



33 MWe POWER PLANT INDEPENDENT POWER PRODUCER

OWNER

Pioneers Power limited

LOCATION

Yemen

GAS TURBINES

Six *Taurus* 60 Gas Turbines

CUSTOMER VALUE

Flared Gas for Grid Power

The Government of Yemen together with the 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 delivered with six of the proven *Taurus*™ 60 gas turbines, which not only complied with the country's very strict emissions regulations, but ensured a stable grid connection as well.

Turbomach
A Caterpillar Company

33 MWe POWER PLANT



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 PRODUCT & SERVICES

Gas Turbine Packages and Auxiliaries

Design

Commissioning and Installation

Maintenance

**LOW MAINTENANCE
FUEL FLEXIBILITY
SUSTAINABILITY**

The power plant is providing grid stability to the local community. Tailored gas treatment systems enabled us 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 costs. 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 over 60 years of experience.

**FOR FURTHER INFORMATION,
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