

# Power generation equipment container in Zurich Switzerland





## Overview

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What role does hydropower play in Switzerland's energy production?

Hydropower plays a major role in Switzerland's energy production, with a share of 57.6%. In addition, storage plants are an important factor for power production at short notice and for the changeover of production from summer to winter.

What is a pumped storage power plant?

Pumped storage power plants can store electricity at times when electrical energy is abundantly available. When demand peaks are high, they can supply electricity by turbining the pumped up water. For this reason, a pumped storage plant is also referred to as a peak energy plant.

Does Switzerland have a hydropower plant?

In a European comparison, Switzerland is no. 4 in terms of contribution of hydropower towards electricity production, behind Norway, Austria and Iceland. There are currently (12-31-2023) 705 hydropower power plants in Switzerland that have a capacity of at least 300 kilowatts (generator).

How profitable is a pumped storage power plant?

The profitability of a pumped storage power plant results primarily from power market price variabilities at different points in time. The Limmern pumped storage plant (LPSP) is one of Axpo's most important expansion projects in recent years with investments amounting to CHF 2.1 billion.



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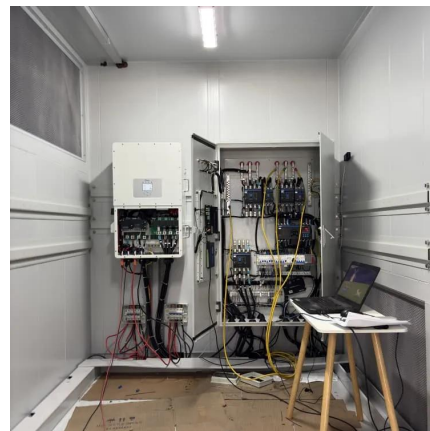


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