

STANDARD PLATFORM FOR THE ELECTRONIC CONTROLLER RAV 1111-CE

SPECIFIC CASE OF MALPASO AND TEMASCAL POWER PLANTS

Successfully SEPAC finished the provision project and installation of 8 electronic controllers for voltage regulators RAV-1111 which had been installed approximately 15 years ago.

The project involved the 180 MW generators of Units 1.2.3 and 4 of Malpaso Hydroelectric Power Plant and simultaneously the 45 MW generators of Units 1.2.3 and 4 of Temascal Hydroelectric Power Plant

With anticipation to the projected delivery date and at the rate of 2 systems per month, the modifications of the existing excitation systems and the substitution of their electronic controllers were made in a record time.

This project has been one of the most important ones made for CFE in past years regarding modernization of excitation systems. With this project, a better level of voltage regulation in power stations has been achieved in addition to a renovation of reliability of their excitation systems for the next 15 years.



The electronic master controller RAV 1111 CE has been conceived as a standard platform for the modernization of the SEPAC excitation systems which have been installed in the power stations of Mexico, Central America and South America in the last two decades.

With this project, it has been proved that the same platform can be universally applied for small as well as for large generators of any capacity up to 180MW.

We are pleased to offer to our users this equipment that has been made under strict quality standards, designed with highest levels of engineering, and tested under the most rigorous procedures of LAPEM CFE.

The above reasons explain why these RAV 1111 CE have been commercialized by dozens for the past years and are a testimony of confidence in the technology developed by SEPAC and in the assembly, installation, and start up services offered by SERPRO, S.A de C.V,

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