

NORWAY

STORÅSELVA

**On track**

As the first plant in the country to be built according to the international environmental standard CEEQUAL, the small hydropower plant Storåselva in mid-Norway is very important. The customer Nord-Trøndelag Elektrisitetsverk AS (NTE) is an energy utility company that is owned by North Trøndelag County Council. Its core business is the production and distribution of electric energy and they are one of the leaders in the development of wind technology along Norway's coast.

ANDRITZ Hydro received an order for a "from water-to-wire" package for the Storåselva hydropower plant in December 2015. The scope of supply comprises three 8.85 MW horizontal Francis generating units, which were manufactured by ANDRITZ Hydro Germany. ANDRITZ Hydro Norway is responsible for automation and control, as well as the electrical power systems.

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To date the work for HPP Storåselva is on track – ANDRITZ Hydro is ahead of schedule. NTE Energy is satisfied with ANDRITZ Hydro and is looking forward to the successful completion and commissioning of the plant.

HPP Storåselva will provide 75 GWh of clean and renewable energy per year to the Norwegian grid. This corresponds to about 2% of NTE's annual output of green energy and the electricity consumption of about 4,000 households.

Technical data:

Total output:	26.55 MW
Scope:	3 × 8.85 MW
Head:	122 m
Voltage:	6.6 kV
Speed:	600 rpm
Runner diameter:	1,037 mm
Av. annual production:	75 GWh

AUSTRIA

TRAUNLEITEN

Bulb turbines for more power

Traunleiten, an existing hydropower station in Austria will be replaced by a complete new construction during the next two years. The owner, Wels Strom GmbH, is starting the largest project in its history with this project, located in a suburb of the city of Wels. The project is targeting an 80% increase in power output with a hydroelectric power production of 91 GWh annually.

ANDRITZ Hydro Germany was awarded a contract for the delivery of the two Compact Bulb Turbines and a substantial package

of auxiliaries including the hydraulic power units, and cooling system. The two synchronous Bulb generators will be manufactured at ANDRITZ Hydro's own workshop. Installation at site and the supervision of commissioning complete the contractual scope of supply.

After completion in November 2019, the order for HPP Traunleiten will be another important reference for ANDRITZ Hydro in Austria.

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**Technical data:**

Total output:	17.5 MW
Scope:	2 × 8.75 MW
Head:	15 m
Voltage:	10.5 kV
Speed:	200 rpm
Runner diameter:	3,100 mm
Av. annual production:	91 GWh