
 <p>FEMP FIRST THURSDAY SEMINARS energy economy environment... online, live, and anytime.</p>	<h1 style="color: green;">Water Efficiency: Planning and Implementation</h1>
<p style="color: red;">All supporting Course Materials are Posted Here</p>	
<p style="color: purple;">Live Satellite Broadcast Instructions - Webcast Instructions & Links - FAQ</p>	
<h2>Water Efficiency Course Description</h2>	
Title:	Energy 101
Length of Course:	90 Minutes
Format:	Live via satellite or streaming video on your desktop Discussion format will allow opportunities to ask questions of the instructor and a DOE Federal Energy Management Program (FEMP) expert
Date:	Live on Thursday, April 1st, 2010 Archived for later viewing on demand and download after the live broadcast
Course Description	<p>Water Efficiency: Planning and Implementation provides an overview of strategic planning for water management, providing viewers an overall process for developing and implementing a water efficiency program. Discussed in the seminar are:</p> <ul style="list-style-type: none"> • the regulatory basis and Executive Orders concerning water efficiency including Executive Order 13514 • establishing baseline measurements; • determining end uses of water; • walk through surveys; • understanding your water bill; • water saving technologies; • landscaping and irrigation resources; • cooling tower efficiencies; • water reuse; • leak detection; • water efficiency financing options; and, • drought management.
Audience	Water Efficiency is designed for new federal energy managers and other new energy and environmental professionals who are relatively new to the field and want an introduction to water efficiency.
Learner Objectives	After completing this seminar, you will be able to: <ol style="list-style-type: none"> 1. Access relevant Legislation and Executive Order requirements as they apply to water efficiency. 2. Determine how you will establish baseline measurements to determine your current water use. 3. Understand the basics of a water auditing. 4. Understand your water bill. 5. Build a strategy for increasing water efficiency in your facility including indoor water use, landscape irrigation, cooling towers, water reuse, and leak detection. 6. Consider various options for financing water efficiency projects. 7. Discuss responses to drought and other water related challenges.
Instructor	
	<p>Kate McMordie Stoughton</p> <p>Kate McMordie Stoughton is a water resources engineer with Pacific Northwest National Laboratory, specializing in Federal water management. Ms. McMordie currently leads the water efficiency team for PNNL, working with the Federal Energy Management Program Water Efficiency program. Some of Ms. McMordie's work includes the development and instruction of Water Resource Management Workshops as well as the development of</p>

strategic plans for water management at Federal sites. Ms. McMordie holds a B.S. in Civil Engineering from the University of Colorado, is a Certified Energy Manager (CEM), and is a Leadership in Energy and Environmental Design (LEED) Accredited Professional.

Course Preparation	
Before attending the Seminar	<p>To prepare yourself for the Water Efficiency seminar, please spend 30 minutes reviewing the following websites. This will help you become more aware of resources available to you.</p> <p>FEMP: http://www1.eere.energy.gov/femp/program/waterefficiency.html</p> <ul style="list-style-type: none"> • Federal directives and guidance • Best Management Practices • Training • Resources <p>EPA Water Sense: http://www.epa.gov/watersense/</p> <p>Alliance for Water Efficiency: http://allianceforwaterefficiency.org</p>
Learner Guide	<ol style="list-style-type: none"> 1. Make certain you are registered at http://208.83.48.222/workshops/registration.ws 2. Printout the Learner's Guide and PowerPoint Handout of the slides used in the presentation at the links below. 3. After you have completed the seminar, you will be provided a link to the evaluation and quiz, and will receive a Certificate of Completion for the course. Note: The certificate of completion is not valid for any form of continuing education, accreditation, or certification program.
Print	<p>Note: These are PDF files. If you do not have Adobe Acrobat to open the file click here: http://get.adobe.com/reader/</p> <p>To view and print Learner's Guide click here: Water Efficiency</p> <p>To view and print Presentation Handouts click here for: Water Efficiency (quick print version), or Water Efficiency (large color version).</p> <p>For a printable copy of this webpage click here: Course Details</p>
Facilitator Guide	<p>Click here: Facilitator Guide (Read and Print): Facilitator Guide</p> <p>Click here: (Online Form) Roster for Facilitated Groups (Print): Roster for Facilitated Groups</p> <p>Click here: Course Announcement (Read and Print): Course Announcement</p>
Ask the Experts Questions during the live satellite broadcast	<p>Call - Live Call-in number 800-775-3728 (not a technical help line, for seminar content questions only)</p> <p>Fax - 865-381-0554</p> <p>Email – ruleb@tds.net</p> <p>Click here for Technical help</p>
Ask the Experts Questions After the broadcast	<p>Questions specific to the Seminar Content - Contact ruleb@tds.net</p> <p>Questions about the FEMP Program - Contact Joe Konrade at 202-586-8039 or joseph.konrade@ee.doe.gov</p> <p>Registration issues or questions - Contact FEMP Central at femphelp@ppc.com</p>
Technical Considerations	<p>Click here for Technical help</p>
FEMP Training Home - First Thursday Seminars - Course Materials - Technical Information and Troubleshooting	
