

Energy Recovery Awarded Contract for New Mega Desalination Plant in UAE

Mirfa is the Fourth Mega Desalination Plant in the UAE to Implement the Reliable PX Energy-Saving Technology

SAN LEANDRO, Calif., Dec. 18, 2014 (GLOBE NEWSWIRE) --[Energy Recovery](#), Inc. (Nasdaq:ERII), the leader in recycling fluid pressure in the oil and gas, chemical and water industries, today announced the Company was awarded the Mirfa mega desalination plant project for its highly reliable [PX Pressure Exchanger](#) technology in Abu Dhabi, United Arab Emirates. Mirfa has a production capacity of 136,000 cubic meters per day, tying the Fujairah 1 Expansion as the largest desalination plant reference for Energy Recovery in the UAE.

Power demand in Abu Dhabi is growing at a rate of more than 10 percent a year, while water consumption is projected to rise from 880 million imperial gallons a day at present to 1.15 billion by 2021 as a result of new industrial developments and a fast-growing population. Every year in the UAE alone, Energy Recovery's technology helps produce 405,818,685 liters of water per day and preserves 470,671,591 kWh of energy and \$47,067,159 in cost savings. In the country, [these savings amount to 324,552 metric tons of carbon dioxide](#). This is equivalent to taking about 70,000 vehicles off of the road permanently.

"As water and energy demand increase around the globe, more countries are looking to our pressure exchange technology to provide cost effective and energy efficient solutions," said [Tom Rooney](#), Energy Recovery CEO. "As the fourth mega desalination plant in the UAE and the 13th overall, the PX Q300 implementation at Mirfa further validates the technology's strong performance, track record and OEM preference."

After the new technology is fully integrated to the Mirfa plant, the project will have total power generating capacity of 1,600 megawatts and the capacity to deliver nearly 240,000 cubic meters of drinking water per day.

Energy Recovery's [PX pressure exchanger](#) and [AT TurboCharger](#) technologies are the most efficient and reliable solutions on the market in energy recovery for desalination. This award-winning family of products is unmatched in the industry and is widely adopted around the world for seawater desalination projects, both large and small.

About Energy Recovery

Energy Recovery (Nasdaq:ERII) develops award-winning solutions to improve productivity, profitability, and energy efficiency within the oil & gas, chemical, and water industries. Our products simplify complex systems and protect vulnerable equipment. By recycling fluid pressure that would otherwise be lost in critical processes, we save clients more than \$1.4 billion (USD) annually. Headquartered in the Bay Area, Energy Recovery has offices in Barcelona, Shanghai, and Dubai. Learn more at www.energyrecovery.com.

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