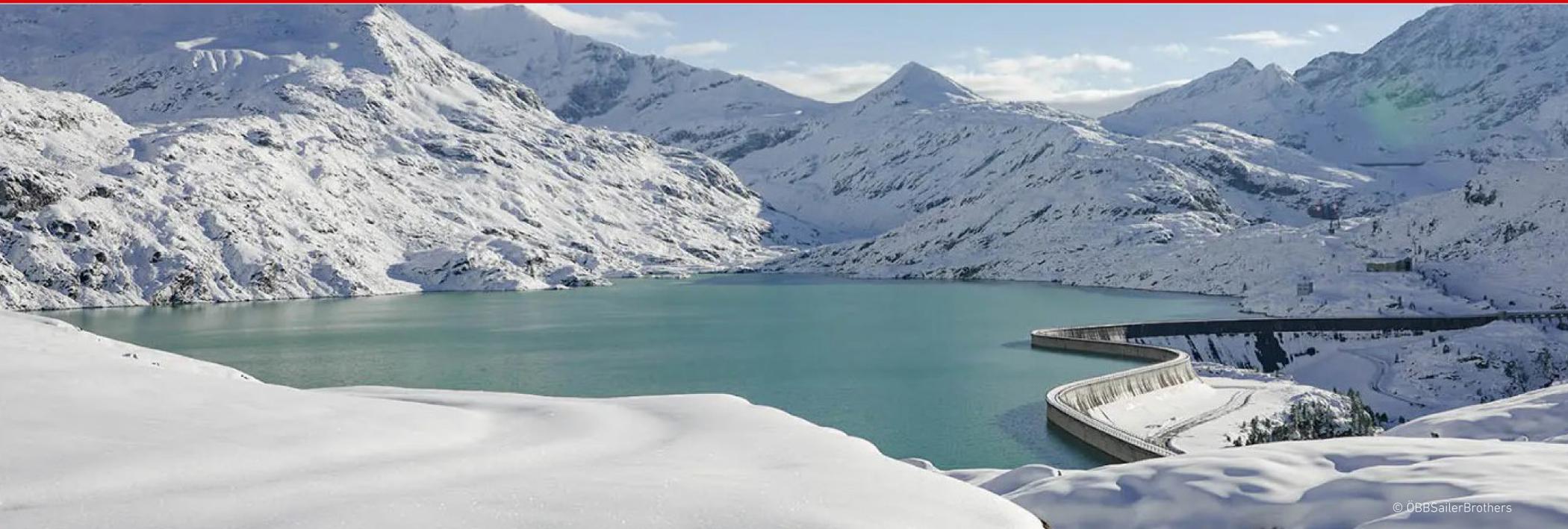


OBJECT OF THE MONTH



POWER PLANT TAUERNMOOS

Electricity from hydropower ensures environmentally friendly mobility. With the expansion of the power plant group around the Tauernmoos pumped storage power plant, efficient generation of environmentally friendly traction current for sustainable and environmentally friendly mobility is also guaranteed in the future.

100% green electricity from hydropower

In contrast to conventional storage power plants, the new Tauernmoos pumped storage power plant allows large amounts of energy to be stored cost-effectively. This means that power peaks in the railway power grid can be covered even better.

Fire protection and safety are top priorities when tunnelling the power plant, especially at low altitudes. For this reason, system-tested, classified and CE-marked PICHLER smoke extraction ducts with a rectangular cross-section for use in smoke and heat extraction systems, TRVB 125 S:2015, were used. As part of the component testing by the accredited testing and monitoring centre MPA NRW and IBS/ISC Linz, the requirements with regard to room closure, smoke tightness, mechanical dimensional stability, maintenance of the cross-section and suitable fastening were verified.

DATA & FACTS

Location:	Stubachtal
Completion:	2024
Type of building:	power plant
Builder:	ÖBB-Infrastruktur AG
Building technology:	Dietrich Luft und Klima, GmbH
Products:	smoke extraction ducts

Product groups:

FIRE
PROTECTION
SMOKE AND
HEAT
CONTROL

