

SEPAC EXCITATION SYSTEMS GO BEYOND THE 2000 VDC BARRIER

CHICOASEN HYDROELECTRIC PLANT - MEXICO



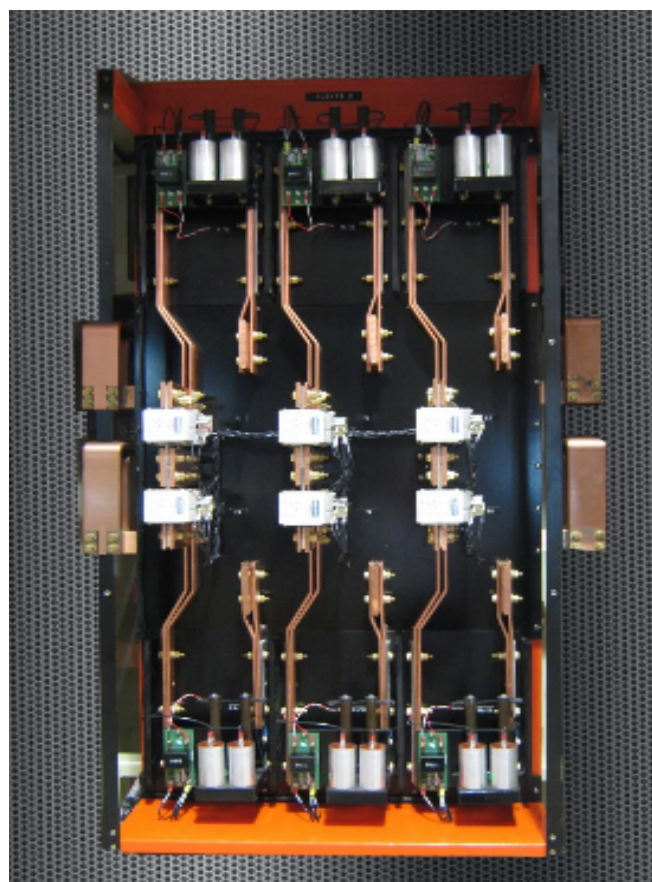
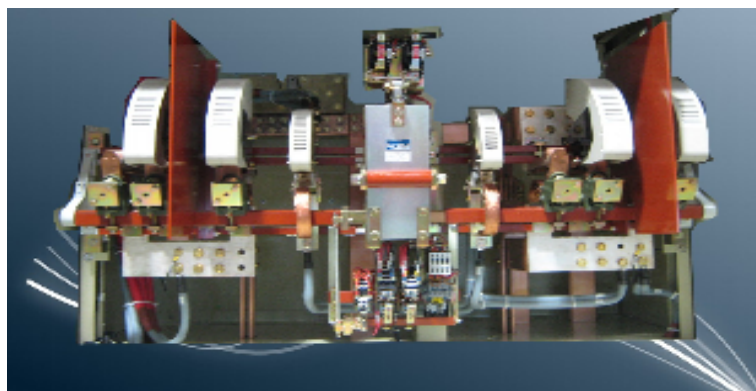
With the satisfaction of having successfully carried out the design, manufacturing and final factory tests of excitation systems with a capacity higher than any other equipment in Mexico, that is 5000 Amps, and with a voltage of up to 2000 VDC, **SEPAC Corp.** delivers the first two automatic voltage regulators for Chicoasen, the largest hydroelectric plant in Mexico.

State-of-the-art technology was used for the electronic controller as well as a proven platform already installed in many functioning equipments in the Federal Commission of Electricity, PEMEX, and the main generation plants in Latin America.

Rectifiers were developed exceeding specifications, controlling a continuous capacity of 5000 Amps with ceiling voltages of maximum excitation reaching 2000 VDC.

With main and discharge poles in a same bar, the DC field breaker is in fact one of the biggest ever produced worldwide for this kind of applications.

The latest implemented design innovations make it the most versatile and functional equipment ever conceived to satisfy final user requirements for this high voltage ratings.



September 2009

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