

# Hydropower Generation Station

This hydropower generation station uses the kinetic energy of water to generate electricity. It includes a dam, spillway, and power plant.



## Overview

### Hydropower Generation Station

This hydropower generation station is a robust civil engineering solution designed for efficient renewable energy production. Featuring a substantial gravity dam structure, it is engineered to withstand immense reservoir water pressure while facilitating controlled water release through an integrated spillway system. The facility includes a dedicated power plant building at the base, housing advanced turbines and generators that convert kinetic energy into reliable electricity.

## Technical Specifications

### Facility Components

- Gravity dam structure
- Spillway with multiple control gates
- Water intake structure
- Base-mounted power plant building

<b>Dam Construction Type</b>	Gravity Dam
<b>Primary Function</b>	Renewable Energy, Electricity Generation, Water Management