

# The first pumped storage power station

The principle behind the operation of pumped storage power plants is both simple and ingenious. Their special feature: They are an energy store and a hydroelectric power plant in one. If there ...

Corresponding author: [wj3443@163](mailto:wj3443@163) Abstract. The installed capacity of pumped storage power stations in China is in the world's leading position. Due to the special geographical and ...

Pumped-storage power stations play an important role in the electricity market because of their flexible operation and rapid response, as well as their multiple functions such as peak shaving ...

This paper first introduces the related concepts of dual-carbon background and pumped storage power stations. Then the development dynamics of the station in a period are ...



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