



Solar powered reverse osmosis

Qatar, 100 m³/d

Project Description:

In collaboration with one of our partners in Europe Lenntech has engineered, manufactured and assembled a solar powered water desalination system for a medium brackish water source in the Kingdom of Qatar. 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
- Containerized system with air conditioning
- Chemical dosing station
- Cartridge filtration
- Reverse osmosis membranes
- Fully automated flush station
- Fully automated CIP station
- Solar panels
- Battery pack for solar panels
- Product water tank
- Site commissioning

Project duration:

February 2015 to May 2015

Project location:

Kingdom of Qatar

Product quality:

TDS < 200 uS/cm

Project application:

Potable water production

Typical contract amount:

150.000 – 450.000 EUR



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