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Water Environment Federation

CEE Program Meeting
Municipal Water-Wastewater Committee Session
Thursday, June 3rd, 2010

Who is WEF?

- **Established:** 1928

- **Mission:**

- Develop and promote practices and policies, which assist our members to serve the public interest in providing efficient and environmentally protective water quality and wastewater management services.
- Deliver high quality products and services to members and stakeholders.
- Promote scientifically sound environmental practices and regulation.
- Educate members, the public and policy makers.
- Promote and advance the water quality profession.
- Promote public health by preserving and enhancing the global water environment.

- **Membership:** more than 36,000 individual members and 75 affiliated Member Associations representing water quality professionals throughout the world

WEF and Energy

WEF Position

WEF will work with all stakeholders to better understand the global implications of climate change on water resources, aid in mitigating future impacts, and adapt the nation's infrastructure to meet supply challenges.

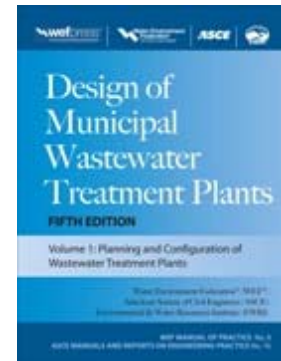
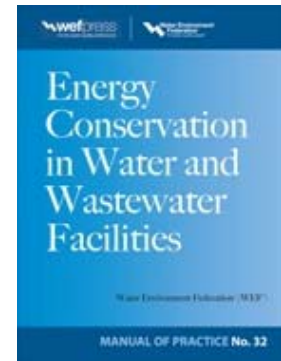
We call on all levels of government to work with water quality professionals and water, wastewater, stormwater and water resource utility managers to:

1. Address major contributions to climate change by making the Water Sector more energy efficient and minimizing greenhouse gas emissions;
2. Optimize reuse and recycling of biosolids, biogas and water;
3. Plan innovative strategies and build “green infrastructure,” which is both adaptive to climatic changes and sustainable;
4. Encourage adaptation by developing strategies to minimize environmental, economic, and public health risks that will result from climatic changes in the environment; and
5. Create a global research network to identify the uncertainties in scientific knowledge and clarify probabilities of climate change.

What does WEF offer relative to energy?

Publications

- *Energy Conservation in Water and Wastewater Facilities* – Manual of Practice No. 32 (2009)
- *Design of Municipal Wastewater Treatment Plants* – Manual of Practice No. 8 (2009)



What does WEF offer relative to energy?

Publications (cont)

- Magazines/Journals:

- WE&T
- Water Environment Research
- World Water

- Technical Practice Updates:

- *Protocols for Estimating Greenhouse Emissions from Municipal Wastewater Sources*
- *Direct Addition of High Strength Organic Waste to Municipal Wastewater Anaerobic Digesters*



What does WEF offer relative to energy?

Conferences

- WEFTEC

- Workshops, Technical Sessions

- Conferences

- Sustainability 2008
- Cities of the Future 2010
- Energy and Climate Change 2011



Organized by the Water Environment Federation and the International Water Association in cooperation with the Water Quality Association and the Water Environment Research Foundation.

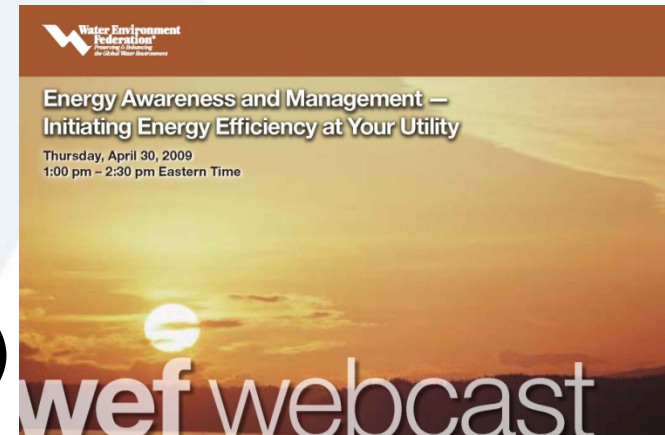
www.wef.org/CitiesoftheFuture



What does WEF offer relative to energy?

Webcasts

- Energy Awareness and Management: Initiating Energy Efficiency at Your Utility (April '09)
- Running an Energy-Efficient Wastewater Utility: Modification That Can Improve Your Bottom Line (June '09)
- Co-Digestion of Organic Wastes at Wastewater Treatment Plants (July 14, 2010)



What does WEF offer relative to energy?

