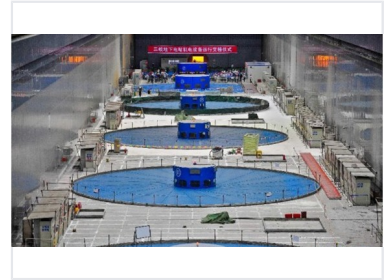


# Hydroelectric Power Generation Station

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