

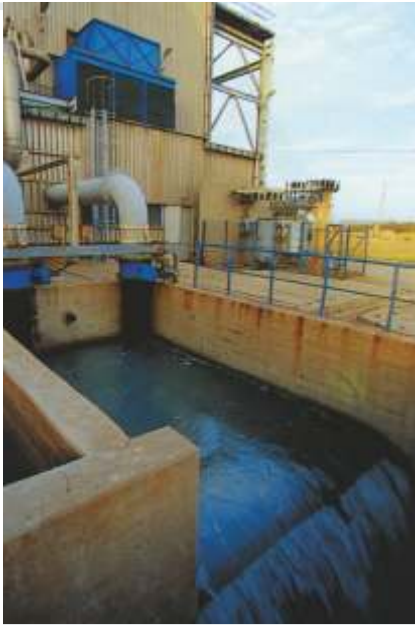


ALIAĞA GAS TURBINES COMBINED CYCLE POWER PLANT CONSTRUCTION



Aegean Region
İzmir - Aliğa





Employer	: TURKISH ELECTRICITY AUTHORITY GENERAL DIRECTORATE
Contract date	: 16.11.1979
Work completion date	: 28.02.1982
Project cost	: 971 424 279,57 TL (1979 unit prices) [38 867 848,19 US \$]



The combined cycle power plant was constructed in order to generate 2 x 30 MW of electricity by processing the flue gas from Aliaga Gas Turbines.

Within the scope;
Construction of 2 x 30 MW turbo generators' building with reinforced concrete infrastructure and steel construction superstructure,
Construction of an 855 m long semi-submerged tunnel type discharge line,
Semi-submerged type of pumping station on shore,
Water treatment plant,
Sea water intake structure (GRP),
Fabrication and undersea installation of 540 m long, 1 800 mm GRP (Glass Reinforced Plastic) pipe water transmission line for cooling water , supplying water from sea,
Chlorination plant building construction works were performed and
Power distribution, transformer units, lighting were provided for 2 x 30 MW power plant units.

