

GE Power & Water Water & Process Technologies

GE's Water & Process Technologies brings together experienced professionals and advanced technologies to solve the world's most complex challenges related to water availability and quality, increased productivity and cost reduction, and environmental regulations to enhance our customers' efficiency while protecting our environment.

GE offers the broadest portfolio of water and process technologies, including: separation equipment; membrane and filtration technology; monitoring solutions; analytical instruments; specialty chemicals; mobile water capabilities; service; and financing. GE is your single source no matter what your water or process need.

GE is committed to develop and bring to market technologies that promote energy efficiency, lower harmful emissions, increase supplies of water, and reduce our use of fossil fuel — it's called ecomagination.

GE's ecomagination technologies and solutions help customers solve water quality and water scarcity demands.

Applications

- Chemical processing
- Commercial and institutional facilities
- Desalination solutions
- Food and beverage production
- General manufacturing
- Healthcare
- Hydrocarbon processing
- Industrial wastewater
- Ingredient water
- Measurement solutions
- Microelectronics
- Mining and mineral processing
- Municipal water and wastewater treatment
- Pharmaceutical and life sciences
- Power generation
- Primary metals production
- Process chemicals and separations
- Residential
- Utility solutions
- Water scarcity relief

Water & Process Technologies History of Innovation

- 1999** Glegg Water Conditioning, now a leader in providing innovative pure water solutions for industrial and engineering companies worldwide, is acquired by GE and becomes GE Water.
- 2002** BetzDearborn is acquired by GE and becomes GE Betz.
- 2003** Osmonics, Inc., headquartered in Minnetonka, MN, and one of the world's largest integrated manufacturers of water treatment machines, components and equipment for the industrial, commercial and institutional markets, is acquired by GE and becomes GE Osmonics.
- 2004** Ionics, Inc. acquires Ecolochem, a leading provider of emergency, short and long-term mobile water treatment services. Water & Process Technologies, a division of GE Infrastructure, is formed through the integration of GE Betz, GE Osmonics and GE Water.

**GE Enters the
Water Business:**
1999

Global Offices:
Heverlee, Belgium
Sao Paulo, Brazil
Shanghai, China

President and CEO:
Heiner Markhoff

Employees:
8,000

Web Site:
www.ge.com/water

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Trevose, PA 19053
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- 2005** GE purchases Ionics to expand capabilities in desalination, water recycle/reuse and mobile water/emergency water services.
- 2006** GE purchases ZENON Environmental. ZENON brings industry- leading ultrafiltration membrane technologies and MBR solutions that provide water/wastewater treatment and water reuse solutions for municipal, industrial, and land development applications.
- 2007** GE launches TrueSense, a Monitoring Solutions platform to complement its line of water treatment chemicals.
- 2008** GE launches the Osmo Titan reverse osmosis system for compact treatment of variable water quality.
- 2008** GE launches GenGard, a patented polymer that is part of its advanced cooling solutions platform.
- 2009** GE launches ZeeWeed 1500, a versatile and pressurized membrane suited for use in numerous applications.
- 2009** In June, The GE/NUS Singapore Technology Center opens its doors in the campus of the National University of Singapore.
- 2009** GE launches the Muni.Z depth filter for municipal water pre-filtration.
- 2009** GE launches the PROPAK system, which combines ultrafiltration with reverse osmosis for reliability, 35% reduction in footprint, installation simplicity and monitoring capability.
- 2009** In June, GE opens the Water & Process Technology Center in Dammam, Saudi Arabia. The plant will manufacture a variety of water and process chemical products.
- 2009** In November, GE hosts the inaugural event *Water Reuse ... From Used to Useful Leadership Summit*, which convened academics, industry and municipal officials to discuss the role of water reuse as a way to secure a sustainable water supply for the future.



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