



POWER PLANT INDEPENDENT POWER PRODUCER PIONEERS POWER LIMITED

OWNER

Pioneers Power Limited

LOCATION

Yemen

PRODUCT

Six Taurus™ 60 (5.5 MWe) Gas Turbines

CUSTOMER VALUE

Flared Gas for Grid Power

The Government of Yemen together with Pioneers Power Limited elected to take steps to comply with worldwide flare reduction policies. They found the right solution was to generate electricity using associated gas containing heavy hydrocarbons. A new power plant was completed using six proven Taurus 60 gas turbines. The gas turbines not only complied with the country's strict emissions regulations, but ensured a stable grid connection as well.

Solar® Turbines

A Caterpillar Company

Power Plant - Independent Power Producer



PLANT DATA

Six Taurus 60 Gas Turbines (33 MWe)

Customized Filter Systems for Harsh Environment

Custom Gas Treatment System

Fuel: Associated Gas (20% Heavy Hydrocarbon)



OUR PRODUCTS & SERVICES

Gas Turbine Package and Auxiliary Supply

Design

Installation and Commissioning

Maintenance

LOW MAINTENANCE

FUEL FLEXIBILITY

SUSTAINABILITY

The power plant is providing grid stability to the local community. Tailored gas treatment systems enabled the plant to use associated gas which contains a high ratio of hydrocarbons. Customized air filtration provides highly stable performance in the harsh operating environment conditions, while low maintenance gas turbine technology saves significant time and cost. Rural electrification throughout the plant is both sustainable and environmentally friendly.

Turbomach is a fully integrated part of Solar Turbines, a subsidiary of Caterpillar, Inc. and a leading manufacturer of mid-range industrial gas turbines with more than 60 years of experience in the industry.

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