

U.S. EPA's Local Climate and Energy Webcast Series Presents:

Energy Efficiency in Water and Wastewater Facilities

Telephone call-in number: (877) 506-7699

We will start in a few minutes. Thank you for joining us.



**State and Local
Climate and Energy Program**





Energy Efficiency in Water and Wastewater Facilities

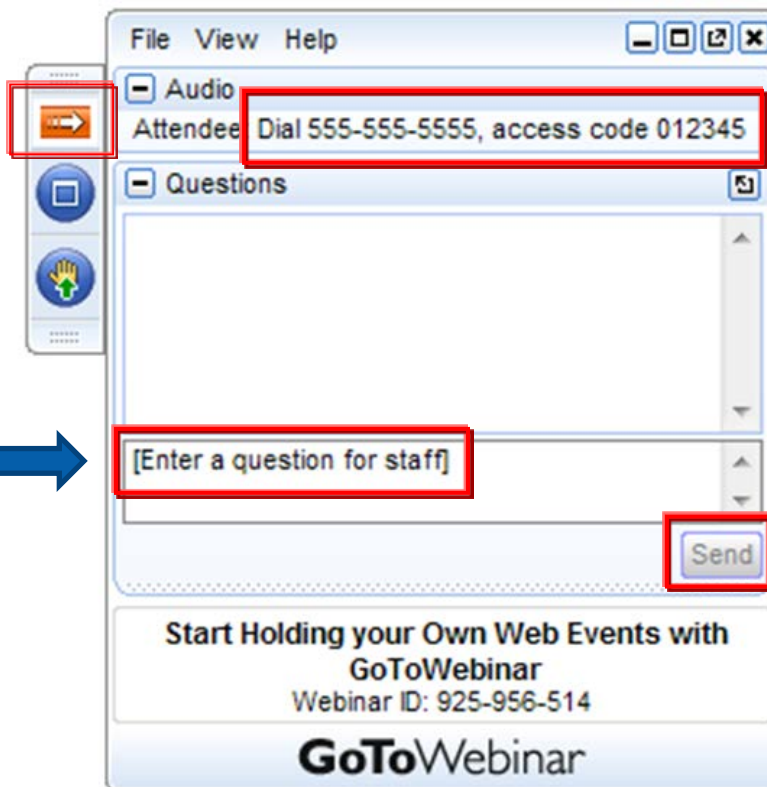
October 30, 2013

2:00 PM ET – 3:30 PM ET

Telephone call-in number: (877) 506-7699

How to Participate Today

Open and close
your control
panel



Audio is only
available by
telephone
Dial: (877) 506-7699



Participants are on mute
Type in your questions
and indicate the
speakers



Hit "send" to
submit your
questions



If you experience technical difficulties, please contact
Wendy Jaglom at: Wendy.Jaglom@icfi.com

Webcast Agenda



- **Welcome and Introduction**
Emma Zinsmeister, U.S. EPA State and Local Climate and Energy Program
- **Energy Efficiency for Water Utilities**
Jim Horne, U.S. EPA Office of Wastewater Management
- **Greater Lawrence Sanitary District Energy Efficiency Program**
Michael DiBara, Massachusetts Department of Environmental Protection
Richard Weare, Greater Lawrence Sanitary District
- **Tennessee Water and Wastewater Energy Efficiency Partnership**
Bob Freeman & Brendan Held, U.S. EPA Region 4
- **Q&A Session**
- **Optional Feedback**

Files and audio recordings of today's webcast will be available at:
www.epa.gov/statelocalclimate/web-podcasts/index.html



U.S. EPA's State and Local Climate and Energy Program

Bridging the Gap Across Environment and Energy Decision-Making



Helping state and local governments reduce GHGs

- We use co-benefits strategies to achieve GHG and policy goals
 - Environmental, energy, economic, health benefits
 - Example: EE/RE/CHP can lower costs to comply with air standards
- We foster inter-agency collaboration
 - States – air offices, energy offices, PUCs
 - Locals – planning, environmental services, energy and many other related departments
- We help state and local governments make the case for action
 - Best practice-based policy approaches
 - Analytical tools and information
 - Communications resources including peer exchanges, lessons learned
- **All our resources are available at:**

