



# 50 MWe COGENERATION PLANT INDEPENDENT POWER PRODUCER

OWNER

**Manisa OIZ**

LOCATION

**Turkey**

GAS TURBINES

**Two Titan 250 Gas Turbines**

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 the power plant with two 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.

**Turbomach**  
A Caterpillar Company

## 50 MWe COMBINED CYCLE POWER PLANT



### PLANT DATA

Two *Titan* 250 Gas Turbines (44 MWe)

Two Heat Recovery Steam Generators

Two Steam Turbine Generators

50 MWe - 250 MWth Heat Supply

Fuel: Natural Gas

### OUR PRODUCT & SERVICES

Gas Turbine Packages and Auxiliaries

Design

Construction

Installation and Commissioning

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 standalone 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.

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,  
PLEASE VISIT  
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