

PSEG's Latest Combined-Cycle Plant Sewaren 7, Designed to Use Air (in Lieu of Water) to Reject its Waste Heat, Will Deploy Holtec's Air Cooled Condenser

We are pleased to announce that PSEG Fossil, a subsidiary of PSEG Power, has selected Holtec International's state-of-the-art Air Cooled Condenser (ACC) for its Sewaren 7 high-efficiency combined-cycle generating station, in Woodbridge, NJ. The Sewaren ACC will feature 20 discrete heat transfer cells with a footprint of approximately 40,500 square feet and will stand approximately 125 feet tall. Vertically integrated to autonomously deliver air-cooled heat transfer solutions to the industry, Holtec will carry out all required engineering and equipment manufacturing, with limited reliance on third-party suppliers for certain components, such as blowers and deaerators, to ensure on-time deliveries. Photos below show sections of a recently completed ACC supplied by Holtec to a California site.



Holtec's Air Cooled Condenser (ACC) at a Domestic Power Plant

For more information, please contact:

Caitlin Marmion – Communications Specialist

Phone: +1 (856) 797-0900 ext. 3991

Email: c.marmion@holtec.com



Close-up of Holtec's Air Cooled Condenser (ACC) at a Domestic Power Plant

"Armed with the latest computer codes to simulate the aerodynamics, heat transfer and structural behavior of ACCs, our engineers are transforming the air-cooled condenser from a quasi-empirical method-based design to a modern science driven embodiment that is assured to deliver reliable performance under all ambient conditions. Minimizing the duration, human resource expenditure during construction and parasitic power consumption during operation are our calling cards to our ACC clients," says Pierre Oneid, Holtec's Senior Vice President, in charge of the Heat Transfer Division.

PSEG Fossil President, Richard P. Lopriore agrees, calling the award to Holtec, "a sound business decision based on Holtec's impressive record of high-quality performance in many areas of the power industry."

Air Cooled Condensers are supplied by Holtec's Heat Transfer Division, which also provides feedwater heaters, water cooled condensers, and a wide variety of tubular heat exchangers used in the nuclear, solar, fossil, geothermal and petrochemical industries. To support its heat exchange equipment product line with a world-class quality assurance infrastructure, Holtec maintains all nuclear stamps issued by the ASME, as well as ISO-9000 certifications to serve the Company's global clients in the various industry segments.

Our decade-long research and development effort to improve the service life of ACCs has yielded several groundbreaking solutions of which the aluminum-finned stainless steel tube (named HI-MAX) is the most transformative. HI-MAX equipped ACCs are available from our Advanced Manufacturing Division (AMD) plant in Dahej, India.

For more information, please contact:

Caitlin Marmion – Communications Specialist

Phone: +1 (856) 797-0900 ext. 3991

Email: c.marmion@holtec.com



PSEG Fossil's Sewaren 7 Generating Station is part of PSEG Power LLC's generating fleet.

PSEG Power LLC is an independent power producer that generates and sells electricity in the wholesale market, with a fleet totaling approximately 12,000 MWs of electric generating capacity. It is a nationally recognized industry leader on environmental issues. PSEG Fossil LLC is one of four main subsidiaries of PSEG Power, and operates the company's portfolio of natural gas, coal and oil-fired electric generating units.

PSEG Power is a subsidiary of Public Service Enterprise Group Incorporated (PSEG) (NYSE:PEG), a diversified energy company (www.pseg.com).

For more information, please contact:

Caitlin Marmion – Communications Specialist

Phone: +1 (856) 797-0900 ext. 3991

Email: c.marmion@holtec.com