www.epa.gov/statelocalclimate



U.S. EPA's State and Local Climate and Energy Program

Bridging the Gap Across Environment and Energy Decision-Making



Resources for local governments

- Climate Showcase Communities www.epa.gov/climateshowcase
 - 50 models of local climate change action
 - Case studies, templates, and other resources to support replication
- Key Guidance and Tools
 - Comprehensive Local Climate and Energy Website www.epa.gov/statelocalclimate
 - ★ **Local Government Climate and Energy Strategy Series** on EE, RE, transportation, waste management, and community design topics www.epa.gov/statelocalclimate/web-podcasts/local-webcasts.html
 - Newsletter updates on new funding opportunities, tools, and events www.epa.gov/statelocalclimate/web-podcasts/local-webcasts.html
 - Access to other federal technical support programs
- Peer Exchanges
 - Local Climate and Energy Webcast Series on mitigation and adaptation topics <http://www.epa.gov/statelocalclimate/web-podcasts/index.html>



EPA Guide for Local Governments on Reducing Greenhouse Gas Emissions Through Energy Efficiency in Water Facilities



- Comprehensive information for local government staff and policy makers on:
 - Environmental, economic, and human health benefits
 - A step-by-step approach to energy management
 - Key stakeholders to engage
 - Policy mechanisms for initiating programs
 - Implementation strategies for success
 - Investment and financing opportunities
- Key features:
 - Case studies and examples from communities across the United States
 - Links to technical resources, analytical tools, and sources of funding
- Part of EPA's *Local Government Climate and Energy Strategy Series*
 - [Download](#) your copy today!

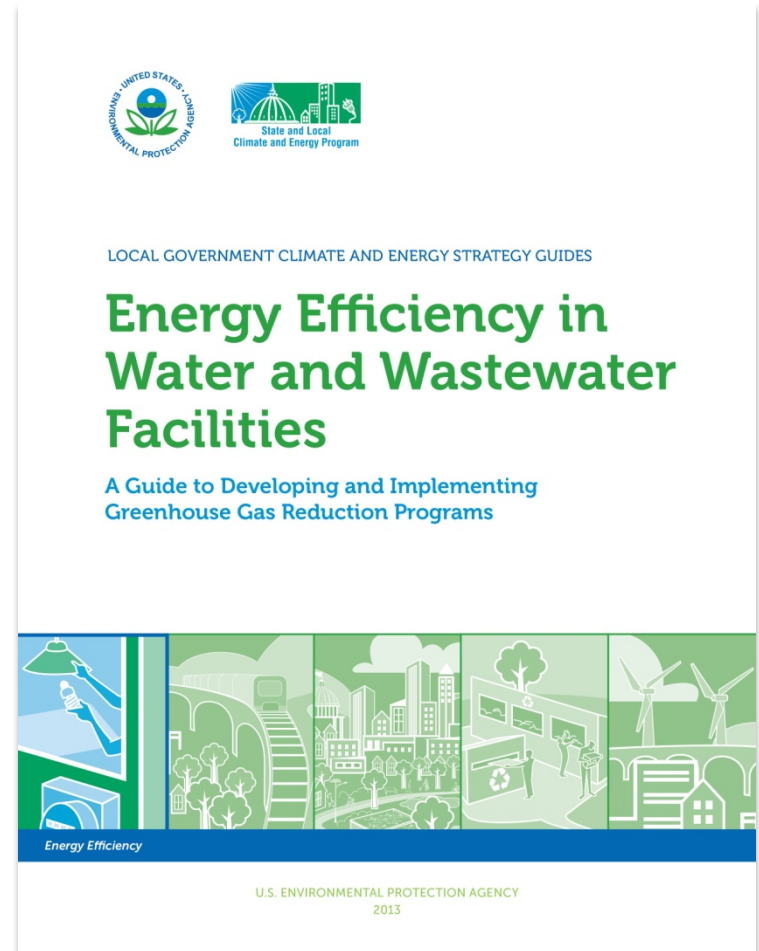


FIGURE 1. ENERGY INTENSITY OF EACH STAGE IN THE WATER USE CYCLE, WITH KEY OPPORTUNITIES FOR ENERGY EFFICIENCY, RENEWABLE ENERGY, AND WATER EFFICIENCY.

