storage power stations?

In the operation strategy of pumped storage power stations, the operation model of pumped storage power stations in different countries is also different. The operation model of Japan's pumped storage power station mainly includes a leasing system and an internal accounting system.

How can pumped-storage power (PSP) stations contribute to a low-carbon economy?

Facilitate the development of PSP station systems and a low-carbon economy. Optimizing peak-shaving and valley-filling (PS-VF) operation of a pumped-storage power (PSP) station has far-reaching influences on the synergies of hydropower output, power benefit, and carbon dioxide (CO<sub>2</sub>) emission reduction.

What is pumped-storage power (PSP) station operation?

Pumped-storage power (PSP) station operation, known for its critical role in power grid system management, including load peak-shaving, load valley filling, frequency modulation, phase modulation, and emergency backup, holds great importance , , .

How can pumped storage power stations be fully independent?

In the model of “completely independent participation in the market”, the technical transformation of the pumped storage power station should be accelerated, the energy conversion efficiency of the power station should be reasonably improved, the power loss should be reduced, and the cost recovery of the power station should be promoted.



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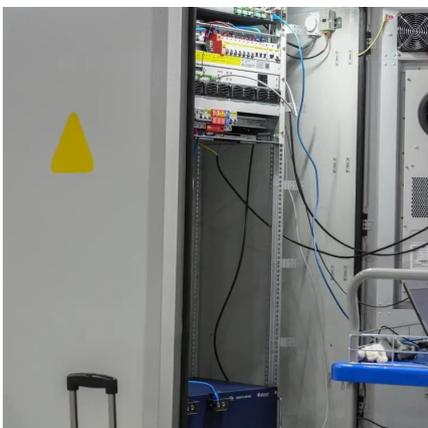
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