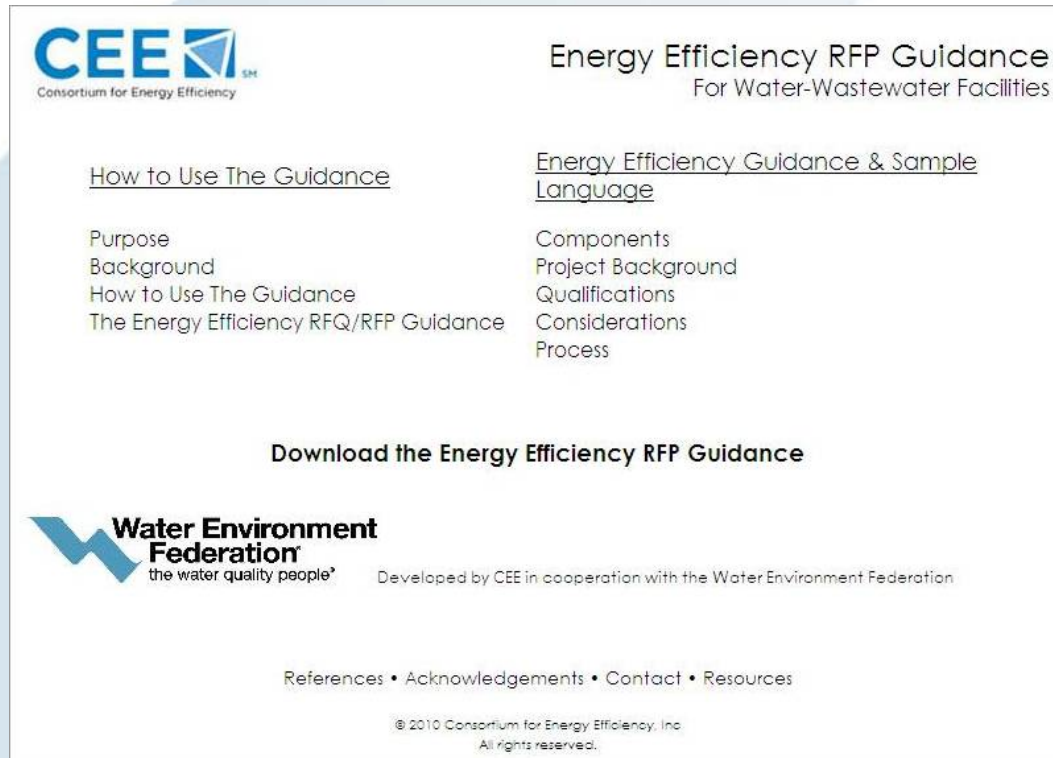
Committees

- Residuals and Biosolids Committee's Bioenergy Technology Subcommittee
- Sustainability Community of Practice's Energy and Climate Change Group
- Municipal Wastewater Treatment Design Committee, Plant Operations & Maintenance Committee, Utility Management Committee



How can CEE and WEF work together?

Energy Efficiency RFP Guidance for Water-Wastewater Facilities



The image shows the cover page of a document titled "Energy Efficiency RFP Guidance For Water-Wastewater Facilities". The page features the CEE logo (Consortium for Energy Efficiency) in the top left and the Water Environment Federation logo in the bottom left. The main title is centered at the top. Below the title, there are two columns of links: "How to Use The Guidance" and "Energy Efficiency Guidance & Sample Language". Under "How to Use The Guidance" are links for Purpose, Background, How to Use The Guidance, and The Energy Efficiency RFQ/RFP Guidance. Under "Energy Efficiency Guidance & Sample Language" are links for Components, Project Background, Qualifications, Considerations, and Process. A central button reads "Download the Energy Efficiency RFP Guidance". At the bottom, there are links for "References • Acknowledgements • Contact • Resources" and a copyright notice: "© 2010 Consortium for Energy Efficiency, Inc. All rights reserved."

CEE
Consortium for Energy Efficiency

Energy Efficiency RFP Guidance
For Water-Wastewater Facilities

[How to Use The Guidance](#)

[Energy Efficiency Guidance & Sample Language](#)

Purpose
Background
How to Use The Guidance
The Energy Efficiency RFQ/RFP Guidance

Components
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Download the Energy Efficiency RFP Guidance

Water Environment Federation
the water quality people®

Developed by CEE in cooperation with the Water Environment Federation

[References • Acknowledgements • Contact • Resources](#)

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How can CEE and WEF work together?

- “Hot Topic”/Invited Session or workshops at WEFTEC2011
- Collaborate on 2011 Energy and Climate Change Conference
- Webcasts