

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



OFFICE OF  
AIR AND RADIATION

Date December 3, 2014

Dear ENERGY STAR<sup>®</sup> Pool Pump Brand Owner or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) and the Department of Energy (DOE) welcome your input on the attached Draft 3 ENERGY STAR Connected Pool Pump Criteria and the Draft 2 ENERGY STAR Test Method. Stakeholders are encouraged to submit comments on both of these documents to EPA no later than **December 22, 2015**.

**Criteria**

This draft incorporates input received from stakeholders in response to Draft 2 connected criteria and discussions with stakeholders. Questions and important discussion topics are highlighted in note boxes located throughout the draft specification. The comments received in response to Draft 2 connected criteria are posted to the ENERGY STAR website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs)

The Draft 3 connected criteria include the following key changes from the Draft 2:

1. Peak Period Avoidance: EPA has revised the peak period avoidance criteria in Table 2. A clarification has been added that both signaled requests and local settings changes take precedence over peak period avoidance.
2. Demand Response: EPA has removed the latency criteria and included additional allowances for the connected pool pump system to delay response to avoid unsafe conditions and equipment damage.

**Test Method**

DOE has developed a Draft 2 ENERGY STAR Test Method to validate Demand Response capabilities. Changes were made to the signal test corresponding to the removal of the latency criteria, as well as broadening the network connection setup to accommodate product and utility variability. Stakeholders are also encouraged to submit comments on the Draft 2 test method.

**Next steps**

EPA and DOE intend to finalize both the criteria and test method by January 2015. After finalization and once laboratories have added it to their scope of accreditation, brand owners may elect to have their pool pump identified as having connected functionality on the ENERGY STAR qualified product list. This optional recognition requires certification of all optional connected criteria including testing in accordance with the test method to validate Demand Response. Once models have been tested and certified, EPA will recognize models on the certified product listing and on the product finder.

**Submittal of Written Comments**

Comments on the Draft 3 Connected Functionality Criteria and Draft 2 Test Method should be submitted via email by **December 22, 2015** to [poolpumps@energystar.gov](mailto:poolpumps@energystar.gov). All comments received will be posted to the ENERGY STAR Product Development Web site, unless the submitter specifically requests that his or her comments remain confidential.

The exchange of ideas and information between EPA, DOE, industry, and other interested parties is critical to the success of ENERGY STAR. Please feel free to contact me at (202) 343-9046 and

[kent.christopher@epa.gov](mailto:kent.christopher@epa.gov) or Douglas Frazee, ICF International, at (443) 333-9267 and [douglas.frazee@icfi.com](mailto:douglas.frazee@icfi.com) with any questions or comment on the Draft specification. For questions relating to the test method, please contact Bryan Berringer at (202) 586-0371 or [bryan.berringer@ee.doe.gov](mailto:bryan.berringer@ee.doe.gov).

Sincerely,

A handwritten signature in blue ink that reads "Christopher Kent". The signature is written in a cursive style with a large initial "C" and a stylized "K".

Christopher Kent,  
Product Manager  
ENERGY STAR Pool Pump Equipment