

## Media Release

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# Axpo and CKW expanding battery storage business

**Together Axpo Grids and CKW offer comprehensive large-scale battery solutions including planning, installation and energy market integration. A battery storage system with a capacity of 2 MW will now be realised at Elektrizitätswerk Jona-Rapperswil AG (EWJR) in cooperation with Axpo Grids and CKW. The installation will contribute to grid stability.**

Power grid fluctuations are on the rise with the increase of volatile renewable energies. More control energy is needed to balance out grid instabilities. Battery storage systems are one way to provide this control energy. Battery storage systems are advantageous in that they can store surplus energy in a matter of seconds and make it available as needed. With the expansion of renewable energies, they contribute to grid stability.

Together with its subsidiary CKW, Axpo offers complete battery storage solutions for energy suppliers and industrial companies. With Elektrizitätswerk Jona-Rapperswil AG as their first joint customer, an important step has been achieved in expanding this new business field. Axpo Grids has concluded a 10-year contract for regular maintenance and on-call service. The subsidiary CKW will take over management of the battery storage system in collaboration with SN Energie AG and ensure connection to the energy and control energy markets.

### Twice the know-how

The customer benefits financially from profitable integration into energy trading markets and connection to the CKW control pool that comprises production facilities, consumers and other decentralised storage systems. Thanks to the optimisation algorithm developed by CKW, the battery is maintained at an optimal charge level and can be used simultaneously as needed to balance out load peaks. The combined know-how reduces costs and optimises security of supply, which is in turn advantageous for the end customer.

Axpo's and CKW's comprehensive offering including permits, maintenance, guarantees and connection to the energy and control energy markets fully convinced the customer: Michael Bätcher, CEO of EWJR: "With Axpo Grids and CKW as the service provider we benefit from broad, sound know-how in the area of renewable energies and power trading."

The battery storage system will be delivered in Jona today. The battery storage system consists of two containers, each 12 metres long, and with a total weight of 67 tonnes. Axpo Grids and CKW are planning to launch more battery storage projects, in and outside Switzerland.

**About Axpo:** About Axpo: The Axpo Group produces, trades and distributes energy reliably for over 3 million people and several thousand companies in Switzerland and in over 30 countries throughout Europe. Around 4500 employees combine the expertise from 100 years of climate-friendly power production with innovative strength for a sustainable energy future. Axpo is an international leader in energy trading and in the development of tailor-made energy solutions for its customers.

**About CKW:** The CKW Group is a service provider for energy, data and infrastructure in Central Switzerland. The company has been supplying its over 200,000 end customers in the cantons of Lucerne Schwyz and Uri with power for over 125 years. CKW operates the largest control energy pool in Switzer-

land with a pre-qualified capacity of over 1000 MW. The company also offers innovative products and services in the area of connectivity and IT infrastructure, electrical and lighting systems, energy technology, IT and communications, as well as security. The CKW Group has over 1,800 employees. With 300 apprentices in 14 occupations, the company is the largest private sector vocational training provider in Central Switzerland.

In financial year 2017/18, CKW generated revenues of CHF 917.2 million. Axpo Holding AG is a majority shareholder of CKW and holds 81% of the shares. The stocks are traded on the Zurich Cantonal Bank trading platform "eKMU-X".

More information under [www.ckw.ch](http://www.ckw.ch)

**Additional information**

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