

Abengoa is awarded the construction of the second largest reverse osmosis desalination plant in Saudi Arabia

- It will have the same capacity, 600,000 m³/d as the desalination plant that Abengoa is currently constructing in Rabigh III, which will be the largest in the country with this type of technology once it will be completed.
- The value of Abengoa's scope in the project exceeds 200 MUSD.

April 2nd 2020 – Abengoa (MCE: ABG/P:SM), the international company that applies innovative technology solutions for sustainability in the infrastructures, energy and water sectors, has been selected, in a consortium with the engineering and construction company SEPCOIII, to construct a 600,000 m³/d desalination plant for Acwa Power, a company leader in the development, investment, ownership and operation of energy generation and desalinated water. The value of Abengoa's scope in the project exceeds 200 MUSD.

Specifically, the company will be responsible for the engineering, supply and construction of the Jubail 3A reverse osmosis desalination plant, located to the south of the city of the same name, in the Eastern province of Saudi Arabia, in the northeast of the country.

With a capacity of 600,000 m³/d, this plant will be the second largest plant with reverse osmosis technology in the country (it will have the same capacity as already under construction Rabigh III plant) and will guarantee the supply of drinking water to Riyadh, Qassim and Eastern Provinces throughout the year. The project includes the construction of tanks for the storage of treated water with a capacity of one day of production, as well as a photovoltaic solar field. Thus, it will be possible to reduce, in a sustainable way, the energy consumption of the desalination plant.

The scope of the project includes seawater intake, pumping, pretreatment, reverse osmosis system with energy recovery, post-treatment, pumping station, product water storage, effluent treatment, discharge by outfall and field solar photovoltaic, as well as the associated electrical installations that comprise the construction of an electrical substation of 380/33 kV.

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The project is part of the Saudi government's program for the promotion of private participation in the country's water sector. The developer consortium is formed by ACWA Power, Gulf Investment Corporation and Al Bawani Water & Power Company. The desalinated water will be supplied to the state-owned Saudi Water Partnership Company, promoter of this project.

Jubail's will be Abengoa's third desalination plant to be built in Saudi Arabia and the seventh in the Middle East. With this plant, Abengoa is consolidated as a leading company in the desalination sector worldwide, with an installed capacity of 1.7 million m³/d, which will be expanded to 4.3 million when the portfolio in execution is completed. In the Middle East, Abengoa is currently constructing the world's largest reverse osmosis desalination plant, located in the Taweelah power and water generation complex, with a production capacity of 909,000 m³/d, and the desalination plant in the Emirates industrial complex Global Aluminium (EGA), of more than 41,000 m³/d, both in the United Arab Emirates, as well as the Rabigh III desalination plant, of 600,000 m³/d, also in Saudi Arabia, and the Salalah desalination plant, of 114,000 m³/d, in Oman.

About Abengoa

Abengoa (MCE: ABG/P:SM) applies innovative technology solutions for sustainability in the infrastructure, energy and water sectors. (www.abengoa.com)

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