

SEPAC EQUIPMENT IN THE WECC INTERCONNECTION NETWORK



SEPAC equipments installed in the Geothermal Power Plant in Cerro Prieto ,Baja California are of utmost importance to regulate the electrical energy that CFE supplies as part of the international treaty of interconnection with WECC, USA.

Said treaty subscribed by CFE in 2005, sets the operational guidelines and reliability rules regarding the network formed by the Western United States, two provinces of Canada and Baja California Norte, where the Cerro Prieto central is located.

To comply with these international commitments, SEPAC's equipment have been designed according to the NERC requirements as a general rule for all the power plants under the jurisdiction of WECC.

In a specific way, the settings criteria verified through tests made by CFE are oriented to satisfying the recommendations consigned in said treaty's clauses and assessed periodically by WECC.

With the commissioning of the SEPAC excitation system at the second unit of Cerro Prieto II (U7) in May 2013, the total number of units in Cerro Prieto equipped with SEPAC excitation systems are:

CERRO PRIETO I unit 1, CERRO PRIETO I unit 5,

CERRO PRIETO II unit 1, CERRO PRIETO II unit 2,

CERRO PRIETO III unit 2

With an additional excitation system installed since 2004 in TACOMA (USA) , we are very proud to cooperate with this important interconnection network of the United States where the WECC and NERC standards apply as mandatory rules .



MAY 2013

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