



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

OFFICE OF  
AIR AND RADIATION

September 25, 2023

Dear ENERGY STAR® Residential Electric Cooking Product Manufacturers and Other Interested Stakeholders:

The U.S. Environmental Protection Agency (EPA) is pleased to share the [Final Version 1.0 ENERGY STAR Residential Electric Cooking Products specification](#). EPA would like to thank the many stakeholders who have invested time and resources in contributing feedback that has informed this specification development process. The Version 1.0 requirements will take effect immediately, **September 25, 2023**.

ENERGY STAR certified residential electric cooking products under the Version 1 specification will offer users, on average, energy savings of approximately 18% from standard electric units. Further, ENERGY STAR certified models are anticipated to deliver additional benefits such as a healthier indoor living environment and induction units, in particular, are expected to offer faster heating, precision controls, easy cleaning, smart capabilities, various sensors, and multiple user-friendly product features. If all residential electric cooking tops sold in the United States were ENERGY STAR certified, the energy cost savings would grow to nearly \$160 million each year, and almost 1.75 billion pounds of greenhouse gas emissions would be prevented.

This specification was developed through a process that included release of two draft specifications and a final draft specification, two webinars, multiple stakeholder meetings, and additional input from various industry stakeholders including manufacturers, utilities, and affiliated groups. Stakeholder comments, previous drafts of the specification, and related supporting materials are available on the [ENERGY STAR Residential Electric Cooking Products Version 1.0 Product Development website](#).

EPA received written and verbal feedback in response to the Final Draft which was released on August 29, 2023. Though stakeholders generally support the residential electric cooking products specification and the relaxed certification criteria proposed in the final draft, a couple commenters reiterated previously written feedback or expressed new concerns. EPA has provided responses to all previously submitted comments in the Draft 1 and Draft 2 comment response matrices with one notable difference: EPA retains the Time  $t_{90}$  reporting as optional instead of as a requirement and has removed the entry from the "Additional Reporting Requirements" list in Section 4 of the product specification. Further, EPA lists electric standalone ovens under excluded products for further clarity on scope (see Section 2). New comments include a proposal to exclude coil and portable products from ENERGY STAR scope. However, coil and portable products can be tested under the DOE test procedure, which forms the basis for this product specification. Further, the certification criteria of 195 kWh/year expands the selection of residential electric cooking products eligible for certification, which continues to include relatively low-cost coil and portable products.

In addition to the minor change to Section 4 of the product specification, EPA revises the [final data and analysis package](#) to include a new worksheet for energy efficiency program sponsors (EEPS) and utility programs to reference. The worksheet contains supplemental information about the calculation of annual energy consumption from the DOE test procedure.

### Third-Party Certification

Effective immediately, brand owner partners may begin the certification process for residential electric cooking products. Companies new to the program may apply for partnership at <https://energystar.gov/join>. All products must be tested by an EPA-recognized laboratory that is accredited to use the required test method, 10 CFR 430, Subpart B, Appendix I1 - Uniform Test Method for Measuring the Energy Consumption of Conventional Cooking Products. Successful test results may allow products to become certified through an EPA-recognized certification body (CB) before being labeled and marketed as ENERGY STAR. Laboratories and CBs seeking EPA recognition should submit an application, which can be found at the [third-party certification page](#), by e-mail to [Certification@energystar.gov](mailto:Certification@energystar.gov).

ENERGY STAR partnership as a manufacturer is limited to organizations that own and/or license a brand name under which they sell eligible products in the United States and/or Canada. Partnership is not available to original equipment manufacturers (OEMs) that do not sell directly to consumers or end users. OEMs may certify products on behalf of the ENERGY STAR brand owners/licensees; however, the brand owner must be the ENERGY STAR partner associated directly with the certified product models, since only partners are authorized to use the ENERGY STAR certification mark.

Manufacturers are strongly encouraged to list every model number associated with each model certification. Rebate programs match model numbers to the ENERGY STAR certified models. If the certification is for a model number with wildcards, manufacturers need to list all actual model numbers as additional models at the time of certification and update the information with their certification body as new model variations become available so models can be matched for rebates. The UPC number will also be required at the time of certification to enable EPA, retailers, and others to identify those models for consumers.

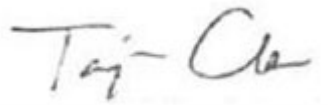
EPA thanks stakeholders who provided feedback during the specification development process and looks forward to working with you as you certify and market your energy-efficient residential electric cooking products. If you have any questions or concerns about the specification or partnership process, please contact me at Steve Leybourn (EPA) at [Leybourn.Stephen@epa.gov](mailto:Leybourn.Stephen@epa.gov) or 202-862-1566, Tanja Crk (EPA) at [Crk.Tanja@epa.gov](mailto:Crk.Tanja@epa.gov) or 202-650-7522, and Fabria Jno Baptiste (ICF) at [Fabria.JnoBaptiste@icf.com](mailto:Fabria.JnoBaptiste@icf.com) or 571-842-4949 for questions or concerns. For questions about the test method, please contact Carl Shapiro, DOE, at [Carl.Shapiro@ee.doe.gov](mailto:Carl.Shapiro@ee.doe.gov).

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

Sincerely,



Steve Leybourn, EPA Product Manager  
ENERGY STAR



Tanja Crk, EPA Product Manager  
ENERGY STAR

Enclosures:

[ENERGY STAR Version 1.0 Residential Electric Cooking Products Final Specification](#)  
[ENERGY STAR Version 1.0 Residential Electric Cooking Products Final Data & Analysis Package](#)