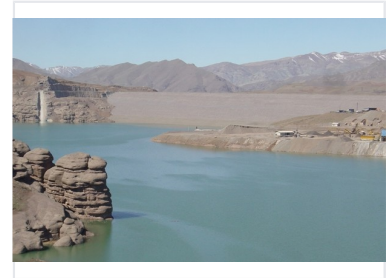


Hydroelectric Dam Project

This is a clay core rock fill dam with a maximum height of 101 m and a crest length of 1,090 m. It required the excavation and earthmoving of 18 million m³ of material.



Project Overview

Hydroelectric Dam Infrastructure

This clay core rock fill dam is designed for large-scale hydroelectric power generation and water management. Spanning over one kilometer in crest length, the infrastructure incorporates robust excavation and earthmoving techniques. It features a specialized underground powerhouse and a high-capacity spillway to ensure reliable operation within complex mountainous terrain.

Structural Specifications

Maximum Dam Height	101 m
Dam Crest Length	1090 m

Construction Metrics

Total Earthmoving

18 million m³

Excavation and Earthmoving

Facility Details

Underground Powerhouse Dimensions	30 m x 12 m
Spillway Width	48 m

Material Composition

Dam Construction Type	Clay Core, Rock Fill
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