

Norte combined cycle plant, Durango (Mexico)



SENER XENERGY / XTHERMAL GENERATION / XCCGT - COMBINED CYCLE GAS TURBINES / MEXICO

*NORTE COMBINED CY-
CLE PLANT, DURANGO
(MEXICO)*

Cliente: Union Fenosa - CFE **Fecha inicio: enero del 2007**

País: Mexico

Fecha fin: enero del 2010

Comisión Federal de Electricidad (CFE) adjudged to the company Unión Fenosa Internacional (UFI) the contract of the 450 Mw combined cycle power plant Norte, in Durango (Mexico). It is an Independent Power Producer (IPP) contract model for 25 years between CFE and UFI.

UFI, as well, contracted the consortium UTE CC Norte, formed by Cobra (75%) and Sener (25%), the EPC (Engineering, Procurement and Construction) the plant construction.

Sener was responsible for basic engineering and detailed engineering and participated in the LSTK.

The power plant includes two Siemens gas turbines (501F), two heat recovery steam generators, one Siemens steam turbine, one air cooled condenser and all the required auxiliary systems.

Additionally, the scope includes the main water pipe, that will be around 38 km long, to feed with raw water the plant.

The power plant has been running since 2010.

- PROJECT Data:
 - Combined Cycle Power Plant 450 MWe, including two (2) SIEMENS (501F), Gas Turbines, SIEMENS Steam Turbine and Air Cooled Condenser.
 - Contract type: EPC.
 - Scope: Basic Engineering, Detail Engineering and participation in the EPC.
 - Partners: COBRA.
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