

# Shoaiba Oil-Fired Power Plant, Saudi Arabia


[Email Article](#)

[Print](#)


## Key Facts

### Key Data:

First phase project start	1998
Final order year	January 2001
Operation start	Stage I Phase 1 Units 1, 2 & 3 (3 x 390MW, Alstom, 2000) Stage I Phase 1: Units 4 & 5 (2 x 390MW, Alstom, 2002) Stage II Phase 1: 300MW and 50MIGD (Alstom, 2004) Stage II Phase 2: 550MW and 100MIGD (Alstom, 2005) Stage II Phase 3: 900MW and 194 MIGD (IWPP, 2006)
Output	3,700MW
Plant type	CCGT
Location	Shoaiba, Kingdom of Saudi Arabia
Estimated investment	Thought to be about \$5bn
Completion	Unit 4 in mid 2003 and Unit 5 at the end of 2003

### Key Players:

Lead contractor	Consortia led by ABB, Alstom, Doosan, Bechtel and others
Local partner	Saudi Archirodon Ltd
Second phase contractor	Consortium led by Alstom Power
Lead equipment suppliers	Argus Fire, Galassi & Ortolani Monenco Agra, Mott Macdonald, OPS Heating, Weir Pumps
Mechanical installation	Gama Industrial Plants Manufacturing and Erection Corporation
Mechanical installation	Gama Industrial Plants Manufacturing and Erection Corporation
Marine facilities	Triton Engineers
Fuel supplied by	Water and Electricity Company (WEC)

### Plant Details:

Turbine units	2 x 390MW steam turbine generators
Additional equipment	HRSGs and ancillary power generation equipment
Fuel	Fuel crude and residual fuel oil

### Featured Suppliers:

ABB Switzerland - Static Excitation Systems, Automatic Voltage Regulators and Synchronizing Equipment  
 DEKOMTE - Fabric and Metal Expansion Joints and Corrugated Hoses  
 IAC Boët Stopson - Noise Control: Silencers, Acoustic Packages, OEM and EPC Integration  
 STENFLEX - Expansion Joints Technology, Steel and Rubber Expansion Joints, PTFE and Fabric Expansion Joints, Swivel Joints and Industrial Hoses  
 WENDT - Soundproofing and Insulation


[Return to Project](#)