



PRESS RELEASE

---

**FOR IMMEDIATE RELEASE**

Audrey Bold  
Energy Recovery Inc.  
Ph: 510-483-7370

**440,000 m<sup>3</sup>/day – SWRO Desalination Plants In Spain Saving Energy with PX® Technology**

*Two of Europe's largest Desalination Plants, Torrevieja and Barcelona were Designed with ERI® Solution.*

**San Leandro, Calif., October 11, 2007** – Energy Recovery, Inc. (ERI®), the global leader of ultra-high-efficiency energy recovery products and technology for reverse osmosis (RO), receives energy recovery contract awards for the largest desalination plants in Spain. The Torrevieja Desalination Plant, located in Alicante Spain, has a total capacity of 240,000 m<sup>3</sup>/day (63.3 million gallons per day). Spain's largest SWRO facility, also considered to be one of the largest in the world, will be built with PX Pressure Exchanger® (PX®) Technology. The Barcelona Desalination Plant, providing 200,000 m<sup>3</sup>/day (52.8 MGD) of potable water to the coastal region is also being equipped with ERI's energy recovery devices.

The Torrevieja plant, built by a Spanish consortium lead by Acciona Agua, will have an initial production capacity of 240,000 m<sup>3</sup>/day of which half will be used for irrigation purposes. The project will include over 300 ERI PX-220 Pressure Exchanger devices to produce an extremely dependable and affordable water solution for the region. Utilizing PX technology significantly reduces power consumption costs which in turn reduces bioclimatic and environmental impacts. Torrevieja is expected to produce desalinated water by the end of 2008.

The Barcelona plant from UTE Dessaladora Barcelona, a consortium consisting of Agbar, Degrémont, Dragados and Drace which is designing and building the plant for Aigües Ter-Llobregat (ATLL), singled out ERI's PX Technology as the energy recovery solution. Also, one of the largest SWRO desalination plants in Europe and the Mediterranean, the Barcelona Desalination Plant will provide 20% of the city's water supply to its population. The Barcelona

plant is a principal and essential source for producing water for urban consumption in the city, allowing lower extraction levels from the rivers Ter and Llobregat. It is intended to guarantee and complement the water demand for the Barcelona metropolitan area. The plant is projected to start production of potable water in 2009

Borja Blanco, ERI Vice President, Large Projects Group, stated "To win these outstanding projects is truly gratifying. This propels the company's technology to unprecedented levels, with a substantial percentage of new plants in Spain and around the world being built with PX technology. We are extremely pleased to provide EPC contractors and end users alike with an environmentally responsible solution for their water needs. "

Earlier this year, ERI was awarded the Global Water Awards 2007 Environmental Contribution of the Year by desalination industry leaders. In addition, the Company was named the 2006 and 2007 U.S. Export-Import Bank and US Commerce Department's "Environmental Exporter of the Year," an honor awarded for its technological leadership and innovation in bringing cost-effective desalination to nations around the globe. The San Leandro, California-based company also received the European Desalination Society's prestigious Sidney Loeb Award for outstanding innovation in 2006.

Currently, ERI's patented PX technology is making cost-efficient desalination of seawater possible in over 30 countries world-wide, covering six continents.

#### **About ERI® and the PX®**

Energy Recovery, Inc. (ERI) is the global leader in high efficiency energy recovery products and technology. Our PX Pressure Exchanger® (PX) energy recovery device is making desalination affordable. The PX device is rotary positive displacement pump that recovers energy from the high-pressure waste stream of SWRO desalination systems at up to 98% efficiency with no downtime or scheduled maintenance. Since its introduction in 1997, PX technology has emerged as the industry standard solution for SWRO desalination. There are currently over 5,400 PX units installed or contracted in SWRO plants worldwide, significantly reducing the cost to produce over 4.5 million cubic meters of fresh water per day, and saving customers an estimated 502 MW of energy or \$264 million a year in operating costs.

ERI's headquarters is situated in the San Francisco Bay Area; San Leandro, California USA with offices around the globe including: Sunrise, Florida; Madrid, Spain; Dubai, UAE; Shanghai, China; and service representatives in Sydney, Australia, India, Korea, North Africa, Mexico, Taiwan and the Caribbean. For more information, please go to [www.energyrecovery.com](http://www.energyrecovery.com).

---

---