

Energy Recovery Announces Retrofit of Desalination Facility in Chile, Introduces PX PowerTrain(TM) Solution

SAN LEANDRO, CA / ACCESSWIRE / November 16, 2020 /Energy Recovery (NASDAQ:ERII) today announced a contract with IDE Technologies ("IDE") to replace the Calder DWEER work exchanger ("DWEER") energy recovery device ("ERD") technology in a desalination facility supporting a copper mine in Chile. Energy Recovery will be supplying IDE with several of the Company's PX PowerTrains™.

The [PX PowerTrain solution](#) combines Energy Recovery's award-winning PX® Pressure Exchanger® ("PX") devices with frame support and ancillary equipment into a compact, ready to install, high-performance ERD solution.

"Energy Recovery was selected for this retrofit project following a real-world trial that clearly demonstrated the superior efficiency and reliability of our PX ERD compared to the DWEER ERD," said Robert Mao, Energy Recovery Chairman of the Board and President and Chief Executive Officer. "Our PX PowerTrain solution is the newest iteration of our ongoing efforts to provide more flexible, scalable PX solutions to meet the unique demands of our customers around the world."

"When we were tasked to upgrade this facility's performance, we needed proven technology to maximize uptime and deliver the highest efficiency and reliability," said Natanel Louzon, Director, Customer Support and O&M Division with IDE. "Energy Recovery's PX is simply the most reliable ERD on the market, delivering unmatched energy savings while requiring minimal maintenance. The trusted performance of their core PX technology, together with the complete-package PX PowerTrain solution, made this an easy choice."

The desalination facility was commissioned in 2017 and is the largest non-municipal desalination plant in the world exclusively dedicated for industrial use. The total plant capacity is approximately 300,000 cubic meters per day ("m3/day").

About Energy Recovery

For more than 20 years, Energy Recovery, Inc. (NASDAQ: ERII) has created technologies that solve complex challenges in industrial fluid-flow markets. We design and manufacture solutions that reduce waste, improve operational efficiencies, and lower the production costs of clean water and oil and gas. What began as a game-changing invention for water desalination has grown into a global business delivering solutions that enable more affordable access to these critical resources. Headquartered in the San Francisco Bay Area, Energy Recovery has manufacturing, research, and development facilities across California and Texas. Our worldwide sales and technical service organization provides on-site support for our line of water solutions. For more information, please visit www.energyrecovery.com.

About IDE Technologies

A world leader in desalination and water treatment solutions, IDE specializes in the development, engineering, construction and operation of some of the world's largest and most advanced thermal and membrane desalination facilities and industrial water treatment plants. IDE also provides retrofit services for plants and shares experience and knowhow for the client's benefits, enabling stable and optimized plant operation that delivers high quality water at low costs. IDE partners with a wide range of customers - municipalities, oil & gas, mining, refineries and power plants - on all aspects of water projects, and delivers approximately 3 million m³/day of high-quality water worldwide. For more information, visit www.ide-tech.com.

Energy Recovery 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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