

## EARLY PRODUCTION FACILITY

(2009)



### LOCATION

Haradh Gas Plant, Saudi Arabia

### SCOPE

- Turbine power generation
- Control and power distribution module
- Fuel supply and conditioning
- Modified sea container
- Electrical, instrumentation and controls design
- On-site commissioning

### DESIGN

The main objective of this project was to provide electrical power generation through the combustion of raw well site gas.

The natural gas power generation package included a 30kW microturbine with 480V of power distribution, fuel conditioning system, H<sub>2</sub>S and LEL gas detection, fire detection, annunciation, suppression, integrated control system including electrical and instrumentation services. State of the art self-cleaning air filters were designed to effectively prevent the infiltration of harsh elements during the seasonal sand storms.

Tarpon's Integrated Services group, together with Electric & Controls and Power & Leasing divisions, was able to efficiently mobilize the required services to seamlessly execute this fast track project.

