

# Hydropower Station

This hydropower station uses the force of water to generate electrical power. It includes a dam, powerhouse, spillways and intake structures.



## Overview

### Hydropower Station Solution

This hydropower station solution is designed for large-scale energy generation, integrating robust dam structures, spillways, and intake systems. The facility is engineered for optimal water management and power conversion, ensuring reliable energy output. Its design focuses on seamless integration with the surrounding reservoir environment while maintaining structural integrity and operational efficiency.

## Technical Specifications

### Key Components

- Dam Structure
- Powerhouse
- Spillways
- Intake Structures

<b>Structure Type</b>	Dam-based Hydropower Station
<b>Integration Features</b>	Reservoir Integration, Landscape Compatible, Infrastructure Support