

# Energy Recovery Inc Curbs Energy Usage and Thirst in Limassol, Cyprus, for Fresh and Affordable Drinking Water

Energy Recovery Expands Leadership in Cyprus Desalination; Helps to Provide Clean, Affordable Water to 120,000 People

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 its PX(TM) Pressure Exchanger (PX(TM)) energy recovery devices will be implemented at the seawater reverse osmosis (SWRO) desalination plant currently under construction in Limassol, the second largest city in Cyprus, by Nirosoft Industries Ltd., a worldwide solutions provider of advanced water and wastewater treatment systems. The facility will provide approximately 50,000 cubic meters (10.5 million gallons) of fresh and affordable drinking water to 120,000 people a day.

Nirosoft selected Energy Recovery's PX-260 PX Pressure Exchanger energy recovery devices for the Cyprus desalination plant to greatly curb energy usage and operational costs at the Limassol facility. Cyprus hopes to fully meet its water needs through desalination by 2011. In addition to the Limassol facility, the highly reliable and efficient PX devices are in the majority of desalination plants throughout the country, helping deliver more than 140,000 cubic meters (37 million gallons) per day to the region.

"This is the sixth desalination plant in Cyprus in which our PX devices are implemented, and we are continuing to make energy efficient SWRO desalination a reality for the island country to serve hundreds-of-thousands of its people with fresh, potable water," said Emad Al Sharif, global sales director of Energy Recovery Inc. "We have been a part of the success of desalination in Cyprus for many years, and the addition of the Limassol facility's PX device implementations underlines our superior performance, reliability, cost and energy savings here and beyond."

ERI's PX devices operate at up to 98 percent efficiency and reduce the energy consumption of SWRO systems by up to 60 percent, making desalination a cost-effective solution for clean water supply. PX devices also reduce the carbon footprint of desalination, saving more than 970 MW of energy and reducing CO<sub>2</sub> emissions by more than 5.2 million tons per year worldwide. More than 8,600 PX devices are currently deployed or under contract to be installed at desalination plants around the globe. For more information about Energy Recovery's PX Pressure Exchanger technology, visit [www.energyrecovery.com](http://www.energyrecovery.com) or send an email to [info@energyrecovery.com](mailto: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](http://www.energyrecovery.com).

Source: Energy Recovery Inc