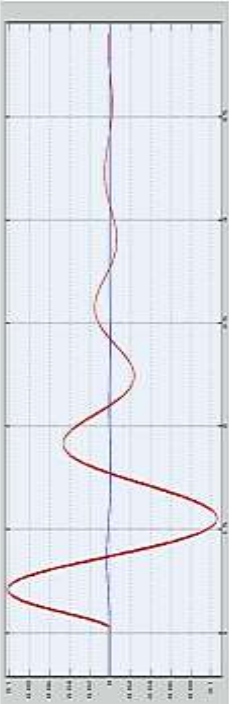


POWER SYSTEMS STABILIZERS



The current energy market demands ever greater quality in the energy produced by power plants, which implies that the production companies look for economic and efficient solutions to meet the stability requirements of their system.

The SEPAC PSS are the solution to solve the problems of oscillatory instability caused by weak transmission lines between interconnected areas, disturbances in the electrical network such as opening or closing of lines or various electrical failures in the network.

SEPAC offers this solution with the implementation of Power Stabilization Systems (PSS) either as an integral part of its Automatic Voltage Regulators or as additional modules to its Regulation Control scheme.

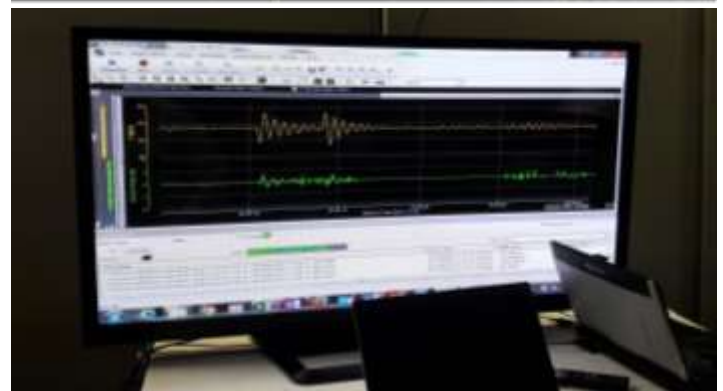
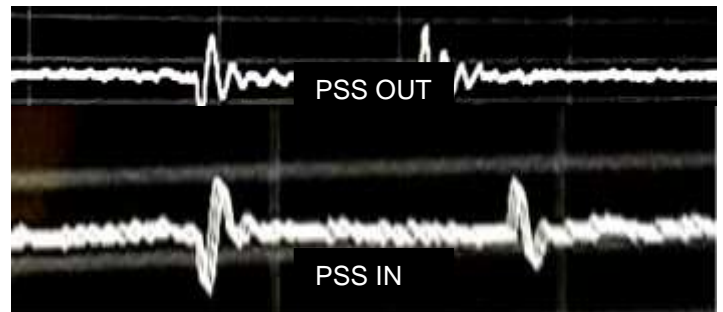
By analyzing the stability of your system using simulation platforms and selecting the PSS model that best suits your plant, the damping of your system will improve markedly.

PSS SEPAC models are based on the IEEE 421.5 standard. and they are adjusted according to the requirements of your plant.

Participation in the Adjustment and Testing Services to the PSS-Multiband SEPAC brand in the C.H. Aguacapa, Guatemala

In May 2017, tests were carried out at the Aguacapa Hydroelectric Power Plant in Guatemala to make improvements in the dynamic performance of the generators, through the multi-band stabilizers integrated in the SEPAC RAV-1111 digital excitation systems installed in said power plant. . The event also included the participation of INDE Guatemalan Generation Company as well as the AMM entity that regulates the wholesale market for the validation of the tests.

These tests would demonstrate the high effectiveness of SEPAC power stabilizing systems in damping the electromechanical oscillations of the generators and thus improving the dynamic performance of the interconnected system.



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