

CCPP Ashkelon, Ashkelon, Israel



On the Mediterranean coast close to the town of Ashkelon the worlds largest desalination plant on reversed osmosis was constructed. The power and steam required for this plant is generated by the CCPP Ashkelon. The Contract was signed in 2003, while it's completion was planned for mid 2005. Due to the absence of, out-of-scope, supply of natural gas the project was completed late 2007.

Client:

- IPP Delek Ashkelon Ltd.

Main Data:

- Gas Turbines: GE LM2500 + HSPT Low NOx
- HRSG's: IST once through with dry run option
- Steam Turbine: Siemens NK 50/90
- Fuel Natural Gas
- Power Output: 83.5 MW @ 52% efficiency

Execution:

- 2003-2005

Services:

- LSTK supply of facilities
- Project Management
- Construction Management and Site Supervision
- Training
- Commissioning
- Guarantee period