

**PROJECT**

Marmara Ereğlisi Power Station



**LOCATION**

Marmara, Turkey

**END USER**

Uni-Mar power Company - Turkey

**CONTRACTOR**

Consortium of ABB Manheim  
CMI Belgium Entes, Turkey

**CONSULTANT**

Dynaflow International, Holland

**COMPLETION DATE**

1998

**DESCRIPTION**

The construction of an independent private power station, built by Uni-mar in Marmara, Turkey.

**PIPE SYSTEM**

FPI offered a GRP cooling water piping system consisting of Onshore and Offshore Intake lines of 2500mm in Diameter, with an offshore outfall line 2400mm in diameter, including all the necessary fittings and diffusing elements.

**SCOPE**

The piping system in question was to withstand an earthquake intensity measuring 8.5 degrees Richter, without failure. FPI, with the assistance of its Dutch based sister company, Dynaflow International, supplied an engineered package consisting of:

- Earthquake Design
- Pipe Design
- Support system, as the whole piping system was supported on piles
- Pipes and Fittings cut to size as per the assigned drawings
- Seawave action
- Dynamic analysis

**THE FPI ADVANTAGE**

Once again, Dynaflow Engineering's extensive and detailed support and close cooperation with our in-house engineers ensured the client of receiving the best and most appropriate pipe system solution for his requirements. The comprehensive service required, including logistics support, installation and prefabrication, was only available through FPI.