



Limberg II pumped storage power plant

Data and facts

Company	PORR Tunnelbau GmbH in a consortium
Type	Power plant construction and plant engineering, Tunneling
Runtime	03.2006 - 10.2011
Principal	VERBUND – Austrian Hydro Power

[Project report online](#)

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Even more power for Kaprun power plant.

A 62m long, 25m wide and 43m high cavern was created inside the mountain for both machine sets – for this, a break-out of a total of 57,000m³ of rock occurred. Three chord lattice arches, three-layer reinforced sprayed concrete with 35cm thickness and a norm anchoring from 6m long SN, short for Store-Norfors, and 15m long long-term single rod anchors serve as break-out preventers. In the Mooserboden Reservoir, an inlet or outlet construction separates the two existing dams at around 2,000m above sea level.

The main challenge in this project arises from its very extensive and dense construction program. In particular, the large number of attack points, that lay partly in the high alpine area, put enormous demands on site planning and logistics.

Impressions



Image notes

1

Limberg pumped storage power plant.

The Wasserfallboden Reservoir with the Limberg Dam in the background

2

Limberg pumped storage power plant.

At low water level, the building structure is visible above the Limberg Dam.

3

Limberg pumped storage power plant.

Mooserboden Reservoir: View from the Mooser Dam to the Drossen Dam

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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