

Grand Bahama Power Company

Power Plant Boiler Feed Water Make-up



Year: 2007

Start-Up Date: 3/2008

Client/Owner: Grand Bahama Power Co.

Engineer: DHT

Location: Freeport, Grand Bahama



Application: Process Water for Boiler Feed

Scope of Work: Containerized pre-filtration, two pass SWRO system and EDI system.

Operation Data: Feed water TDS: 35,000 mg/l,
Permeate TDS: 1.6 mg/l,
Permeate flow: 35 GPM,
System Recovery: 55%,
Product Quality after EDI: 15 Meg Ohm

Capacity: 1 x 50,000 GPD

Project Summary: Complete turnkey system receiving feed water from a beach well. The containerized plant was installed in a short time with very little site work since it was completely commissioned prior to shipment. This is the advantage of this type of packaged system.