

This project was designed to GE during the years 2000 - 2001.

In this project was implanted a brandnew yard of 500 kV and carried out improvement in yards of 230 kV and 69 kV. In the yard of 500 kV was add 2 lines of 500 kV, with 1 shunt reactor and one Power auto transformer 500/69 kV. In the yard of 69 kV was installed 2 lines of 69 kV, 1 capacitor bank and 1 Power transformer of grounding.

In this project, ELTMAN has developed the follow activities:

- Digital System of Mesuarement, Protection, Control Command and Supervision Workstatement;
- Unifiliars, Trifiliars, functionals and logics diagrams;
- Project for control and protection panels, including: intern and extern vision, connection tables (FROM - TO), materials and labels lists;
- Interconnection diagrams and cable lists;
- Point list of Level 1, 2 and 3;
- Level 1 screen;
- IHMs Level 1 configuration;
- IEDs bays control configuration;
- Adjustment studies and protection configuration;
- Panels installation project and Optical Fiber Networks;
- Acceptance tests in plant;
- Commissioning;
- Acceptance tests in field.