

Combined Cycle Power Plant of 870MW, Samsun



Description

CUSTOMER

BORASCO ELEKTRIK URETİM
SANAYİ VE TİCARET A.Ş.

LOCATION

Turkey

SECTOR

Energy Projects

CATEGORY

Gas Turbines / Combined Cycle

START

2010

STATUS

Complete



Project Summary

The Samsun project is a state-of-the-art natural gas fired power plant 870 MW, which combines the high efficiency and operational flexibility needed for profitable participation in the Turkish electricity market.

METKA scope covered the complete engineering, procurement and construction of the power plant, consisting of two single shaft combined cycle units with main equipment (2 x 109FB) supplied by General Electric.

The site has space for expansion of the power plant, and related infrastructure has been implemented to enable installation of a future third unit.

The power plant is provided with direct seawater cooling from the Black Sea. The related seawater cooling and related [marine works](#), also successfully completed by METKA, represented the most challenging part of the project.

Watch the video [here](#).

The contract was carried out by METKA S.A. together with Power Projects Limited, the METKA Group subsidiary in Turkey.