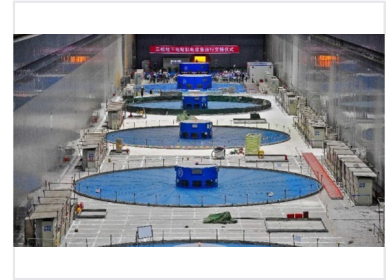


Hydropower Station Project

This is a hydropower station project. It highlights the engineering and infrastructure for hydroelectric power generation.



Project Overview

Three Gorges Hydropower Station

The Three Gorges Power Station represents the world's largest hydropower installation, featuring a total of 32 massive generator units. After a decade of rigorous installation and commissioning, the facility is fully operational, showcasing unprecedented scale and engineering complexity in hydroelectric generation. Its design addresses significant challenges in capacity and operational variability, providing a robust solution for large-scale renewable power generation.

Technical Specifications

Main Generator Capacity

700000 kW

Standard Unit Output

50000 kW

Auxiliary Unit Output

Total Generating Units

32 units

Engineering Status

Fully Operational, Large-Scale Infrastructure, World's Largest Capacity

Deployment Locations

Power Plant Locations

- Left Bank Power Station
- Right Bank Power Station
- Underground Power Station