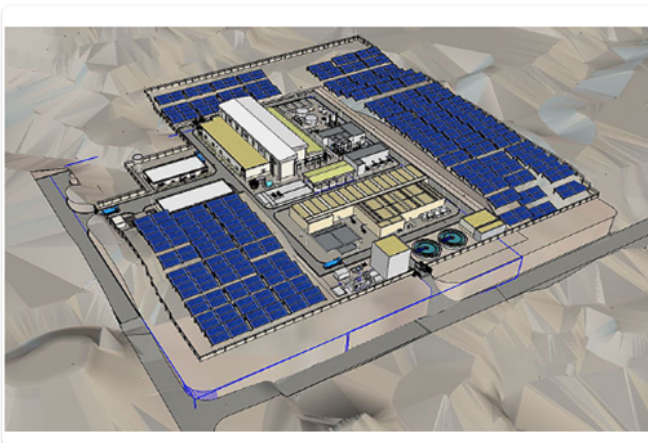


Seawater desalination

We will commercialize and operate seawater desalination projects in areas with poor access to water resources, and provide safe and secure water as water for daily use and industrial use. By utilizing our experience in plant engineering, as a business operator, we can reduce the unit price of water sold by reducing the energy consumption of plants and by taking into account the concept of efficient operation and maintenance.

The case of Oman is the world's first large-scale reverse osmosis membrane (RO) plant that installed solar power to reduce electricity costs and GHG emissions.

Photo: Image of seawater desalination plant



Company Name

JGC HOLDINGS Corporation

Type

- Sustainable water supply

Company Web Page

<https://www.jgc.com/en/>

Form

- System
- Engineering

Technology Web Page

<https://www.jgc.com/en/projects/064.html>

Potential User

- Policy makers
- Private sector

Sector - Category - Sub-Category

- Water Environment, Water Resources
 - Water supply
 - Desalination of seawater

SDGs

- 6. Clean water and sanitation

Cost Range (K USD)

- > 10,000

Countries with Track Record

- Saudi Arabia, UAE, Oman

Track Record

- Introduced in developing countries by themselves

Target of Adaptation

- Quality of Life, Industry

Adaptation Measures Levels

- Adaptation, Minimization of impacts

Time Scale

Current, Future (Short Term)