

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



OFFICE OF
AIR AND RADIATION

January 20, 2012

Dear ENERGY STAR® Automatic Commercial Ice Maker (ACIM) Manufacturer or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) welcomes your input on the Final Draft ENERGY STAR Version 2.0 Automatic Commercial Ice Maker specification and Draft Test Method containing added guidance for Remote Condensing Units (RCUs) designed for connection to remote rack compressors. Stakeholders are encouraged to submit comments on these draft documents to EPA no later than **February 10, 2012**.

Draft ENERGY STAR Test Method

On January 11, 2012, the U.S. Department of Energy (DOE) published the *Energy Conservation Program: Test Procedure for Automatic Commercial Ice Makers* final rule (10 CFR Part 431 Subpart H). As indicated throughout this revision process, EPA's intent was to reference it as the appropriate test method for ENERGY STAR qualification.

In its final rule, DOE clarified that RCUs sold exclusively for connection to a remote compressor rack are not subject to DOE regulations. However, EPA is still interested in including these products within the Version 2.0 scope, if an appropriate test method can be agreed upon during this comment period and their inclusion is consistent with our program guiding principles. Separate from its rule making, DOE has drafted the attached ENERGY STAR Test Method that references 10 CFR Part 431 Subpart H for energy use testing, AHRI Standard 810-2007 for potable water use testing. Included is added guidance for testing RCUs designed for connection to remote rack compressors. EPA seeks stakeholder feedback on a number of issues, which are detailed in note boxes in the Draft Test Method.

DOE and EPA are proposing to hold a webinar on **February 1, 2012** from 11 am – 12:30 pm EST to discuss the draft test method which includes added guidance on testing RCUs designed for connection to remote rack compressors. More details on the webinar can be found toward the end of this letter.

Final Draft Specification Changes

Based on some additional data and the DOE test method publication, the following revisions are proposed in this Final Draft document:

- Updates to definitions and referenced test method to align with DOE published test procedure
- New reference to the (attached) ENERGY STAR Draft Test Method including guidance on testing RCUs designed for connection to remote rack compressors. This new test method is being developed to assure that the compressor energy is included in the overall energy consumption and to allow for comparison with units that are sold with a dedicated remote compressor.
- Exclusion of Ice and Water dispensers. EPA may address these products in the next Version of the specification assuming the inclusion of these types of units in the program remains consistent with program guiding principles.

- New minimum and maximum production capacity qualification limits for Batch Type Ice Makers. EPA is proposing these new criteria are based on additional data received and stakeholder comments. EPA also made slight adjustments to the qualification equations for the three categories (IMH, SCU, and RCU) mentioned by stakeholders to capture a fairer representation across the size spectrum.

More details regarding EPA's rationale for making these changes are included in note boxes inserted throughout the document.

Draft Test Method Stakeholder Webinar

EPA is interested in hosting a web based meeting to discuss the Draft test method on **February 1, 2012** from 11 am – 12:30 pm EST. Stakeholders interested in participating in the discussion should RSVP to icemachines@energystar.gov by **January 30, 2012**.

Effective Dates

EPA intends to finalize the Version 2.0 specification by the **March 1, 2012**. Upon its finalization, all systems covered by this specification that have been certified as meeting the Version 2.0 requirements by an EPA recognized Certification Body (CB) may qualify immediately. Effective **January 1, 2013**, all currently qualified units must meet the Version 2.0 requirements and be third party certified to remain on the ENERGY STAR Qualified Product List. Manufacturers of products that do not meet eligibility and certification requirements as of this date must cease using the ENERGY STAR mark to promote those machine(s).

For more information on EPA recognized laboratories and CBs visit: www.energystar.gov/3rdpartycert.

Submittal of Written Comments

Stakeholders are encouraged to submit written comments on the Final Draft Version 2.0 specification and Draft Test Method for RCUs to icemachines@energystar.gov by **February 10, 2012**. All comments will be posted to the ENERGY STAR Product Development Web site unless the submitter requests otherwise.

To track EPA's progress in revising the ENERGY STAR Automatic Commercial Ice Maker specification, visit the Product Development website at www.energystar.gov/revisedspecs. All specification development materials, including data plots to support the Final Draft proposal, will be posted to this website.

Thank you for taking the time to review this draft specification. Stakeholders with questions or concerns can contact Christopher Kent, EPA, at kent.christopher@epa.gov or (202) 343-9046 and Erica Porras, ICF International, at (703) 225-2487 or eporras@icfi.com.

Sincerely,



Christopher Kent, U.S. EPA
ENERGY STAR Product Specification Development