

San Ignacio Power Plant project carried out to ANSALDO of Brazil, during the years of 1998 to 1999. This Hydroelectrical central is composed with Generator Unit of 35 MV and Elevatory Substation of 13,8/69 kV.

In this Project, ELTMAN has developed the activities that are listed below:

Control and Protection Project for Generator Unit and Substation of 34,5 kV, including the follow activities:

- Workstatement;
- Control Points List;
- Unifiliars, Trifliars, Functionals and Logicals diagrams;
- Protection Adjustment and Configurations;
- Acceptance test in Plant and Commissioning Tests for entire system of Protection and Control.

Electricmechanical Installation project for Power House and Substations, including;

- Power House and Elevatory Substation layouts;
- Electric Equipments installation;
- Telephony Network;
- Soil Loop;
- Electric conductors project;
- Dimensioning of power cables, loaders, batteries and auxiliary services of Power transformers.