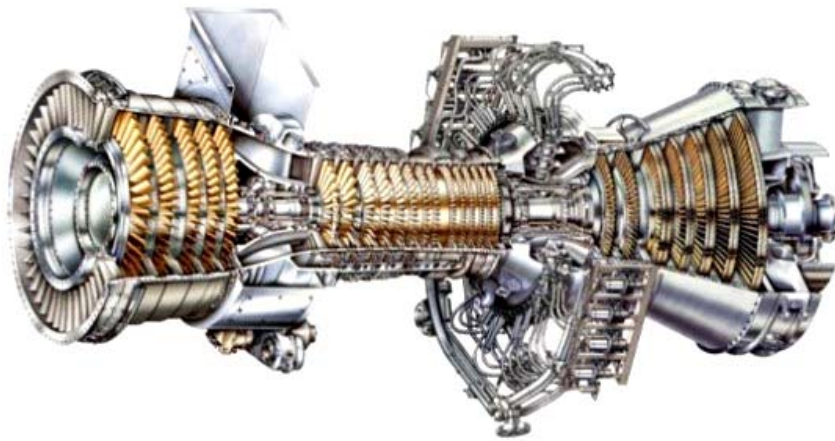


Projects - Machinery - Engineering - Process Automation and Controls

Multiple site Gas Fired Turbo generators



The project consists of several well water treatment system plants to produce ultra-pure water for direct injection in 12 gas fired GE turbines, distributed in several locations



The scarcity of water in the area and the demands of the process require the production of very high quality, the maximizing of water recovery and minimizing of waste.

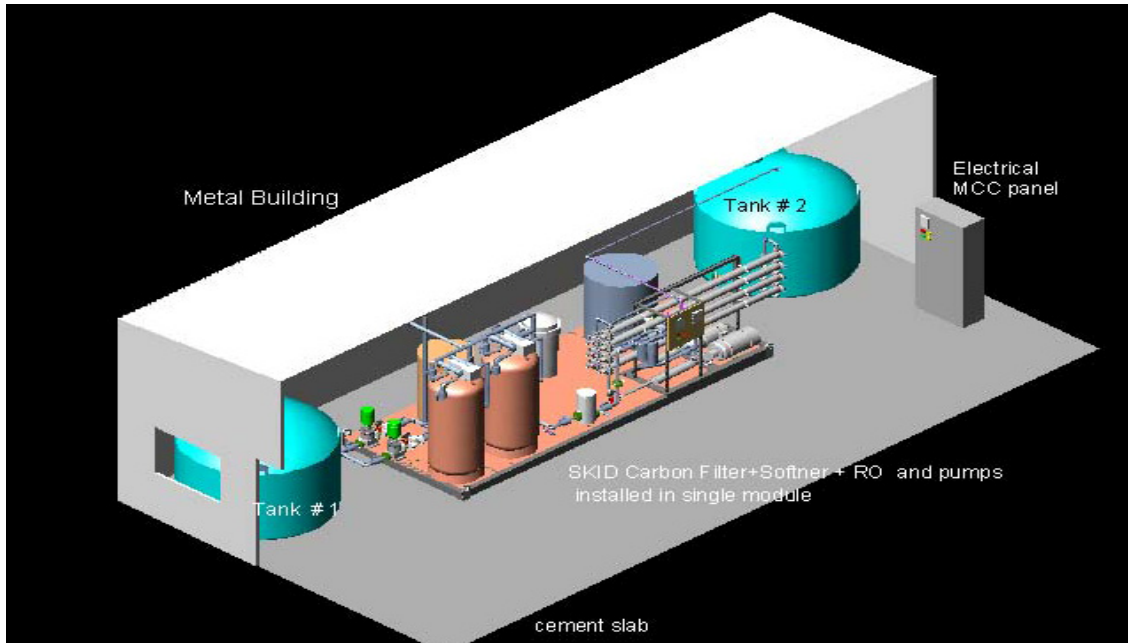
To optimize results, we designed a pre-assembled set of integrated compact modular skids, and a treatment system with resins to remove hardness, followed by a high efficiency two-pass reverse osmosis system, followed by a E-cell EDI electro deionization system. High precision, chemical injection metering pumps are also provided to optimize water quality



Integrated compact modular skids

Projects - Machinery - Engineering - Process Automation and Controls

We also designed and supplied metal buildings to install the water treatment plants



Metal Buildings



GE electro deionization system
To meet the very stringent water quality specifications, we added a third stage of electro-deionization cells to achieve high water purity.



Easy Access HMI Interface The entire system is highly automated with electronic controls and careful selection of best instrumentation for continuous process monitoring and alarm surveillance from a remote control room.