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



OFFICE OF AIR AND
RADIATION

April 20, 2023

Dear ENERGY STAR® Commercial Electric Cooktop Manufacturers and Other Interested Stakeholders:

With this letter, the U.S. Environmental Protection Agency (EPA) is releasing the [ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 2 Specification](#). Stakeholders are encouraged to submit comments to EPA no later than May 22, 2023.

Activities to Date

The ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 1 Specification was released on November 10, 2022. The EPA hosted a webinar on November 30, 2022 to discuss the specification with stakeholders and address any initial concerns and questions. The deadline for submitting Draft 1 comments to EPA was December 22, 2022. EPA received comments from multiple stakeholders in response to the ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 1 specification.

Stakeholders proposed suggestions on scope clarification regarding terms and definitions, including differentiating between range and non-range electric cooktops. Additionally, commenters suggested that EPA consider taking a more segmented approach regarding how an electric cooktop that is part of a packaged range (i.e., inclusive of a conventional or standard oven as a base but sold as a single unit) should be considered for ENERGY STAR certification compared to a dedicated independent countertop electric cooktop without an oven base. Clarification was also requested for differentiating terms and definitions between “hot tops” and “countertop cooktop units.” Other stakeholders requested further clarification on cooking container specificity such as dimensions and metal composition/material. EPA was encouraged to consider basing the energy efficiency level on each individual hob (for multi-hob units) rather than taking a weighted average of energy efficiency performance. In addition, EPA considered treatment of units with more than one operating voltage and potential impact to energy performance.

Overview of Draft 2 Proposal

The EPA has considered all stakeholder comments and addresses them in the Draft 2 specification including explanations in section note boxes, the [Draft 1 comment matrix](#) as well as the [Draft 2 data package](#).

Key elements of the Draft 2 proposal include:

- Adding definitions for cooktop types including counter top cooktop units, commercial electric ranges, measured energy input, and simmer energy rate; and clarified inside diameter (ID) as the approach to use to measure cookware dimensions.
- Basing energy efficiency criteria on individual hobs instead of a weighted average of all hobs.
- Incorporating efficiency measures for multiple operating voltages for a single unit.
- Including a reporting requirement to confirm commercial electric cooktops are certified to NSF/ANSI Standard 4 ahead of energy efficiency testing for the purposes of ENERGY STAR certification.

- Adding in scope commercial electric ranges, which may be certified if the commercial cooktop portion of the unit meets the criteria set forth in this specification and the commercial electric oven portion is included in scope and is certified to the ENERGY STAR Commercial Ovens specification version currently in effect.

To ensure consistent and comparable test results among laboratories as well as certification and verification testing, the EPA continues to support use of a stainless-steel cooking container for commercial induction and electric non-induction cooktops for the purposes of ENERGY STAR certification. The EPA supports and engages in the American Society for Testing and Materials (ASTM) F26 committee process and encourages participants to work through their process to specify a single cooking material for commercial electric cooktops.

Data Assembly for Commercial Electric Cooktops

EPA received additional induction and non-induction data that were evaluated and included in the data package. The induction data which closely track the ASTM F1521-22 standard test method affirm the ENERGY STAR proposed level of 80%. While EPA believes that the current dataset is reasonably reflective of commercial electric cooktop energy performance, the Agency remains interested in obtaining additional eligible data to incorporate in the performance requirement analysis. Data used for purposes of setting specification levels does not need to be third-party certified.

Comment Submittal

EPA welcomes stakeholder input on the attached ENERGY STAR Version 1.0 Commercial Electric Cooktops Draft 2 Specification. Stakeholders are encouraged to submit any comments to cfs@energystar.gov by **May 22, 2023**. EPA will also accept additional data for any electric cooktop products submitted by this same deadline. All comments will be posted to the [ENERGY STAR Commercial Electric Cooktop Version 1.0 Product Development website](#) unless the submitter requests otherwise.

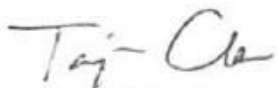
Stakeholder Webinar

EPA will host a webinar on **May 3, 2023, from 1 pm- 3 pm ET** to address stakeholder comments and questions. Stakeholders interested in participating in this discussion should register [here](#).

Please contact me at Crk.Tanja@epa.gov or 202-650-7522 or Adam Spitz, ICF, at Adam.Spitz@icf.com or 916-231-7685 for questions or concerns.

Thank you for your continued support of the ENERGY STAR program.

Sincerely,



Tanja Crk, Product Manager for Commercial Food Service
ENERGY STAR Program

Enclosures:

[ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 1 Comment Matrix](#)
[ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 2 Data Package](#)
[ENERGY STAR Commercial Electric Cooktops Version 1.0 Draft 2 Specification](#)

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