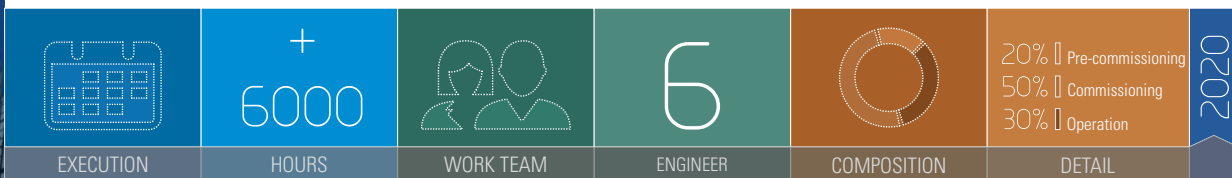


PRE-COMMISSIONING, COMMISSIONING, OPERATION and MAINTENANCE

GENELBA Thermoelectric Power Plant | Techint | Pampa Energía

ENVIRONMENT

CTGEBA is located in Marcos Paz, Buenos Aires. The plant began its operation in 1999 and consists of a combined cycle of 674 MW of installed power, composed of two gas turbines of 219 MW each and a steam turbine of 236 MW. On the same premises, a gas turbine called Genelba Plus with 169 MW of installed power is placed, and its business operation began in 2009 and is currently expanding. The total installed capacity of the CTGEBA complex is 843 MW and represents 2.2% of the total installed capacity of Argentina.



PROJECT DESCRIPTION

CTGEBA is located in a strategic place, as it is only one kilometer away from the Ezeiza transformer station, a reference node for the "Mercado Eléctrico Mayorista" (Wholesale Electricity Market) for supplying energy to the highest demand in the country. The 375 MW expansion project through a new gas turbine and closing of the combined cycle will begin its commercial operation in early June with all regulatory steps completed, generating a total of 1247 Mw, positioning itself as one of the largest from the country. As part of the expansion project of the business operation of Genelba Plus, Adetech is assisting Techint in the Supervision of the Operation and Maintenance tasks in the Auxiliary Services plants installed, in the period of Pre-commissioning, Commissioning and Setting up of the Closed Cycle prior to delivery to the final customer.

PLANT IN SERVICE OPERATION

- Supervision and control of operation.
- Monitoring of operational records.
- Surveys of operating inputs (chemicals, lubricants, among others).
- Operation Histogram.
- Databook Presentation.

PLANT MAINTENANCE

- Preparation of a Preventive Maintenance Plan for each of the plants.
- Control and monitoring of maintenance records.
- Maintenance supervision.
- Databook Presentation.

PRECOMMISSIONING / COMMISSIONING

- Assistance in operational tests of equipment and Plant Start-up.
- Preparation of Procedures and Operational Records for each of the Auxiliary Services plants.
- Control and monitoring of operational records during commissioning and operational tests.
- Operational adjustments.



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