



# Gurtellen - Switzerland

## Gurtellen power station finishing works

### Data and facts

Company	PORR SUISSE AG in consortium
Type	Rock technology
Runtime	10.2015 - 10.2017
Principal	Elektrizitätswerk Altdorf AG

[Project report online](#)

[www.porr-group.com](http://www.porr-group.com)





# 1,748m pressure line over a 600m variation in altitude.

In order to transport construction materials to the site at more than 1,300m above sea level, PORR constructed its own supply cableway with a load rating of up to 5 tonnes. Before the necessary excavation, blasting and concreting works for the 1,748m-long pressure line between the water catchment and the power station could be carried out, the power station facilities and the existing pressure line had to be dismantled. Only then could the up to 6m-deep excavation and concreting works for the new turbines be carried out.

## Impressions



## Image notes

1

Logistical challenge.

Enormous logistical efforts were required in order to access the construction site and deliver materials.

2

High demands of man and machine.

Works on the hillside could be carried out only with the help of special equipment.

The replacement of the pressure pipe is the basis for the upgrade of the Gurtnellen power station.

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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