

Press release

23,467 TWh of electricity produced by Swiss nuclear power stations in 2023

Producing around 23,467 TWh of electricity in 2023, Swiss nuclear power stations have once again proved to be a reliable pillar in energy provision. Thanks to extensive investment and modernisation, the power stations will continue to make a decisive contribution to safeguarding the country’s power supply in the future.

Olten, 23.02.2024 – Last year, Swiss nuclear power stations were once again characterised by high availability and safe, reliable electricity production. The reactors at the nuclear power stations of Beznau (KKB), Gösgen (KKG) and Leibstadt (KKL) were in continuous operation apart from the scheduled annual outage periods in the summer. The availability of the power stations was correspondingly high, which is reflected in the production figures:

	KKB-1	KKB-2	KKG	KKL
Time availability	95.6%	89.3%	92%	91.5%
Net GWh	2,937 GWh	2,804 GWh	8,049 GWh	9,677 GWh

After setting a new production record in 2022, in 2023 KKL reached its third highest production level since the start of continuous operation in 1984. Last year, the power station located on the Rhine produced a quantity of electricity equivalent to the consumption of around 2 million households per year.

Reliable long-term operation thanks to modernisation

KKL celebrates its 40th birthday in 2024. This means that Switzerland’s newest nuclear power station is also entering long-term operation – which is of central importance for the security of supply and for the country’s economic development. Modernisation is essential to ensure that Swiss nuclear power stations continue to produce electricity safely, reliably and with low emissions in the future. The operators take this task seriously.

- Since the two reactors in Beznau were commissioned, more than CHF 2.5 billion has been spent on modernising the power station.
- KKG will be investing around CHF 700 million in refurbishments up to 2029.
- The operators of KKL will be spending around CHF 1 billion on further modernisation projects over the next 10 years.

Further information is available from swissnuclear communication, medien@swissnuclear.ch.

swissnuclear is the association of Swiss nuclear power station operators (Axpo Power AG, BKW Energie AG, Kernkraftwerk Leibstadt AG and Kernkraftwerk Gösgen-Däniken AG) and represents their joint interests. The member companies are mostly owned by the public sector and account for around one third of domestic electricity production. swissnuclear supports Swiss nuclear facilities in safe and sustainable operation and in the further phases of the life cycle and is committed to optimising overall conditions, internally and externally. The association also promotes objective dialogue on nuclear energy in the industry as well as in society and coordinates activities across various power stations.