



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

OFFICE OF
AIR AND RADIATION

February 22, 2018

Dear ENERGY STAR® Commercial Coffee Brewer Manufacturer or Other Interested Party:

In response to new market intelligence, the U.S. Environmental Protection Agency (EPA) is amending the ENERGY STAR Commercial Coffee Brewer specification. The proposed changes, which will be reflected in a Version 1.1, center on a need to adjust the normalized heavy-use brew energy performance requirement to accommodate a broader range of tank temperatures. Stakeholders are encouraged to submit comments to EPA no later than March 22, 2018.

EPA conducted broad outreach to stakeholders throughout the Version 1.0 specification development process to assemble energy performance data and outline ENERGY STAR certification requirements. However, since the release of the final specification, the Agency has learned that many products are designed to align with the Specialty Coffee Association of America's (SCAA) recommended coffee preparation temperature of 200°F ± 5°F.¹ The importance of recording the internal water tank temperature and considering the range outlined by SCAA was not brought to EPA's attention during the specification setting process.

In response to this new information, EPA organized stakeholder webinars, arranged individual consultations, and engaged in outreach at trade show events. The feedback EPA received allowed the Agency to more fully understand the need for a modification to the certification requirements, as well as additional reporting related to various temperatures. EPA launched a supplemental commercial coffee brewer data assembly effort in order to better understand the influence of internal water tank temperature on overall product and energy performance. The additional data EPA received was combined with the existing dataset to inform this proposal.

Normalized Heavy-Use Brew Energy Rate:

In examining how internal water tank temperature impacts overall energy performance, EPA considered normalized brew energy data from the Version 1.0 dataset where available, as well as the supplemental data from the recent data assembly effort. Recognizing the limited data available to EPA, the Agency is proposing a more conservative normalized heavy-use brew energy rate of 350 watt-hrs/gal, which allows products with a range of internal tank water temperatures to certify.

Reporting Requirements:

EPA is proposing the following additional reporting requirements:

- The average internal water tank temperature operating in the ready-to brew idle mode;
- The average internal water tank temperature during heavy-use brew tests;
- The maximum dispensing temperature during heavy-use brew tests; and

¹ <http://www.scaa.org/PDF/resources/golden-cup-standard.pdf>

- The maximum coffee holding temperature.

Definitions:

EPA is proposing clarifications and additional terms consistent with the proposed new reporting requirements. The definitions align closely with previous definitions and those in ASTM.

- Replacing the term Average Idle Tank Temperature with *Internal Tank Water Temperature (specifies measuring and reporting the temperature during the heavy-use-brew tests)*.
- Adding the term *Serving Temperature*.
- Adding the term *Holding Temperature*.

EPA understands that the internal water tank temperature may be viewed as a key quality assurance metric for some stakeholders. The optimal internal water tank temperature may vary depending on product design. This information may be useful to consumers looking to better understand the correlation between energy performance and a products' ability to retain and recover heat.

Submittal of Written Comments

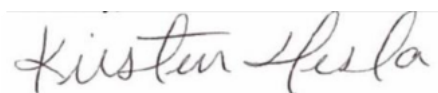
Stakeholders are encouraged to submit written comments on the Draft Version 1.1 specification to commercialcoffeebrewers@energystar.gov by March 22, 2018. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

EPA will host a webinar to discuss the proposed Version 1.1 specification on March 1, 2018, from 1 – 2:00pm EST. To attend the webinar, please register [here](#).

Please feel free to contact me at (202) 564-2984 and Hesla.Kirsten@epa.gov or Adam Spitz, ICF, at (916) 231-7685 and Adam.Spitz@icf.com with any questions or comments regarding this specification revision, or ENERGY STAR Partnership.

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

Sincerely,



Kirsten Hesla, Product Manager
ENERGY STAR Commercial Food Service