

For Immediate Release

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Severn Trent De Nora Provides Seawater Electrochlorination System for Power Plant in Singapore

The company's SEACLOR® system will prevent biofouling at Phases 2A and 2B of the Keppel Merlimau Cogen gas-fired, combined-cycle plant.

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Severn Trent De Nora will provide its [SEACLOR® seawater electrochlorination system](#) for biofouling control of key mechanical equipment at Phases 2A and 2B of the Keppel Merlimau Cogen 800-MW power plant in Singapore. The contract for the SEACLOR system was awarded by Alstom, the project's general contractor.

Thermal power stations located along seacoasts typically use seawater as a coolant in the steam condensers. SEACLOR systems generate sodium hypochlorite onsite, and introduce the disinfectant to the power station's seawater intake. The disinfectant works to prevent the fouling of the steam condensers and equipment such as seawater circulating pumps, bar screens and drum screens. By controlling biofouling, power generation efficiency can be significantly increased. According to Marwan Nesicolaci, vice president of international sales and business development for Severn Trent De Nora, "Severn Trent De Nora worked on Phase 1 of the plant and we're pleased to supply our SEACLOR system for Phases 2A and 2B of this project."

SEACLOR systems have demonstrated reliable, economic and low maintenance operation in controlling biofouling at power plants and at cooling towers, liquefied natural gas terminals and desalination facilities around the world. The systems range in capacity from 10 to 900 kg/h per train.

About Severn Trent De Nora, LLC

Severn Trent De Nora, LLC (www.severntrentdenora.com) is a joint venture offering a solid foundation to support marine and offshore industrial water disinfection needs by drawing upon the strength and global resources of Severn Trent Services, Fort Washington, Pa. (www.severntrentservices.com) and Gruppo De Nora, Milan, Italy (www.denora.it). Severn Trent De Nora offers the benefits of enhanced technical solutions and a greater range of services by combining the seawater disinfection capabilities of both companies. Severn Trent De Nora offers products to serve marine wastewater treatment applications and the seawater disinfection needs for the following applications: power generation, desalination facilities, coastal industry, offshore oil and gas facilities, general marine, cruise vessel industry and navies worldwide.

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