



Make up water for power station

Bahrain, 1.200 m³/d

Project Description:

In collaboration with our local partner Lenntech has engineered, manufactured and assembled a turnkey double pass reverse osmosis system with an EDI polishing step in the Kingdom of Bahrain. The demineralised water is being used as make up water for the boiler feed system. The water desalination system is equipped with top brand instrumentation and equipment. The system is completely from European origin and will be delivered with a certificate of origin.

Scope of Work:

- Engineering, manufacturing and assembly
- 2x 100% chemical dosing stations
- 2x 100% 20 micron cartridge filtration
- 2x 100% 5 micron cartridge filtration
- Reverse osmosis pass 1
- Reverse osmosis pass 2
- EDI pass
- Fully automated flush
- CIP station for RO
- CIP station for EDI
- Form 4 motor control center
- Automatic online LSI measurement
- Automatic online SDI measurement
- Redundant PLC w/ SCADA preparation
- Site commissioning

Project duration:

December 2014 to November 2015

Project location:

Kingdom of Bahrain

Product quality:

TDS < 0,1 uS/cm

Project application:

Boiler Feed Water

Typical contract amount:

350.000 – 750.000 EUR



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WATER TREATMENT SOLUTIONS