

# 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 m<sup>3</sup>

## Project History

### Key Milestones

- Construction completion
- Commissioning in June 2008

### Operational Status

Fully operational since June 2008