

Kárahnjúkar Hydroelectric Project

Power Station in Fljótsdalur

Description:

Construction of the underground powerstation, including rock blasting and excavation, concrete works, tunneling, vertical pressure pipes and finishing.

Key quantities:

Tunneling	3,1 km
Pressure pipes, 2 pcs: Diameter 4 m Length	410 m
Rock blasting	300.000 m ³
Concrete	60.000 m ³

The Kárahnjúkar Hydroelectric Project will after completion have 690 MW nominal power and 4.600 gwh of energy per year. The power plant has 6 vertical axle 115 MW Francis turbines.

Client:

Landsvirkjun

Period:

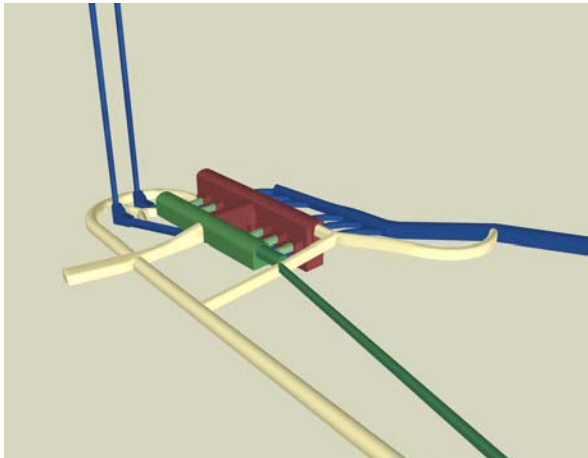
2003 - 2007

Engineers:

VST	Structural
Ráffekning	Electrical
Elektrowatt	
Harza	

ÍSTAK's services:

Main Contractor in Joint venture with Pihl, IAV and Hochtief.



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