

This project was designed to CONSTRUÇÕES E COMÉRCIO CAMARGO CORREA S.A. in the year 2002. The project consisted in the amplification of UTRE Piratining Substations of 230 kV and 88 kV to connect with 4 Turbo Generators of 160 MAV each.

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

- . Detailed arrangements - floor plan and cuts;
- . Equipments installation in yard;
- . Installation materials lists;
- . Soil loop;
- . Aerial Network;
- . Yard illumination;
- . Stretching calculation for cables;
- . Effort calculation on structures;
- . Metallic structure dimensioning;
- . Interconnection diagrams and cable lists;
- . Complete Civil project;
- . Command house civil project;
- . COS EMAE improvement;
- . Points list for Substation to local IHM, COS EMAE and ONS.
- . Project for Income Measurement System and Energy qualification insurance.
- . Interconnection panels for EGATROL with Substation PLC project.