

This project was designed to CHESF in the years 2001 - 2002. It has consisted in the improvement of Line 500kV exit to Presidente Dutra, 1 Power auto transformer 500/230 kV of 600 MVA, 1 shunt reactor and 1 circuit breaker in the A span, that not existed.

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

- . Workstatement of Digital System of Mesuarement, Protection, Command, Control and Supervision;
- . Unifiliars, Trifiliars, Functionals and Logicals Diagrams;
- . Existing panels of Protection and Control revision, to adapt them to brand new bays and equipments;
- . Interconnection diagrams and cable lists;
- . Point list Level 1, 2 and 3;
- . Levels 1 and 2 Screens;
- . MHIs Levels 1 and 2 configuration;
- . Protection configuration;
- . Project for panels installation and Optical Fibers Networks;
- . Commissioning;
- . Acceptance tests in field for entire system.