

# GE and Septech Deliver Desalinated Municipal Water To Saadiyat Island

## Challenge

The United Arab Emirates are one of the most water scarce locations in the world. Saadiyat Island near Abu Dhabi has no natural water source other than seawater.

Saadiyat Island needed to increase their fresh water for residential use, hotels, beach resorts, and golf courses. The Tourism Development & Investment Company (TDIC) challenged GE and Septech to quickly develop a seawater desalination treatment solution that would be delivered on a short timeline with low production and power costs.

## Solution

GE and Septech offered the ideal solution: quick and reliable complete desalination units with high-quality engineering, built for dependability with lowest overall cost of ownership in mind.

By using advanced pre-engineering work and good partnership communication, GE provided standard seawater reverse osmosis (SWRO) trains that produce 10,000 m<sup>3</sup>/day (2.6 million gpd) of potable water. The solution consisted of four, in-stock SeaPRO-84 units and four SeaPRO-126 units.

Because of immediate availability in the Quick Ship Stock Program, four of the eight trains were ready to ship at the time of order acceptance. The availability and the economical design of the SeaPRO platform allowed Septech to win the contract.



## Quick Ship Stock Program

Quick Ship is a global GE initiative to use pre-engineered systems to quickly get you from problem to solution.

The quick availability of a proven system design not only offers peace of mind and confidence in the technology but it directly translates into savings due to speed of delivery, ease of installation, and reduced project management costs.

If you would like to know how GE can solve your water treatment needs, contact your local GE representative or visit us at [www.ge.com/water](http://www.ge.com/water).



Find a contact near you by visiting [www.ge.com/water](http://www.ge.com/water) and clicking on "Contact Us."

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