



Case Study INDUSTRIAL

Location
Qatar

End User
Qatar General Electricity and Water Co.

Developer
Mitsubishi Corporation and Tokyo Electric Power

EPC Contractor
Samsung C&T, Hitachi Zosen, Acciona Agua

Year
2015

Project

Umm Al Houl Power IWPP Project

Umm Al Houl Combined Cycle Power Plant is part of Qatar's biggest power and water projects located in Qatar's Economic Zone 3, south of Doha. The power plant supplies up to 2,52GW of electricity and 590,000m³ (136 million gallons) of potable water a day to 2.5million homes in the area. The project is part of the Qatar government's National Vision 2030 and will help to increase electricity and water output by 22% and 25% respectively.

What We Delivered



DIAMETER

80mm up to
3700mm



PRESSURE

PN1 to PN16



METERS

Pipes 85.38 km
Fittings & Flanges
131,632 Pieces



JOINTS

Double Bell Couplers,
Lamination (AG/UG
Installation), Adhesive



DELIVERING

Offshore Sea Water Intake and
Outfall Chlorination, Potable,
Condensate, and Distillate Water,
Vent Gas, Chemical acid Firewater

Future Pipe Industries supplied Glass Reinforced Plastic (GRP) and Glass Reinforced Vinyl (GRV) piping systems covering diameters from 80mm up to 3700 mm with detailed engineering, design works, site supervision and delivery to the project site.

The piping systems provided were for the following applications:

- Offshore Seawater Intake and Outfall
- Chlorination
- Potable Water
- Condensate Water
- Distillate Water
- Brine Water
- Vent Gas
- Chemical Acid
- Firewater

“The intrinsic properties of Glass Reinforced Pipes including resistance to corrosion, smooth internal surface and lower economic costs, were key factors in client's choice of the materials selected for their piping systems. Our comprehensive solutions also played a key role in the decision to partner with FPI; our ability to produce custom-made prefabricated spools to facilitate installation and our vast experience in similar large-scale projects were all factors which prompted the client and their consultants to rely on our expertise.”

Gallery



Need
More Info?

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