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Energy Recovery Reaches Landmark; Ships 20,000th PX® Pressure Exchanger®

SAN LEANDRO, Calif., April 23, 2019 /PRNewswire/ -- [Energy Recovery, Inc.](#) (NASDAQ:ERII), the leader in pressure energy technology for industrial fluid flows, today announced the shipment of its 20,000th PX Pressure Exchanger unit.



"Our PX Pressure Exchangers have enabled our customers around the globe to reduce the operating costs and the environmental footprint of their water desalination operations. Today, desalination plants using our technology produce enough fresh water to meet the daily consumption of approximately 52 million people," said Energy Recovery President and CEO Chris Gannon. "The recent United Nations World Wide Water report found that water use has risen roughly one percent per year since the 1980s, and global potable water demands are expected to increase up to 30 percent by 2050. Our role in reducing the cost of providing clean, fresh water and helping to meet these challenges is a source of pride for Energy Recovery, and we continue to innovate our product and solutions offerings in the water industry and beyond."

The PX Pressure Exchanger, which was first introduced over 20 years ago, revolutionized the economics of seawater reverse osmosis (SWRO) desalination by recycling pressure energy that would otherwise be lost in the desalination process. The technology reduces the energy costs of converting seawater to fresh water via SWRO desalination by up to 60 percent. In 1997, Energy Recovery installed its first PX Pressure Exchanger in the Canary Islands.

"I started my career with Energy Recovery two decades ago when the PX Pressure Exchanger had just recently been commercialized. At that time, we were at the very beginning of tapping into the technology's game-changing potential for the emerging SWRO desalination industry. Since commercialization, we have increased the performance, reliability, and durability of our technology while becoming the energy recovery solution of choice for SWRO plants of all sizes," shared Energy Recovery Vice President of Water Rodney Clemente. "From our humble beginning in Chesapeake, Virginia, we have now deployed our PX Pressure Exchanger technology across all seven continents, helping to produce over 17 million m³/d of fresh water. We are truly humbled and extremely proud of this milestone, and we look forward to continuing to support our industry partners in bridging the gap between the global water supply and demand imbalances."

Energy recovery devices like the PX Pressure Exchanger have greatly influenced the trajectory of the SWRO desalination industry. An Energy Recovery-produced infographic exploring this history can be found here: <http://www.energyrecovery.com/erds-in-swro-desal->

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Energy Recovery's PX Pressure Exchanger technology provides a best-in-class energy recovery solution for SWRO desalination through high efficiency and unmatched reliability.

The technology is designed for any size reverse osmosis desalination plant, delivers the lowest lifecycle cost of any energy recovery device on the market, and operates at 98 percent efficiency. To learn more about the PX Pressure Exchanger, visit

<http://www.energyrecovery.com/water/px-pressure-exchanger/>.

About Energy Recovery

Energy Recovery, Inc. (ERII) is an energy solutions provider to industrial fluid flow markets worldwide. Energy Recovery solutions recycle and convert wasted pressure energy into a usable asset and preserve pumps that are subject to hostile processing environments. With award-winning technology, Energy Recovery simplifies complex industrial systems while improving productivity, profitability, and efficiency within the oil & gas, chemical processing, and water industries. Energy Recovery products save clients \$1.9 billion (USD) annually. Headquartered in the Bay Area, Energy Recovery has offices in Dubai, Houston, Madrid, and Shanghai. For more information about the Company, please visit

www.energyrecovery.com.

Forward-Looking Statements

Certain matters discussed in this press release are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These forward-looking statements are based on information currently available to us and on management's beliefs, assumptions, estimates, or projections and are not guarantees of future events or results. Because such forward-looking statements involve risks and uncertainties, our actual results may differ materially from the predictions in these forward-looking statements. All forward-looking statements are made as of today, and we assume no obligation to update such statements, whether as a result of new information, future events, or otherwise.

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