

Large-Scale Hydropower Station with Concrete Gravity Dam

The Sinan River Hydropower Station is a large-scale power engineering project involving the construction of a dam and hydroelectric power plant. The dam appears to be a concrete gravity dam, creating a large reservoir for water storage.



Project Overview

Large-Scale Hydropower Solution

This large-scale hydropower station utilizes a robust concrete gravity dam design to enable efficient power generation and water resource management. With a substantial installed capacity of 201MW and a significant reservoir volume, the facility is designed for reliable, long-term renewable energy production. The project has been fully operational since June 2008, demonstrating its proven performance and engineering stability.

Technical Specifications

Installed Capacity

201 MW

Capacity

Dam Height

115 m

Reservoir Capacity

264 million m³

Project History

Key Milestones

- Construction completion
- Commissioning in June 2008

Operational Status

Fully operational since June 2008