



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

OFFICE OF  
AIR AND RADIATION

February 3, 2012

Dear ENERGY STAR® Water Cooler Stakeholder,

The U.S. Environmental Protection Agency (EPA) and Department of Energy (DOE) are pleased to share with you the attached Draft 2 ENERGY STAR Water Cooler Test Method. EPA and DOE received stakeholder comments on the Draft 1 Test Method and have made several modifications in response to these comments. EPA and DOE will host a webinar to discuss this Draft 2 version on February 16, 2012, and anticipates finalizing the test method in March. Once this test method is finalized, EPA will work with stakeholders to revise the ENERGY STAR Eligibility Criteria beginning with the development of a Draft 1 Version 2.0 specification.

**Summary of Modifications to Draft 1 Test Method**

- Removed air-source units from scope.
- Changed “Standby mode” and “Active mode” terminology to “On Mode with No Water Draw” and “On Mode with Water Draw,” respectively, for clarity.
- Included an initialization period for On Mode with No Water Draw testing.
- Simplified and condensed On Mode with Water Draw testing to determine unit performance and energy consumption due to water delivery.
- Included guidelines for calculating On Mode with No Water Draw energy consumption.
- Energy consumption for water coolers can vary while in On Mode with Water Draw. Therefore, an On Mode with Water Draw test has been added to support further consideration of whether and how to address this aspect of water cooler energy use within the ENERGY STAR program.

Stakeholders are encouraged to provide written comments on the proposed test method via email to [watercoolers@energystar.gov](mailto:watercoolers@energystar.gov) **no later than February 24, 2012**. All comments will be posted to the ENERGY STAR Water Cooler website unless the submitter requests otherwise.

**Stakeholder Webinar to Review Proposed Test Method**

EPA invites stakeholders to participate in a webinar on **February 16, 2012, from 1-3 PM EST**, to discuss the proposed ENERGY STAR Water Cooler Test Method and address stakeholder questions and comments. To RSVP, please email [watercoolers@energystar.gov](mailto:watercoolers@energystar.gov). Further details and a detailed agenda will be distributed to confirmed attendees in advance of the webinar.

**Schedule**

Next steps in development and finalization of the Water Cooler Test Method are as follows:

<b>Thursday, February 3, 2012</b>	Distribution of Proposed Water Cooler Test Method
<b>Thursday, February 16, 2012</b>	Webinar Meeting on Proposed Water Cooler Test Method
<b>Friday, February 24, 2012</b>	Stakeholder Comment Period Closes
<b>March 2012</b>	Final Draft Water Cooler Test Method Distributed

To follow EPA’s progress in revising the ENERGY STAR Water Cooler specification, visit the ENERGY STAR Product Development website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs) and click on “Water Coolers”.

Please direct any specific questions to: Paul Karaffa, EPA, at [karaffa.paul@epa.gov](mailto:karaffa.paul@epa.gov) or (202) 343-9401; Dave Beavers, CADMUS Group, at [david.beavers@cadmusgroup.com](mailto:david.beavers@cadmusgroup.com) or (617) 921-4871; or Bryan Berringer, DOE, at [bryan.berringer@ee.doe.gov](mailto:bryan.berringer@ee.doe.gov) or (202) 586-0371.

Thank you for taking the time to review this draft test method. DOE and EPA look forward to working with you over the next few months to finalize the ENERGY STAR Water Cooler Test Method.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Karaffa', with a stylized flourish at the end.

Paul Karaffa  
ENERGY STAR Program  
United States Environmental Protection Agency