

Large-Scale Water Control Project with Concrete Dam

This large-scale water control project features a concrete dam, spillways, powerhouses, and supporting infrastructure. The dam impounds a significant body of water, contributing to water resource management and power generation in the region.



Project Overview

Zipingpu Water Conservation Project

The Zipingpu Water Conservation Project is a sophisticated large-scale water control facility integrated into a mountainous environment. It utilizes a concrete dam structure to impound a significant body of water for effective resource management. The infrastructure includes essential components such as spillways, powerhouses, and reliable power transmission facilities, supporting regional power generation.

Infrastructure Components

Key Infrastructure Components

- Concrete Dam
- Water Reservoir
- Spillways
- Powerhouses
- Power Transmission Facilities
- Arch Bridge

Primary Applications

Water Resource Management, Power Generation, Large-Scale Water Control