



Case Study INDUSTRIAL

Location
Oran, Algeria

Client
Alstom Power Systems - France

End User
Sonelgaz and Sonatrach

Year
2011

Project

Terga Combined Cycle Power Plant

Algeria has been experiencing a rapid growth in power demand with a number of power plants either under construction or being planned. Terga was the first of its kind in Algeria and its based upon a total of three GT-26 gas turbines. It was originally designed using a steel piping system.

What We Delivered



DIAMETER

1600mm up to
2200mm



PRESSURE

PN 10



METERS

37 KM



JOINTS

Lamination



DELIVERING

Sea Water Intake

Future Pipe Industries exchanged all the steel corroded pipe and spools for a Glass Reinforced Polyester (GRP) piping system following a robust engineering and design phase.

The client also requested a full concept for spooling and erection. Our Fiberstrong™ product is a corrosion-resistant pipe system which can be used in a wide range of applications. The pipes are strong, flexible and consist of a resin rich reinforced liner, structural wall and a resin rich exterior layer.

They are the proven solution to resistance against sea water. We supplied pipe and spools in diameters ranging from 1600mm up to 2200mm.

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The TERGA Combined Cycle Power Plant was completed in 2009 and is one of the largest combined cycle power plants in Algeria with a capacity of 1,200 MW. Located in Terga, 600km west of Algiers, it was built by the Alstom Power consortium and Orascom Construction Industries.

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Gallery



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