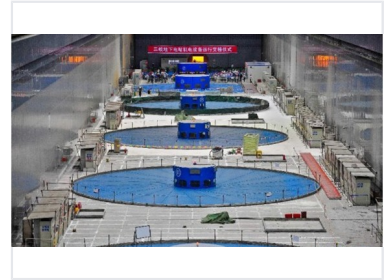


Hydroelectric Power Generation Station

This power station is a massive engineering feat in power generation. It features large, circular turbine housings and a complex operational environment.



Project Overview

World-Leading Hydropower Infrastructure

The Three Gorges Power Station stands as the world's largest hydroelectric power project, representing a monumental achievement in engineering. Featuring 32 main generation units, the facility delivers a massive 700,000 kilowatts per unit, ensuring reliable and large-scale renewable energy production. This complex installation, spanning over a decade of development, integrates sophisticated design and manufacturing technology to achieve peak operational efficiency.

Technical Specifications

Main Generator Capacity

700000 kW

Capacity per Main Unit

Total Generation Units

32

Underground Power Station Unit

50000 kW

Project Infrastructure

Engineering Milestones

- World's largest installed capacity
- Highest design and manufacturing difficulty
- Advanced head-to-width variance management

Station Locations

Left Bank Station, Right Bank Station, Underground Power Station