Alstom in Venezuela

Over 30 years of contribution to the energy, transmission and transport markets

Alstom’s Presence

- Torre Orinoco, Caracas: Alstom’s headquarters in Venezuela. Engineering and Project offices in the areas of power generation, transmission and rail infrastructure.
- Los Teques: Rolling stock and rail infrastructure
- Planta Centro: Thermal services at client’s installations
- La Vueltosa: Turnkey hydro plant
- Guri: Hydro generators and turbines retrofits. Fourth largest hydro plant in the world.

Over 180 employees
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History

1974: ATA-Cegelec is present in transmission and automation market

1978: GEC Alsthom Transport is incorporated in Venezuela and joins the Consortium FRAMECA, who signs the first contract of Metro de Caracas. Ever since Alstom has supplied more than 600 Metro cars and of these had serviced 400, built 54 Km of lines and equipped more than 40 stations

1981: Cogelex Alstom breakthrough into the first Venezuelan Very High Voltage Main Transmission System 800 KV

1981: GEC Alsthom T&D install CADAFe transformers

1983: Alstom is selected to build Planta Centro; the largest steam power plant in Latin America 2000 MW

1994: GEC Alsthom International is founded

1997: Alstom acquires AEG in Venezuela to better service the T&D market

1996: GEC Alstom International signs the first direct renovation contract with Metro de Caracas

1998: Change of name to Alstom Venezuela S.A.

2000: Alstom acquires ABB, creating ABB Alstom Power

2000: Alstom awarded Boilers Gas Conversion of Planta Centro against original manufacturer Hitachi

2002: Alstom starts the first modernizations of hydro power plants in West Venezuela, followed by several contracts at Guri 10 GW hydro power plant in 2007.

2003: Contract signature La Vueltosa Fabricio Ojeda turnkey hydroelectric plant (2x257 MW)

2010: Alstom starts servicing several Siemens and GE large gas turbines at PDVSA and CORPOELEC

2010: Alstom acquires the transmission activities of Areva T&D, forming the new Alstom Grid sector

2011: Alstom leads the consortium GDE that supply of 132 metro cars and 12 Km infrastructure for 6 stations of Metro Los Teques Line 2.

Partnerships

Alstom served as leader of FRAMECA Consortium that built Metro de Caracas and Line 1 of Metro Los Teques. The company also leads the Consortium that actually equips Metro Los Teques Line 2.

Corporate Social Responsibility

La Vueltosa social co-responsibility program: support community initiatives in the areas of health, ecotourism, environmental education and infrastructure among others, in the communities around La Vueltosa project. This voluntary contribution is pioneer in Venezuela, setting a precedent that was later incorporated into procurement policies in other areas.

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Awards and Certification

- ISO 9001
- IV Congress of Electrical Engineers (IEEE)
- High Voltage Equipment Commissioning
- Oldest GT in service worldwide Pertigalete

Power - References and On-going Projects

References:

1947: First Alstom (former Brown Broveri) gas turbines in service in Venezuela
2002: Modernization of two hydro power plants in West Venezuela, San Agatón (2x175 MW) and Planta Páez (4x60 MW)
2003: Turnkey construction of La Vueltosa Fabricio Ojeda hydro power plant (2x257 MW)
2004-2006: Modernization of Planta Centro including Gas Conversion (1600 MW)
2005-2008: Several modernization contracts at Simon Bolivar Guri Hydro power plant (10 GW), e.g. 4 runners x 400 MW each, 6 generators x 700 MW each and overhead cranes
2008: Support to operation and maintenance of air quality control equipment at CVG Ferrominera Orinoco
2010: Alstom starts servicing several Siemens and GE large gas turbines at PDVSA and CORPOELEC

Ongoing projects:
2013-2014: Modernization of 2 runners x 400 MW each, 2 generators x 700 MW each

Grid - References and Ongoing Projects

References:

1981: Very High Voltage Main Transmission System 765 KV
2009-2012: Falcon Sub transmission System 115kV
2011: San Diego de Cabrutica PP Transmission System 230kV
2011: Cross Country High Voltage Equipment Supply 400, 230, 115kV

Ongoing projects:
2013 – 2015: Several Substations for Oil & Gas Production Development
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Transport - References and Ongoing Projects

References:
1983-1989: Construction of Metro de Caracas Line 1
2002-2006: Construction of Metro de Caracas Line 4
2006-2008: Construction of Metro Los Teques Line 1
2007-2009: Modernization of Trains Metro de Caracas Lines 1 and 2

Ongoing projects:
2011-2015: Construction of Metro Los Teques Line 2 consisting of 132 cars, 12 Km and 6 stations under the consortium CLII lead by Odebrecht.