

Our references in Energy and Oil & Gas

Siemens Industrial Turbomachinery AB for Hyundai Engineering Co. Ltd

Musandam Gas Plant (MGP) Project



Oman Oil Company Exploration and Production (OOCEP), has awarded a contract valued at \$480 million to Hyundai Engineering Co Ltd (HEC) for the implementation of a gas processing plant in Musandam Governorate. As part of the Engineering, Procurement and Construction (EPC) contract, HEC will build a gas separation and oil treatment plant that will process hydrocarbons from the Oman's West Bukha field offshore Musandam peninsula.

Siemens Industrial Turbomachinery AB is supplying a total of 3No. SGT-400 Gas Turbine Generator sets, each rated at 8.5MW @ 45°C that will provide the power to the plant.

End Client:	Oman Oil Company Exploration & Production LLC
Site:	Musandam Gas Plant (MGP)
Country:	Musandam Province, Sultanate of Oman
Year of completion:	May 2013

Solution implemented

Gas Turbine Local Equipment Room (LER)

- Actemium ICS is supplying a purpose built Local Equipment Room (LER) and associated Low Voltage Switchgear/MCC's , Generator and Turbine Control Panels, Common Synchronising Panel, MV SWGR and Battery Systems for the 3No. Siemens Gas Turbine Generator sets.
- Main Features of the LER include:
 - Dual Redundant Heating, Ventilation & Air Conditioning System, providing internal pressurization to 50Pa
 - Sophisticated Fire & Gas detection system, utilizing VESDA and Methane Gas detection
 - Electrically operated fire dampers at all HVAC inlets and outlets
 - Segregated Low Voltage, Medium Voltage and Battery Rooms
 - Normal & Emergency Lighting, Power outlets, etc.
 - Fully installed, cabled and tested prior to delivery to site
- Total Value of the Project: £800K

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