

# 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