



# **50 MWe** **COMBINED HEAT AND POWER** **INDEPENDENT POWER PRODUCER**

OWNER  
**Manisa OIZ**

LOCATION  
**Turkey**

PRODUCT  
**Two Titan 250 Generator Sets**

CUSTOMER VALUE  
**High Efficient and Flexible Energy Supply**

Our customer, Manisa OIZ, one of the biggest industrial parks in Turkey, needed to fulfill the rapidly growing demand of electricity, as well as provide steam and hot water to their industrial tenants. We extended the capacity of their power plant with two of our latest Titan™ 250 gas turbines, which are the best in class for efficiency and match the customer's variable demand for electricity, steam and hot water.

**Solar Turbines**

*A Caterpillar Company*

## 50 MWe COMBINED CYCLE POWER PLANT



### PLANT DATA

Two Titan 250 Gas Turbine Generator Sets (44 MWe)

Two Heat Recovery Steam Generators

Two Steam Turbine Generators

50 MWe - 250 Mwth Heat Supply

Fuel: Natural Gas



### OUR PRODUCTS AND SERVICES

Gas Turbine Packages Supply and Auxiliaries

Design

Construction

Commissioning and Installation

Maintenance

**RELIABLE**

**HIGHLY EFFICIENT**

**FLEXIBLE SOLUTION**

The new combined cycle power plant is fully capable of supporting a highly unpredictable electricity demand and the variable needs of steam and hot water. The organization can rely on this stand-alone power plant in order to support the more than 180 industries that are connected for electricity and heat supply. Moreover, the efficiency of the plant and the low emissions of the Titan 250 ensure the customer's full compliance to the industrial emissions regulations of the country.

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