



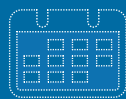
ELECTRICAL AND ELECTRONIC LABOR

ICSA | CENTRAL GENELBA | MARCOS PAZ | BUENOS AIRES

ENVIRONMENT

Industrial Group provides qualified labor services for hardware updating at the GENELBA thermoelectric power plant of PAMPA ENERGÍA, in Cañuelas, Buenos Aires.

It consists of a combined cycle of 674 MW of installed power, made up of two gas turbines of 219 MW each and a steam turbine of 236 MW. A gas turbine called Genelba Plus with an installed power of 169 MW is located on the same site, repowered by 13 MW in June 2019.



EXECUTION

4

WEEKS



WORK TEAM

15

TECHNICIAN



COMPOSITION

25% Labor
75% Materials

DETAIL

2014

PROJECT SCOPE

The scope of the project consists of 5 stages:

1. Detailed survey of analog, digital and communication signals. This is agreed by means of information provided by Siemens, of existing signals, in disuse and new to install.

2. Integral disconnection and removal of cabinets or plates. Once these components are disconnected, each and every one of the signals that intervene in said unit is ordered, rewired or removed, the removed unit is arranged in a specific place under safety standards and procedures established by the customer.

3. Installation of the new units, here we precede by means of equipment indicated to the replacement of the corresponding units, fixations and peripherals with due care, standards and safety techniques.

4. Reconnection of signals, power and communication, the reconnection process was carried out according to the engineering provided by the client.

5. Commissioning of signals, in this last stage in the presence of specialists from Siemens, the correct commissioning of all the signals and plate-cabinets was carried out with a very successful result.

During the entire project, the insertion of new signal conductors was carried out in overhead and underground ducts, technical rooms, confined spaces such as underground interconnection chambers, among others.

It should be noted that the tasks performed were controlled and approved by specialized personnel from ICSA and SIEMENS.

OBJECTIVES OF THE PROJECT

To carry out the tasks assigned in a period of 20 days: to update approximately 50 units of cabinets, cutout boxes and plates as well as the 1,500 meter laying of conductor rails.

