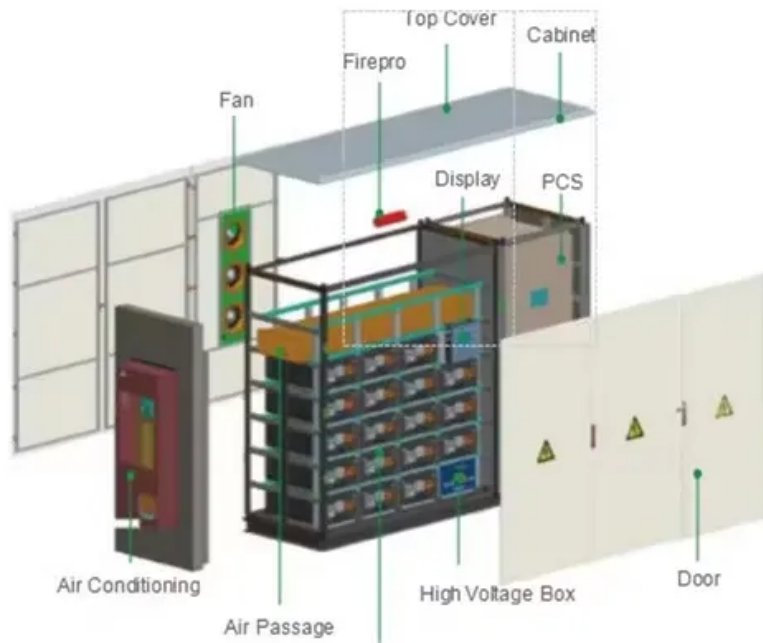


## European Solar Energy Storage

# Heimifeng pumped storage power station



## Overview

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The Heimifeng Pumped Storage Power Station (Chinese: 回峰抽水蓄能电站) is located at the hills of Heimifeng, Qiaoyi town, Wangcheng district, 25 kilometres (16 mi) north of Changsha in Hunan province, China. It was constructed between 2005 and 2009 with the generators being commissioned in 2009 and 2010.

## Heimifeng pumped storage power station

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### Heimifeng Pumped Storage Storage Energy Mw Guangzhou

Includes plans for Guangzhou I (4 storage x 306 MW), Shahe (2 x 51 MW), storage Zhanghewan (4 x 255 MW) Bailianhe ( 4 storage x 306 MW), Huizou (8 x 306 MW) storage and Baoquan (4 x 306 MW).

### Optimizing pumped-storage power station operation for boosting power

Heimifeng (HMF) pumped-storage power station located in Hunan Province of China is the largest PSP station in this province (Fig. 2). The energies in the power grid of Hunan Province consist of thermal power, hydropower, pumped-storage power, wind power, photovoltaic power, and biomass power.



### Heimifeng pumped storage plant moves ahead

Alstom has received an order from China's Dongfang Electrical Machinery Co. for the supply of hydroelectric equipment to the Heimifeng pumped storage plant, located in China's southern Hunan province.

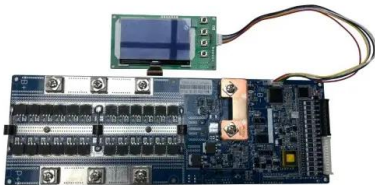
### Heimifeng Pumped Storage Power Station

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## Heimifeng Pumped Storage Power Station

Statements instance of pumped-storage power station 0 references inception 2010 1 reference 1 July 2019 inferred from Category:2010 establishments in China country People's Republic of ...



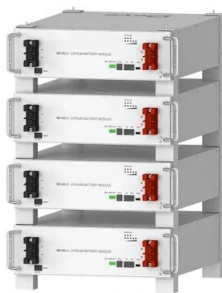
## Heimifeng Pumped Storage Power Station Explained

The Heimifeng Pumped Storage Power Station is located at the hills of Heimifeng, Qiaoyi town, Wangcheng district, north of Changsha in Hunan province, China. It was constructed between 2005 and 2009 with the generators being commissioned in 2009 and 2010.



## Hydraulic Structure Layout and Design of Heimifeng Pumped-storage Power

The hydraulic structure system of Heimifeng Pumped-storage Power Station consists of upper and lower reservoirs, water conveyance system and power generating system. The layout and design of these hydraulic structures was introduced herein. The hydraulic layout of upper reservoir meets the demand of material sources for concrete face rockfill dams



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## List of pumped-storage hydroelectric power stations

2 ????· List of pumped-storage hydroelectric power stations The following page lists all pumped-storage hydroelectric power stations that are larger than 1,000 MW in installed generating capacity, which are currently operational or under construction.

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