

Veolia wins €300 million water technology contract for world's most energy-efficient desalination plant, enhancing water security in UAE

-
- > With a capacity of **818,000 cubic meters per day**, this reverse osmosis desalination plant will supply drinking water to **2 million people**.
 - > Worth around **€300 million** in revenue for Veolia, the plant will start operating in **2026**, with a gradual ramp-up to full capacity in 2027.
 - > Advanced reverse osmosis technologies combined with Veolia's extensive expertise in critical pretreatment and posttreatment stages, have reduced the energy used to desalinate seawater by **35%** over the past ten years.

Veolia, world water technology leader, through its subsidiary SIDEM, will engineer and supply key technology for the Hassyan seawater desalination plant in Dubai, United Arab Emirates (UAE). Commissioned by Dubai Electricity and Water Authority (DEWA) and ACWA Power, the plant will be the second largest desalination plant based on reverse osmosis technology in the world, and the largest desalination plant powered by solar energy. This significant project underscores Veolia's unwavering commitment to delivering sustainable, decarbonized, energy-efficient solutions that safeguard local access to potable water.

Located approximately 55 kilometers southwest of Dubai Creek, the Hassyan desalination plant will have a capacity of 818,000 cubic meters per day (m³/d) — 180 million imperial gallons per day (MIGD) — providing a safe and reliable source of drinking water to two million people. The plant will start operating in 2026, with a gradual ramp-up to full capacity in 2027. The project is part of a broader strategy to sustainably increase water desalination capacity to help support Dubai's increasing demand for water in domestic and commercial settings. Furthermore, this plant will be the largest desalination plant powered by solar energy in the world.

This project will feature an exceptional energy efficiency performance, with an incredibly low energy consumption rate of 2.9 kilowatt-hours per cubic meter (kWh/m³). SIDEM's extensive expertise in large-scale desalination, including the critical pre-treatment and post-treatment stages, has helped maximize the potential of RO technology in terms of energy efficiency, reducing the energy consumption of RO desalination plants by a further 35% over the past 10 years.

The plant is located near the Jebel Ali Wetland Sanctuary, a Ramsar protected site recognized by the Convention on Biological Diversity as an ecologically or biologically significant marine area of international importance. To ensure the uninterrupted nesting process of endangered turtles, construction activities have carefully been planned around the breeding season. Additionally, the plant adheres strictly to environmental laws and regulations in terms of composition, temperature

and quantity of brine discharged, with discharge areas thoughtfully selected to mitigate any potential impact on the ecosystem.

Estelle Brachlianoff, Chief Executive Officer of Veolia, said : *“The scarcity of water resources is a pressing global challenge and in the Gulf region, desalination is part of the mix of solutions needed to secure freshwater. Veolia’s commitment to delivering both high performance and sustainability has been the driving force behind our leadership in desalination for over 50 years. Our efforts have made the seemingly impossible possible, bringing the energy consumption of large-scale desalination to 2.9 kWh/m³. This achievement confirms our leading position in water technologies and becomes even more significant when sourced from renewable, decarbonized energy, ensuring a truly sustainable solution for the future.”*

ABOUT VEOLIA

Veolia Group aims to become the benchmark company for ecological transformation. Present on five continents with nearly 213,000 employees, the Group designs and deploys useful, practical solutions for the management of water, waste and energy that are contributing to a radical turnaround of the current situation. Through its three complementary activities, Veolia helps to develop access to resources, to preserve available resources and to renew them. In 2022, the Veolia group provided 111 million inhabitants with drinking water and 97 million with sanitation, produced nearly 44 million megawatt hours and recovered 61 million tonnes of waste. Veolia Environnement (Paris Euronext: VIE) achieved consolidated revenue of 42.885 billion euros in 2022. www.veolia.com

CONTACTS VEOLIA

GROUP MEDIA RELATIONS

Laurent Obadia - Evgeniya Mazalova
Anna Beaubatie - Aurélien Sarrosquy

Tel.+ 33 (0) 1 85 57 86 25
presse.groupe@veolia.com

INVESTORS RELATIONS

Ronald Wasylec - Ariane de Lamaze

Tel. +33 (0) 1 85 57 84 76
investor-relations@veolia.com

VEOLIA WATER TECH

Manon Painchaud

Tel. +1 418 573 2735
manon.painchaud@veolia.com