

Water and Wastewater



Meet the demand management goals of your organization

Help your key Water and Wastewater customers:

- ***Improve energy efficiency***
- ***Increase treatment capacity in a sustainable manner***
- ***Deal with increasingly strict environmental regulations and water resource needs***
- ***Select new technologies to enhance treatment capabilities***

“The work done under the Water & Wastewater Program made possible the acceptance of UV disinfection by the drinking water industry.”

*- Research Program Manager,
Large Northeastern Utility*

Global Energy Partners' Water and Wastewater Membership Program focuses on advancing energy efficiency, demand response, and innovative technology applications in the municipal and industrial water and wastewater treatment sectors. In this collaborative program, Global's expert team guides members to deliver energy savings, peak demand reductions, and greenhouse gas reductions to customers in this energy-intensive sector.

The Water and Wastewater Membership Program provides guidance at a fraction of the cost of in-house development or proprietary consulting. Fees are minimized by the multi-client membership, but the deliverables are tailored to each specific member's needs through inquiry access to experts, on-site visits, and by enabling each member to drive topics for publications and reports.

The Water and Wastewater Program assists members to:

- Reach utility energy efficiency and peak load management objectives
- Improve customer communications and relations
- Save customers money
- Enable customers to benefit from reduced greenhouse gas emissions

Meeting your needs and those of your Water and Wastewater Customers

The Global Water and Wastewater Program was the first to design a national effort to engage both electric and water/wastewater utilities on the interrelationships between water and energy. This team of experts is again taking a national lead in providing innovative solutions including:

- Pioneering the use of energy assessments looking at process modifications
- Advancing technologies such as ozone and UV radiation to enhance water disinfection
- Conducting studies of enhanced technologies and practices for converting wastewater digester biogas into electricity
- Providing input to EPA's office of "Energy Star" in the development of a national "Water Star" program
- Working with the US Green Building Council to incorporate additional water credits for sustainable water management
- Working with EPA and national research agencies on developing decentralized wastewater technologies and practices
- Working on trend setting analysis to evaluate how energy is used in wastewater treatment processes and the relationship with greenhouse gases emissions

The 2008 Water and Wastewater Membership Program allows Program members to engage and support industry and their customers through:

- Customized information on water treatment and utilization technologies
- Expert perspective on new energy and water initiatives
- Guidance on technology demonstrations and pilot programs
- Contacts to local and national environmental resources
- Staff and customer training opportunities

Water and Wastewater Program Deliverables

Technical Reports/Tech Reviews/Fact Sheets

- Two or more technical documents providing practical information on key technologies and strategic issues impacting water and wastewater treatment customers. These documents can be branded to your energy company to share with your customers. Our program experts and members collaborate to decide each year's topics. Potential topics for 2008 include:
 - > Water reuse technologies and practices
 - > Water treatment process optimization for energy efficiency
 - > Methane recovery in wastewater plants as a renewable resource
 - > Advanced membrane bioreactors to improve treatment efficiencies
 - > Emerging advanced water treatment technologies

Quarterly Newsletter

- The quarterly newsletter *Clear Solutions* features original articles and analysis of trends and technologies shaping the use of energy in the water and wastewater treatment sectors.
 - > *Clear Solutions* can be customized with your logo and contact information for distribution

One Day Workshop

- Our program manager will conduct a workshop at a location of your choice for your staff and/or a group of your customers. The agenda is agreed between you and our program manager to suit your objectives.

One Day Visit to One or Two Key Customers' Facilities

- Our Program Manager will accompany you to conduct a walk through of one or two of your customers' facilities to identify energy efficiency and/or demand response opportunities.

Resource Library

- An expanding web-based resource library of over 30 technical reviews and fact sheets profiling innovative technology applications and energy efficiency best practices.
 - > Includes original content developed and updated by Global as well as the best publicly available content screened by Global for quality and relevance

Web Tools and Calculators

- Web-based tools to help calculate the energy impacts of energy-use technologies.

Summit Meeting

- Complimentary registration for Global's annual Summit Meeting.
 - > A venue to hear new technical presentations and discuss current and future program activities
 - > The meeting is typically hosted in conjunction with one of our members

Inquiry Privileges

- Our experts are on-call via phone and e-mail to quickly answer questions on energy use and new technologies, speak with your customers if appropriate, and direct members to appropriate resources

Webcasts

- Webcasts to educate members and their customers on timely technical subjects.

**For More
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