



EQUIPMENT UPGRADE, POWER ENHANCEMENT

PAN AMERICAN ENERGY SL SUCURSAL ARGENTINA

OWNER

Pan American Energy SL Sucursal Argentina

LOCATION

Chubut Province (Patagonia), Argentina

PRODUCT

Titan™ 130 (16.5 MWe) Gas Turbine

CUSTOMER VALUE

Energy, Fuel Flexibility, Sustainability

As a result of significant changes in the fuel gas composition and the need for additional power, Pan American Energy requested Solar Turbines to evaluate the most suitable solution to address their requirement for safe and reliable operation of their existing equipment.

Pan American Energy had ample access to high-CO₂ natural gas from the El Coiron Field, but initial studies of the required gas conditioning plant did not show economic feasibility. Even though this inadequate fuel was abundant, there was no viable commercial path to market.

Solar® Turbines

A Caterpillar Company

Equipment Upgrade, Power Enhancement



PLANT DATA

Power Plant, 49.5 MWe

Three Titan 130 (16.5 MWe) Gas Turbines

Natural Gas

Low BTU



OUR PRODUCTS AND SERVICES

Equipment Optimization

Gas Turbine Overhaul

Field Services

Digital Solutions

COST-EFFICIENT SOLUTION

FUEL FLEXIBILITY

POWER EXPANSION

By converting the turbomachinery packages to use this low-BTU gas as fuel, Pan American Energy, along with Solar, have been able to increase the efficiency of their operations with relatively low cost investments which included the engines and packages conversion costs.

Upon completion of the conversion, the turbomachinery packages will be able to operate on either high CO₂ or pipeline-quality natural gas fuels, depending on which fuel is available at any given time.

As a result of this added operational flexibility, the commercial grade, pipeline-quality natural gas Pan American Energy previously used for fuel can also be sold on the market.

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