

Energy Recovery Inc Completes Landmark Shipment to World's Largest Desalination Plant

Seawater Reverse Osmosis Plant in Magtaa, Algeria, to Begin Installing ERI TurboChargers, Bringing Clean Water to the Community

SAN LEANDRO, Calif.--(BUSINESS WIRE)-- [Energy Recovery Inc](#) (NASDAQ:ERII), a leader in the design and development of energy recovery devices for desalination, today announced that it has completed delivery of 25 ERI TurboCharger energy recovery devices for the largest seawater reverse osmosis (SWRO) desalination plant in the world. Energy Recovery Inc, through its acquisition of Pump Engineering, has supplied the AT-7200 TurboChargers to Hyflux Ltd., the company that has designed, built and will operate the plant located in Magtaa in northwestern Algeria. The facility will be producing 500,000 m³/day of clean, potable water.

Hyflux Singapore team and ERI team in New Boston, Michigan, in front of the last shipment of Turbochargers to Magtaa, Algeria. (Photo: Business Wire)

The ERI AT-7200 TurboCharger line employs the most advanced computational fluid dynamic turbo machine software (CFX) and five-axis machining technology used in the desalination industry today. The devices make capable powerful energy efficiency, ease of operation, simplicity and reliability. Unmatched in its class for delivering high quality and availability, the ERI line of TurboChargers for the Magtaa Desalination Plant will help aid the severe water shortages in the region by supplying much needed clean water.

"ERI's partnership with Hyflux and our involvement in the success of the landmark SWRO desalination facility in Magtaa underscores our Company's technical innovation and market leadership in providing the most advanced energy recovery devices for large 'mega-plants' such as this one," said Kevin Terrasi, vice president of engineering, Energy Recovery Inc. "ERI is committed to helping our partners achieve both their short-term goals, including meeting critical project development milestones, as well as long-term goals, such as the ongoing efficiency and energy savings of the facility over its lifetime."

ERI's energy recovery devices, which include the TurboChargers and the PX(TM) Pressure Exchanger (PX(TM)) devices, operate at up to the highest efficiency of any products in their class. These technologies reduce the energy consumption of SWRO systems significantly, making desalination a cost-effective solution for clean water supply. ERI devices also reduce the carbon footprint of desalination, saving more than 970 MW of energy and reducing CO₂ emissions by more than 5.2 million tons per year worldwide. More than 10,000 ERI devices are currently deployed or under contract to be installed at desalination plants around the globe. For more information about Energy Recovery's technology, visit www.energyrecovery.com or send an email to info@energyrecovery.com.

About Energy Recovery Inc

Energy Recovery Inc (NASDAQ:ERII) designs and develops energy recovery devices that help make desalination affordable by significantly reducing energy consumption. Energy Recovery technologies include the PX(TM) Pressure Exchanger (PX(TM)) device for desalination and the Turbocharger hydraulic turbine energy recovery device and pumps for desalination, gas and liquid processing applications. The company is headquartered in the San Francisco Bay Area with offices in Detroit and worldwide, including Madrid, Shanghai and the United Arab Emirates. For more information about Energy Recovery Inc, please visit www.energyrecovery.com.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=6554509&lang=en>

Source: Energy Recovery Inc.