Sources: California Energy Commission, 2005; U.S. EPA, 2010a; U.S. EPA, 2010b; Energy Center of Wisconsin

Sneak Peak!

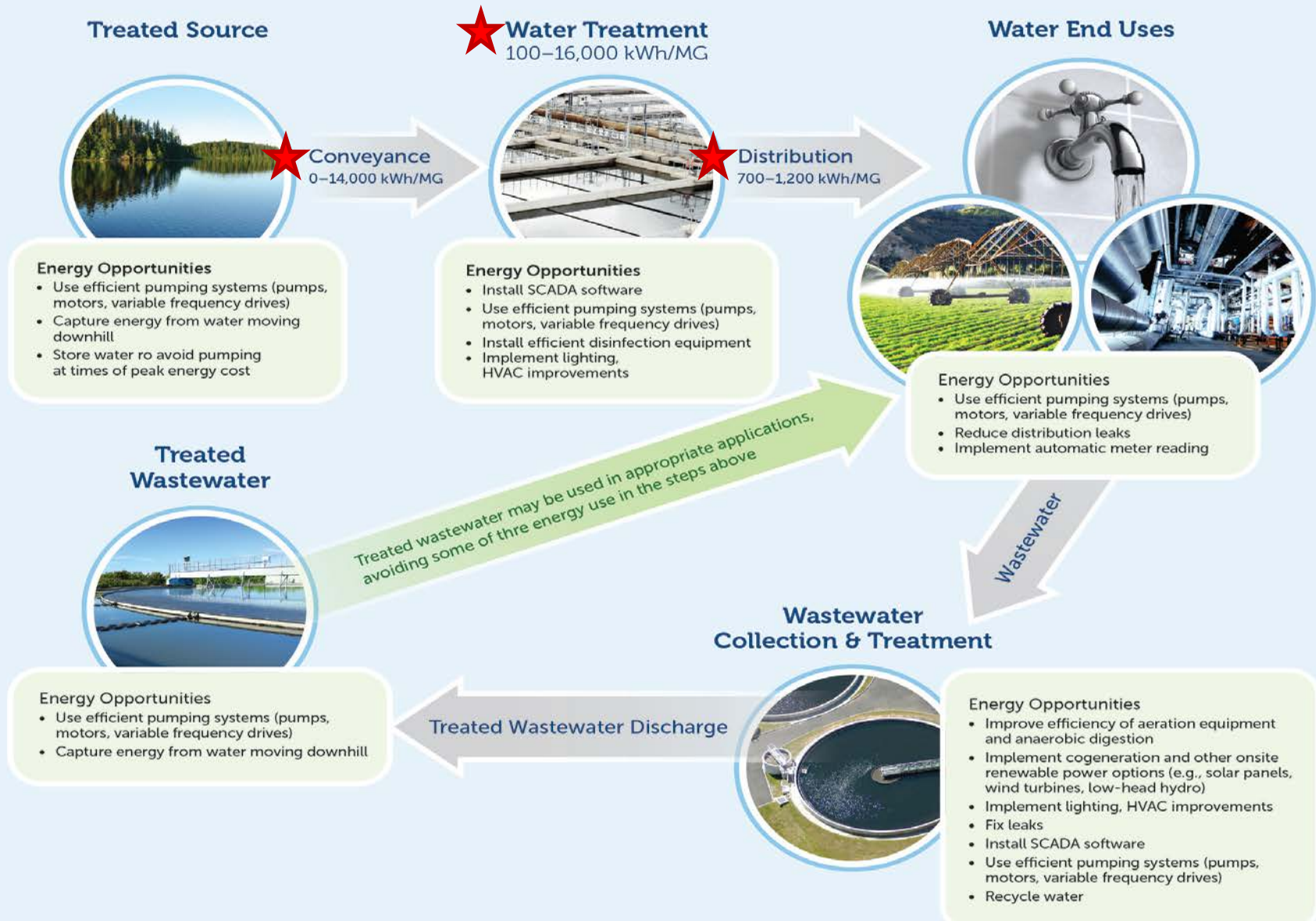
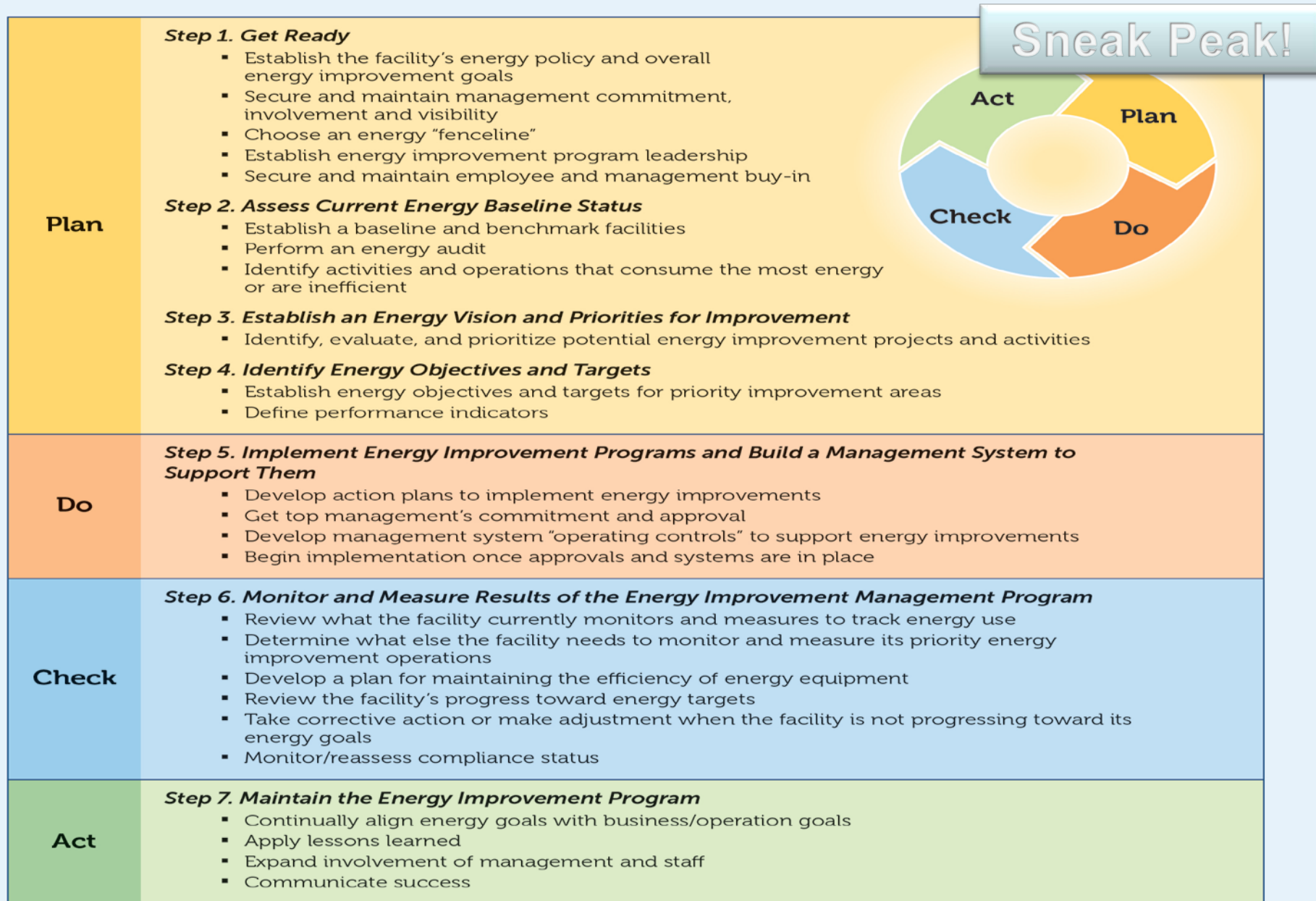


FIGURE 2. STEPS FOR DESIGNING, IMPLEMENTING, AND SUSTAINING ENERGY EFFICIENCY IMPROVEMENTS IN WATER AND WASTEWATER FACILITIES



Based on U.S. EPA, 2008.

Contact Information



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Reminders:

- [Download](#) the guide
- Provide feedback on the webcast

