

Water Resources Application Project with Bulb Tubular Generators

This project integrates power generation, irrigation, and other lines through comprehensive water resource management. It is equipped with three Bulb Tubular Generating units.



Project Overview

Comprehensive Water Resources Application

Located in Tianyang County, Guangxi, this project is a multi-functional water resources application integrating power generation and irrigation capabilities. The infrastructure features a sophisticated navigation and power station system, designed to support both energy production and vessel throughput. It serves as a critical piece of infrastructure for regional navigation and power supply.

Technical Specifications

Number of Generating Sets	3
Capacity per Unit	22 MW
Generator Type	Bulb Tubular Generating Sets

Operational Metrics

Annual Throughput Capacity

5.2 million tons

Annual Throughput

Supported Vessel Class	1,000 tonners
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Project Timeline

Key Milestones

Date	Event
August 2006	Contract signed for navigation power station and dam monitoring
December 18, 2007	Project opened to navigation; first generating set operation
August 2008	Estimated third set debugging and operation