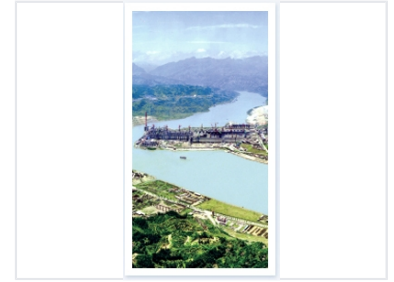


Hydroelectric Power Generation Station

Hydroelectric power stations convert the kinetic energy of flowing water into electrical energy. These stations feature a dam that creates a reservoir and controls water flow through turbines to generate power.



Overview

Hydroelectric Power Generation Capabilities

This product offering encompasses large-scale hydroelectric power generation solutions, ranging from individual turbine units to complex multi-unit station installations. With a proven track record in major domestic engineering projects, these systems are designed to harness significant water resources for reliable, high-capacity electricity production. The technology supports diverse configurations, including mixed-flow units and various water-turbine generator setups tailored for regional power infrastructure.

Project History

Notable Project Installations

Project Name	Configuration	Years
Three Gorges Hydro Power Station	4x150MW	1997-2002
Ertan Hydro Power Station	6x550MW	1994-1996
Tianshengqiao (First Class)	4x306MW	1985-1997
Yantan Hydro Power Station	4x302.5MW	1986-1993
Wuqiangxi Hydro Power Station	5x240MW	1982-1994
Ruanjiang Water Resources	5x45MW	2000-2002
Gaotan Hydro Power Station	3x19MW	1992

Technical Capabilities

Supported Turbine Types

- Mixed-Flow Generator Units
- Water-Turbine Generator Units

Capacity Range

19MW, 45MW, 150MW, 240MW, 302.5MW, 306MW, 550MW