

La Muela II Hydroelectric Power Plant

POWER GENERATION PROJECT

La Muela is the largest hydroelectric pumped storage plant in operation in Europe located on the right bank of the River Júcar in the Municipal Terminus of Cortes de Pallás, in Valencia (Spain).

The extension La Muela II is an underground facility near the central that features four groups of reversible turbines with a total capacity of 712 MWh in pumping and of 852 MWh in turbines. The project utilizes the Jucar River as the lower reservoir and an artificial upper reservoir.

In total, La Muela I and II are able to generate more than 2,000 MWh. The project was expected to operate at a full installed capacity by the end of 2013.

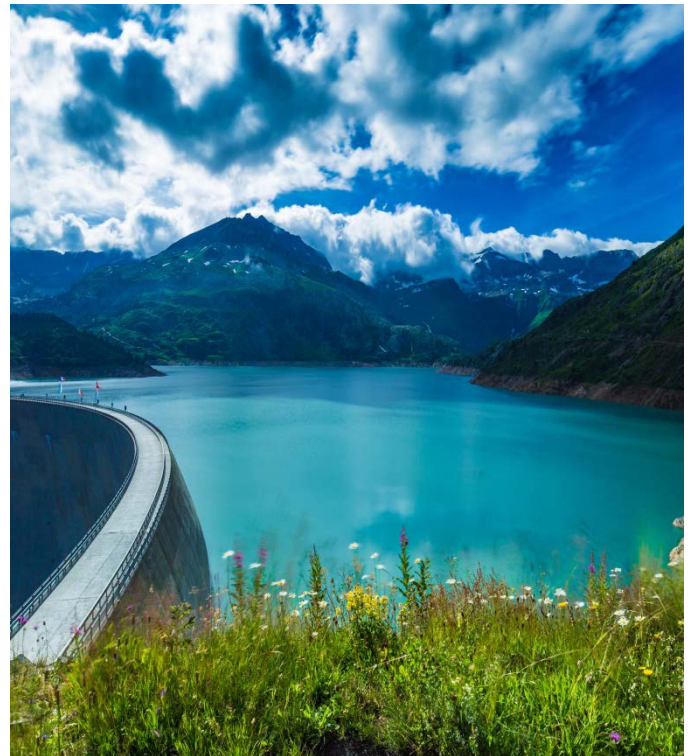
Technical characteristics:

SDCEM provided generator phase-reversal and generator braking disconnectors with electrical operating mechanisms. SDCEM's products are designed to ensure the max rated current required in a pumped storage stations (24kv/125000A).

SDCEM scope of supply :

Disconnectors cubicles:

- 4 Indoor Phase Reversal Coaxial sliding disconnectors SC1000 (5 poles)
- 4 Indoor Braking Vertical Break disconnectors SB250FB



Key data

Location	Spain
Industry	Power Generation
Delivery date	2010 - 2011
Rated voltage	24 kV
Owner	IBERDROLA
EPC	ALSTOM POWER Systems
Commissioning date	2013