

Hydroelectric Gravity Dam

This hydroelectric gravity dam spans the Yangtze River. As the world's largest power station, it has a total capacity of 22,500 MW.



Overview

Three Gorges Hydroelectric Dam

The Three Gorges Dam is a massive hydroelectric gravity dam spanning the Yangtze River, representing the world's largest power station by installed capacity. Constructed from durable concrete, the structure reaches a height of 181 meters and facilitates significant energy production. It serves as a benchmark for large-scale renewable infrastructure, managing a reservoir with a surface area of 1,045 square kilometers.

Technical Specifications

Height	181 m
Reservoir Surface Area	1045 sq km

Power Generation

Generation Capacity

22500 MW
Total Capacity

34 units
Total Generators