

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



OFFICE OF  
AIR AND RADIATION

June 17, 2014

Dear ENERGY STAR<sup>®</sup> Residential Dishwasher Partner or Other Interested Party:

With this letter, the U.S. Environmental Protection Agency (EPA) is sharing the Draft 2, Version 6.0 ENERGY STAR Residential Dishwasher Product Specification. EPA welcomes stakeholder input on the Draft 2 specification; please provide written comments via email to [appliances@energystar.gov](mailto:appliances@energystar.gov) no later than July 22, 2014.

### **Performance Requirements**

This Draft 2 specification reflects input received from stakeholders both in response to the Draft 1 specification and through individual follow-up discussions. The efficiency criteria proposed in Draft 1 for standard residential dishwasher products were supported by a broad range of stakeholders and remain unchanged. For compact dishwashers, stakeholders recommended that EPA conduct additional outreach to inform efficiency criteria that would be achievable by more than one technology. As a result of continued discussions with compact dishwasher manufacturers, EPA has relaxed the proposed criteria for compact dishwashers to 9% and 11% energy and water use reductions, respectively, over the Federal standard.

### **Cleaning Performance**

Stakeholders provided mixed feedback on the proposed cleaning performance reporting requirement, with some stakeholders strongly supporting the incorporation of a cleaning performance reporting requirement while others expressed concerns regarding the repeatability of the test method as well as the use of the data by EPA. After following up with stakeholders and the Department of Energy, EPA remains confident that the ENERGY STAR Test Method for Determining Residential Dishwasher Cleaning Performance will be helpful towards the goal of understanding how cleaning performance varies with energy and water use. In the Draft 2 specification, in lieu of a mandatory reporting requirement, EPA is strongly encouraging manufacturers to submit cleaning performance data based on the Test Method through their certification bodies using the existing data reporting pathways for the certification process, or directly to [appliances@energystar.gov](mailto:appliances@energystar.gov). EPA intends to use this data to support future specification setting and will mask any shared data.

### **Connected Criteria**

The Draft 2 specification includes clarifications and exemptions to the optional connected criteria. These adjustments were made in response to stakeholder feedback noting that the energy, water and cleaning performance of certain dishwasher cycle selections may be impacted as a result of responding to a temporary appliance load reduction signal. In addition, due to the small market for compact dishwashers, EPA does not view them as a target for demand response programs and has proposed to limit eligibility for the optional connected criteria to standard dishwashers.

### **Comment Submittal**

Stakeholders are encouraged to provide written comments via email to [appliances@energystar.gov](mailto:appliances@energystar.gov) no later than July 22, 2014. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

**Stakeholder Webinar to Discuss Draft 2**

EPA intends to host a webinar on Wednesday, July 9 at 1:00pm (EST) to discuss the Draft 2 specification. You may register to participate by visiting [Go To Webinar](#).

The exchange of ideas and information between EPA, industry, and other interested parties is critical to the success of ENERGY STAR. To follow EPA's progress in developing new criteria for residential dishwashers please visit the ENERGY STAR Product Development website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs).

Please direct any specific questions to Melissa Fiffer, EPA, at [fiffer.melissa@epa.gov](mailto:fiffer.melissa@epa.gov), (202)-343-9494, or Jessica Lyman, ICF International at [jessica.lyman@icfi.com](mailto:jessica.lyman@icfi.com), (202)-862-1557. Dishwasher test method questions should be directed to Ashley Armstrong, DOE, at [Ashley.Armstrong@ee.doe.gov](mailto:Ashley.Armstrong@ee.doe.gov) or (202) 586-6590. Thank you for your continued support of the ENERGY STAR program.

Sincerely,



Melissa Fiffer, Product Manager  
ENERGY STAR Appliances