

Pumped Storage Hydroelectric Power Station

This pumped storage power station is located in Wangcheng County, Changsha City, Hunan Province. It provides voltage loop power distribution.



Project Overview

Heimifeng Pumped Storage Power Station

The Heimifeng Pumped Storage Power Station is a significant hydroelectric facility located in Wangcheng County, Changsha City, Hunan Province. Designed to optimize the power supply structure of the region, the station plays a crucial role in grid operation and supports the development of local energy infrastructure. This facility utilizes advanced reversible unit technology to manage power loads effectively.

Technical Specifications

Total Installed Capacity

1200 MW

Total Capacity

Unit Configuration	4 reversible units
Single Unit Capacity	300 MW

Performance Data

Designed Annual Power Generation	1.606 billion kW/h
Annual Pumped Water Consumption	2.141 billion kW/h

Location & Context

Geographic Location	Wangcheng County, Changsha City, Hunan Province
Strategic Importance	Grid Load Balancing, Power Supply Optimization, Energy Infrastructure