Alstom in Peru

Over 30 years of contribution in Peru

Alstom’s Presence in Peru.

KEY FACTS AND FIGURES

- Over 30 years of contribution to the energy and transport sectors in the country
- 330 M USD in Current projects
- 34 employees
- 150 MUSD – Pedidos Recibidos (2011/2012)
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History

1979: ALSTHOM Atlantique and NEYRPIC sign contract for the execution and commissioning of the Charcani V Hydro Power Plant, of ELECTRO SUR ESTE SA, from the city of Arequipa.

1984: Alstom signs contract with EGEMSA for additional installation of 3 Pelton Turbines (69 MW) for the Machu Picchu Hydro Power Plant.


1998: Signature of contract for the construction of the Malacas Thermal Power Plant (100MW – 1 X GT11N1M)

1999: Alstom signs the Contract for the Construction and Assembly of the Yuncan Hydro Power Plant (Lot T-4)

2002: Alstom signs contract with Sindicato Energético S.A. for the Construction of the Poechos Hydro Power Plant.

2002: Alstom Perú signs contract for the manufacturing of nine (09) Kaplan Turbines for the Iroquois Falls Power Plant.

2003: Alstom Perú signs contract with Electroandes S.A. for the manufacture, supply, sales and/or delivery of four water valves of the butterfly type.

2011: Alstom Brazil signs with Xstrata Copper the contract for the Design, Supply, Construction, Assembly, tests and commissioning of the 15 MVAR SVC Compensation System to be installed at 4.500 m.s.n.m. in the Antapaccay Substation


2011: Alstom Perú S.A. and Alstom Brasil Ltda. sign contract with the Chaglla Consortium for the supply of all electromechanical equipment for the Chaglla Power Plant.


2012: Alstom Brasil Energia e Transporte Ltda and Alstom Peru sign three contracts with EGESG for the rehabilitation of San Gabán Power Plant.

2012: Alstom signs contract with GYM Ferrovias S.A. for the maintenance for Line 1 of the Lima Metro.

2012: Alstom signs contract with Red Eléctrica del Perú S.A. for the construction of the Substations Ayaviri and Puno

2013: Alstom signs contract with Red Eléctrica del Perú S.A. for the construction of the Substations Piura and Pariñas

2013: Alstom signs contract with Red Eléctrica del Perú S.A. for the construction of the Substations Trujillo and Reque

Renewable Power – References and Ongoing Projects

References

- **Charcani V Hydro Power Plant**: 153MW, supply of three vertical Pelton turbines of 51 MW each and associated generators.

- **Yuncán Hydro Power Plant**: (2005), 137MW

- **Macchu Picchu Hydro Power Plant**: (1984) 69MW, 3 Pelton Turbines

- **San Gabán Hydro Power Plant**: Rehabilitation services on generators 1 and 2

Ongoing projects

- **Chaglla Hydro Power Plant**: Supply of Hydro and Electromechanical Equipment, spare parts and services for the Chaglla Power Plant (Huánuco), comprising two (02) generation units with total power of 450MW.

- **Huánuco Small Hydro Power Plant**: Supply of Electromechanical equipment for the implementation of a small Hydro Power Plant – SHP – of 6 MW of power (Huánuco).

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Thermal Power – References and Ongoing Projects

References - Ongoing Projects

- **Termoselva SRL**: Supply of parts and reconditioning services for the 2 GT11N1MC units of the Aguaytía thermal power plant.
- **Empresa Eléctrica de Piura**: Supply of parts, reconditioning service and technical staff (supervision) for the inspections for the GT11N1MC unit of the Malacas thermal power plant.

Grid – References and Ongoing Projects

References - Ongoing Projects

- **Xstrata Copper**: Design, Supply, Construction, Assembly, tests and commissioning of the SVC Compensation System of 15MVAR to be installed at 4,500 m.s.n.m. at the Antapaccay Substation.
- **Southern Peru**: Design, Supply, Construction, Assembly, tests and commissioning of two GIS Cells for a 138KV system with 220KV insulation
- **Red de Energía del Peru**: Design, Supply, Construction, Assembly, Integration to existing Substation, tests and commissioning of the Puno and Ayaviri, 220 KV Substations.
- **Red Eléctrica del Perú S.A.** EPC contract for the construction of the Substations Piura and Pariñas in 220 KV
- **Red Eléctrica del Perú S.A.** EPC contract for the construction of the Substations Trujillo and Reque in 220 KV

Transport – References and Ongoing Projects

Ongoing Projects

- **Line 1 of Lima’s Metro**: Supply of Rolling Stock for Line 1 of Lima’s Metro, comprising nineteen (19) Mc-M-R-M-Mc units with extreme cabins, 1500 VCC of catenary voltage and continuous train composition.
- **Line 1: Maintenance equipment**: Supply and erection supervision of maintenance equipment for Line 1.
- **Line 1: Service Agreement** with GyM Ferrovias to provide maintenance services for Rolling Stock