

Energy Recovery Inc Enhances Desalination Industry's Most Efficient, Reliable Energy Recovery Devices

ERI PX Technology Ensures Best-in-Class Availability, 25-year Lifetime and 97.2 Percent Efficiency for Global Desalination Plants

SAN LEANDRO, Calif.--(BUSINESS WIRE)-- [Energy Recovery Inc](#) (NASDAQ:ERII), a leader in the design and development of energy recovery devices for desalination and other industrial processes, today introduced enhancements to its industry-leading PX Pressure Exchanger™ (PX™) technology for seawater reverse osmosis (SWRO) systems, including a 97.2 percent efficiency guarantee. The introduction for the PX-Q300 underscores ERI's ongoing commitment to ensuring that SWRO facilities are free from any costly, unplanned downtime and that their desalination processes use the best economic solution available.

The PX-Q300 device strengthens the efficiency and durability of previous ERI PX energy recovery devices, ensuring an industry-leading uptime of 99.8 percent and guaranteeing high efficiencies at no less than 97.2 percent. Additionally, all ERI PX devices are designed for a lifetime of more than 25 years, which when coupled with the PX devices' market-leading uptime, saves customers millions of dollars through energy reductions and zero unplanned downtime.

The new PX-Q300 device also offers a new and improved feature with a decrease in sound levels to less than 81 decibels—for much quieter operations.

“Even one day of unplanned downtime per month can cost a facility as much as \$6.8 million a year over the lifetime of the plant. Many plants experience weeks of unplanned downtime each year due to the use of inferior technologies. To avoid these unproductive occurrences and eliminate the crippling costs associated with downtime, ERI customers rely on PX technology to insure 99.8 percent uptime,” said Tom Rooney, chief executive officer, ERI. “ERI PX devices have set the industry standard in design for greater performance and leading efficiencies, which mean greater savings and less worries for our customers who strive to produce drinking water of the highest quality at the lowest cost to consumers.”

ERI's technology is currently in use in many of the world's largest desalination plants, helping to save more than \$700 million per year in energy costs alone.

About Energy Recovery Inc

Energy Recovery Inc (NASDAQ:ERII) designs and develops energy recovery devices that significantly reduce energy consumption for desalination and other industrial processes. Energy Recovery's prominence in the desalination market includes notable technologies such as the PX Pressure Exchanger™ (PX™) devices, the ERI™ TurboCharger hydraulic turbine energy recovery devices and the ERI™ AquaBold™ and ERI™ AquaSpire™ high-

pressure pumps. In total, Energy Recovery has more than 12,000 devices installed worldwide. The company is headquartered in the San Francisco Bay Area with offices in key centers worldwide, including Madrid, Shanghai, and the United Arab Emirates. For more information about Energy Recovery Inc, please visit www.energyrecovery.com.

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