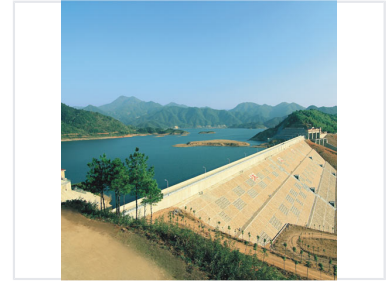


Large-Scale Water Reservoir

This reservoir project serves as a key infrastructure for water management. It provides water storage for irrigation, flood control, and hydroelectric power generation.



Overview

Large-Scale Hydraulic Infrastructure

This comprehensive hydraulic engineering project serves as a critical infrastructure asset for flood control, irrigation, and water supply. Designed for long-term reliability, the facility integrates hydroelectric power generation capabilities to support local energy needs. It plays a vital role in protecting downstream farmland and urban areas while enhancing the regional water environment.

Technical Specifications

Dam Dimensions

Dimension	Measurement
Maximum Height	56.9 m
Crest Width	6 m
Total Length	444 m

Dam Construction Type: Concrete face rockfill dam

Capacity and Performance

Reservoir Performance

125.71 million m³
Total Reservoir Capacity

6.3 thousand kW
Installed Power Capacity

38.33 million kWh
Annual Power Output

Turbine Configuration: Two sets of 6300 kW Francis turbine generator units

Project Details

Construction Timeline

- Construction Started: December 2006
- Impoundment: April 2009
- Grid Connection: August 2009

Primary Applications: Flood Control, Irrigation, Water Supply, Hydroelectric Power