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Energy for the Caribbean

In the beginning of February 2010 sera has secured a large order covering the supply of 8 dosing units for a new power plant in Trinidad, which is being built by Ferrostaal for Trinidad Generation Unlimited (TGU).

Feed water conditioning solved optimally

sera has been supplying systems to power plants for decades. This has enabled us to incorporate our vast experience into this large project. Boiler feed water needs to be conditioned with chemicals in order to keep the pH value and water hardness stable. The correct preparation of the solution to be dosed, as well as the correct dosing of the chemicals are critical.

Great store was set in the preparation units of the concentrated chemicals. Ammonia water and trisodium phosphate are prepared in the required concentrations with the help of special sera dosing equipment. Six boilers in the plant are conditioned with the chemicals thus ensuring an optimum operation.

Safety is a priority with us

The individually planned systems allow the safe handling of the partly aggressive chemicals and ensure the protection of the environment due to the effective sera safety system.

We supply our system technology ex works ready for an easy connection to the superset control stand. This keeps additional work on site to a minimum.

The project engineers of Ferrostaal were convinced very quickly by the complete compliance with all requirements, the coherent master plan and the excellent cooperation during the tendering stage. They didn't hesitate to choose **sera** as their reliable partner and system provider in the power plant field.

Power plant will go on line in 2011

Trinidad and Tobago are islands of the Lesser Antilles, forming the Republic of Trinidad and Tobago with a population of 1.3 million people. Trinidad is the most industrialized island in the Caribbean. Besides the petrochemical industry there are a great number of food factories to meet the local needs. The energy requirement has increased dramatically during the past few years –due in no small part to new industrial enterprises.

Phase 2 of the new 765 megawatt power plant (combined cycle operation) is scheduled to go on line in July 2011 to help cover the increasing energy demand of Trinidad for the future.