Alstom in Austria

References and Ongoing Projects

Alstom’s Presence

KEY DATA

- 90 employees in Austria (56% Renewable Power, 34% Grid, 5% Thermal Power, 5% Transport)
- The headquarter of Alstom in Austria is Vienna. A subsidiary is located in Pasching near Linz (Grid)

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References and Ongoing Projects

History

1910: Beginning of the Alstom location with the foundation of the Austrian company Brown Boveri-Werke AG

1988: Merger of BBC and Asea into ABB

1999: Consolidation of the power generation activities of Alstom and ABB into ABB Alstom Power AG

2000: Sale of ABB’s part to Alstom and formation of Alstom Power Austria

2010: Incorporation of the transport as well as the grid business and renaming to ALSTOM Austria GmbH

2013: Establish the company ALSTOM Renewable Austria GmbH in addition to ALSTOM Austria GmbH

Awards and Certification


Renewable Power

Renewable Power - Hydro:

Alstom Austria is one of the big players in hydro business. Alstom has a leading supplier position in all major hydro power plants.

References:
- Hydro Power Plant Sölk (Refurbishment of 1 generator stator 70 MVA and the pole coils)
- Pumped Storage Power Plant Kops (3 x 150 MW, stator and all bearings)
- Pumped Storage Power Plant Feldsee 1 + 2 (2 x 70 MW, motor generator)
- Hydro Power Plant Kaunertal (Refurbishment of 3 generator stators)
- Hydro Power Plant Edling (Refurbishment of 2 generator stators)
- Hydro Power Plant Zirknitz (Refurbishment of 1 generator stator)
- Hydro Power Plant Dolna Arda Cascade, Bulgaria (control system and BoP for 12 Units)
- Pumped Storage Power Plant Koralpe (50 MW, motor generator)
- Pumped Storage Power Plant Limberg II (2 x 240 MW, spherical valves, isolated phase busbar)
- Run-of-River Power Plant Jochenstein (4 x 32 MW, generator stators)
- Hydro Power Plant Ermenek, Turkey (control system, BoP and generator parts)
- Seyhan-group, 3 Hydro Power Plants, Turkey (control system)
- Hydro Power Plant Gralla (Refurbishment of 2 Kaplan Turbines)
- Hydro Power Plant Kreuzeck (Refurbishment of 1 generator stator and the pole coils)
- Hydro Power Plant Ybbs (Refurbishment of electric protection system)
- Hydro Power Plant Wallsee (Refurbishment of electric protection system)
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References and Ongoing Projects

**Ongoing Projects:**

- Hydro Power Plant Obervermuntwerk II, 2x 180 MW new generators
- Hydro Power Plant Dagachhu, Bhutan (generator, control system and BoP)
- Hydro Power Plant Kaprun Hauptstufe (Refurbishment of 2 generators 100MVA)
- Hydro Power Plant Schneiderau (Refurbishment of 1 Pelton turbine runner)
- Hydro Power Plant Abwinden (Refurbishment of electric protection system)
- Hydro Power Plant Weinzödl (Refurbishment of electric protection system)

**Thermal Power**

Service unit for various activities (steam and gas turbines, boilers and flue gas cleaning systems).

**References:**

- Combined-Cycle Heat and Power Plant Salzburg Mitte (100 MW, gas turbine, boilers and BoP)
- Waste-to-energy Plant Pfaffnau (grate, boilers, electrostatic precipitators, BoP)
- Power Plant Theiss 2000 (HRSG, modification power boiler, flue gas cleaning systems)
- Power Plant Korneuburg B: gas turbine upgrade
- VOEST Blower Station: Main overhaul of existing boiler

**Ongoing Projects:**

- Several service activities including gas turbines, steam turbines, boilers and flue gas cleaning systems

**Transport**

Transport business in Austria as of 1 April 2010.

**Ongoing Projects:** ECTS level 2 on board equipment in all 449 vehicles of RS fleet of OBB (Austrian Railroads)

**Grid**

Business division serving the transmission market - 52 kV and above (AIS, GIS incl. automation, protection and service).

**References and ongoing Projects:**

- 4 x 110 kV, 1 x 220 kV GIS switchyard in Vienna, Innsbruck, Mürzzuschlag andVerbund VHP
- 5 x 110/220/380 kV AIS switchyard in Lower Austria/EVN and Verbund APG
- Several frame agreements for:
  - HV circuit breakers, disconnectors and instrumental transformers
  - 110/220/380 kV line protection for substations, wind parks and power plants