

Hydro Power Plant

Qorlortorsuaq, Greenland

Description:

The design and construction of a geothermal power plant and the design and construction of a high voltage line to the towns Qaqortoq and Narsaq. The contract includes the management of the power plant for five years after launching.

Key quantities:

Power of power plant: 7 MW
Concrete dam: 800 m²
Tunnel length: 245 m
Pressure pipe: 240 m
High voltage line: 70 km

Client:

Greenland Energy Authority

Period:

Dec. 2003 – Oct. 2007

Architects:

ARKÍS Constructions
Landark Environment

Engineers:

VST Structural, Utilities
Linuhönnun High voltage line.
Rafteikning Electrical

ISTAK's services:

A turn key project with Pihl & Søn,
Landsvirkjun and YIT



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