

# 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