



PRESS RELEASE

GE OFFERS COMPLETE PORTFOLIO OF INTEGRATED SOLUTIONS FOR HIGH PURITY WATER NEEDS

One of Eastern Europe's largest fertilizer manufacturers turns to advanced GE technologies to reduce costs and minimize use of potable water supplies

For Immediate Release:

TREVOSE, PA. (September 25, 2006) GE Water & Process Technologies, a unit of General Electric Company (NYSE:GE), is integrating major components of its advanced water treatment technologies portfolio to provide a complete seawater desalination and water reuse solution for one of Ukraine's largest ammonia fertilizer producers, the Odessa Port Plant.

"The Odessa Port Plant is an ideal example of the product and process design synergies that GE has achieved," said Jeff Garwood, President and CEO of GE Water & Process Technologies. "Our recent acquisition of ZENON Membrane Solutions has enhanced GE's product offering with superior UF pretreatment capabilities. This enables GE to readily supply complete desalination and water reuse solutions for high purity water applications, along with other water and wastewater solutions for industrial and municipal plants of all sizes."

Odessa is one of Ukraine's most water short regions, yet is home to one of the country's largest populations and fastest growing economies. With scarce supplies and rising prices for this precious resource, the innovative desalination and water reuse solution at the Odessa Port Plant will reduce demand on potable water supplies while providing a cost-effective and virtually limitless supply of high purity water for fertilizer manufacturing.

The 15,360 m³/day (4 MGD) system, scheduled for completion early in 2008, will purify both seawater and manufacturing process water, and will operate at a recovery rate of 75 percent. The three primary process steps will consist of pretreatment with ZeeWeed ultrafiltration (UF) membranes, desalination with GE reverse osmosis (RO) membranes, and final polishing with GE electrodeionization (EDI) process.

Ultrafiltration is increasingly being accepted as the best available technology for RO pretreatment, providing a physical barrier to virtually all suspended particles from the feedwater, which will benefit the Odessa Port Plant's RO system with lower cleaning requirements, higher flux rates, and extended RO membrane life. Once passing through the RO system, an EDI system will remove residual salts and other dissolved contaminants using an electrically driven membrane process.

UF, RO and EDI are at the core of GE's advanced separation technologies and are supported by a broad range of ancillary products and services. Together with thermal/evaporative, monitoring, chemical feed, and control equipment and process chemicals, GE is one of the industry's largest single-source equipment suppliers and service providers.

ABOUT GE WATER & PROCESS TECHNOLOGIES

GE Water & Process Technologies, a unit of General Electric Company, is solving some of the world's most pressing water challenges by providing industrial, agricultural and potable water, while lessening our dependence on fresh water sources. Technologies to accomplish this include desalination, advanced membrane, separation solutions, and water reuse and wastewater management and process technologies. GE delivers value to customers by improving performance and product quality, reducing operating costs and extending equipment life.

For more information on GE Water & Process Technologies, visit www.gewater.com.

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