

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



OFFICE OF  
AIR AND RADIATION

March 13, 2009

Dear Commercial Oven Manufacturer or Other Interested Stakeholder:

On behalf of the U.S. Environmental Protection Agency (EPA), I am pleased to present the Draft 2 Version 1.0 ENERGY STAR® Commercial Oven specification. **Stakeholders are asked to provide comments to EPA by April 10, 2009.**

This latest draft proposal represents: comments received on the Draft 1 specification; feedback provided during the ENERGY STAR stakeholder meeting held on February 4, 2009; and subsequent discussions with various industry experts and manufacturers.

Please note that in order for EPA to consider setting baking energy efficiency and idle energy rate levels for rack ovens under this version of the specification, test data on gas single rack ovens and electric single and double rack ovens must be received by April 10.

Provided below are the key elements of the Draft 2 Version 1.0 specification:

- EPA is continuing to characterize convection ovens based on definitions provided for full and half-size units in Section 1 of the specification. However, these definitions have been slightly modified to require that the ovens be able to accept a minimum of 5 pans. Based on additional analysis, EPA found that cavity size has a minimal impact on idle energy rate and is thus continuing to base convection oven idle energy rate levels on the full and half-size categorization.
- A definition for mini-rack ovens has been added to Section 1. Mini-rack ovens are excluded under this Version 1.0 specification.
- The performance levels for cooking/baking energy efficiency and idle energy rate presented in the previous Draft 1 continue to be proposed in this Draft 2 version, where there is sufficient data. Stakeholders concerned that the EPA data sets may not be representative of the range of efficiencies available in the marketplace are encouraged to submit additional data on **standard efficiency ovens** to either confirm the proposed levels or suggest changes to these levels.
- EPA is interested in covering countertop convection ovens but has limited data on these product types. A suggested approach for testing countertop units is provided in the note box found on Page 5 of the Draft 2 specification. Interested manufacturers are encouraged to assess the performance of their countertop units using this testing approach and share results with EPA **by April 10**.
- EPA is considering *excluding* half-size gas convection ovens and gas/electric rack ovens based on limited data. While EPA currently has sufficient data on double rack gas ovens there is no data yet available on single rack designs within the same gas category. Stakeholders with additional data on these product types are encouraged to submit this data to EPA **by April 10**.

- For oven models that offer different control and/or door types (e.g., glass, solid), all of these options must meet the specification requirements for the model to qualify as ENERGY STAR. An alternative proposal would be to require manufacturers to assign unique model numbers for each control and/or door option.
- Oven models with variable Btu input must meet the cooking/baking energy efficiency and idle energy rate requirements at all available Btu inputs to qualify for ENERGY STAR.
- Manufacturers must disable any set back mode feature while testing ovens for ENERGY STAR qualification.
- EPA will require that a laboratory technician or company representative sign all Qualified Product Information (QPI) forms submitted for ENERGY STAR qualification.
- A new effective date of May 16, 2009 is proposed to allow manufacturers additional time to submit comments and data to EPA during this Draft 2 review process. EPA intends to launch this new ENERGY STAR product category at the National Restaurant Association (NRA) Show, May 16 – 19, 2009. However, if additional time is needed to finalize this specification, EPA will instead use this venue as an opportunity to meet with stakeholders.

More details regarding EPA’s rationale for proposing these requirements are included in note boxes found throughout the document. The Draft 2 specification also revisits several of the topics discussed during the February 4 stakeholder meeting that did not result in specific revisions to the specification requirements.

#### **Comment Submittal Process**

The exchange of ideas and information among EPA, industry, and other interested parties is critical to the success of ENERGY STAR. As such, you are strongly encouraged to provide written feedback to EPA. Please send your comments and any supporting performance data to Rebecca Duff, ICF International, at [rduff@icfi.com](mailto:rduff@icfi.com) by **Friday, April 10**.

All comments will be posted to the ENERGY STAR Product Development Web site unless the submitter requests that their comments remain confidential. If you support the Draft 2 specification, please state this in writing or via email. It is equally important that EPA understand which portions of the draft specification meet with stakeholder approval, in addition to identifying the sections that may need further revision.

To track EPA’s progress in developing the ENERGY STAR specification for commercial ovens, visit the Product Development Web site at [www.energystar.gov/productdevelopment](http://www.energystar.gov/productdevelopment) (Click on “New Specifications Under Development”).

Thank you for taking the time to review this draft specification. Please feel free to contact me directly with any questions or concerns at (202) 343-9046 or via e-mail at [kent.christopher@epa.gov](mailto:kent.christopher@epa.gov).

Sincerely,



Christopher Kent  
ENERGY STAR Product Development