

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



OFFICE OF  
AIR AND RADIATION

March 30, 2015

Dear ENERGY STAR® Pool Pump Brand Owner or Other Interested Stakeholder:

On behalf of the U.S. Environmental Protection Agency (EPA), I am pleased to inform you that the ENERGY STAR Version 1.1 Pool Pump specification, which adds optional connected functionality, has been finalized. EPA and the U.S. Department of Energy (DOE) are also pleased to share the attached Final ENERGY STAR Test Method to validate Demand Response capabilities. Your valuable feedback throughout the development process has been integral to the final specification. The new Version 1.1 specification takes effect immediately.

The addition of connected criteria will allow EPA to highlight products with connected functionality on the ENERGY STAR Qualified Product List (QPL), so that consumers, rebate program administrators, and other interested stakeholders are better able to identify and advance those products into the marketplace. ENERGY STAR pool pumps with connected functionality offer a significant opportunity for demand response programs, since they are operational during peak energy demand times. ENERGY STAR pool pumps with connected functionality will offer consumers new convenience and energy-saving features, such as the ability to turn off the unit remotely when not at home, and feedback on the energy use of the product. These products will also be smart-grid ready, meaning they will give consumers the option to connect their pool pump with their local utility to potentially save money on their energy bills, where those services are offered, and also facilitate broader electric power system efficiency.

EPA and DOE received no comments on either the Final Draft connected criteria or the Demand Response test method, and thus the Final versions are substantively unchanged from the Final Drafts. There is a minor change to the DR override requirements to bring them more in line with EPA intention that any "set and forget" override option is provided in addition to, rather than instead of, a single event override option.

In order for an ENERGY STAR certified Pool Pump to be additionally recognized as connected, manufacturers must certify the product to all Section 4 criteria, including testing to the ENERGY STAR Pool Pumps Test Method to Validate Demand Response. Products that meet both mandatory ENERGY STAR criteria and optional connected criteria will be identified as connected on the ENERGY STAR QPL.

On behalf of EPA, I appreciate your participation in the development of these connected criteria. Please direct any specific questions to Abigail Daken at EPA, [daken.abigail@epa.gov](mailto:daken.abigail@epa.gov) and 202-343-9375 or Doug Frazee, ICF International at [doug.frazee@icfi.com](mailto:doug.frazee@icfi.com) and 433-333-9267. Please

direct specific questions regarding the test method to Bryan Berringer at DOE,  
[Bryan.Berringer@ee.doe.gov](mailto:Bryan.Berringer@ee.doe.gov) and (202) 586-0371.

Thank you for your continued support of ENERGY STAR.

Sincerely,

A handwritten signature in cursive script, appearing to read "Abigail Daken".

Abigail Daken  
Product Manager  
ENERGY STAR HVAC Program