

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



OFFICE OF
AIR AND RADIATION

December 03, 2012

Dear ENERGY STAR[®] Residential Refrigerator and Freezer Manufacturers and Other Interested Parties:

The U.S. Environmental Protection Agency (EPA) is pleased to share with you the attached Draft 2 Test Method to Validate Demand Response for Residential Refrigerators and Freezers (Draft 2 Test Method), for your review and input. Comments on the Draft 2 test method should be submitted via email to appliances@energystar.gov no later than January 4, 2013.

Following the publication of the Draft 1 Test Method in February 2012, the U.S. Department of Energy (DOE), lead for test method development, had the opportunity to test two additional pre-market units. Test results were combined with feedback received from stakeholders on Draft 1; both testing information and stakeholder comments were used to inform and develop the Draft 2 Test Method.

Several key changes in the Draft 2 Test Method include:

- In response to comments received from stakeholders, test requirements have been harmonized with the DOE test procedure (10 CFR Part 430, 54 Subpart B, Appendices A or B, Section 2).
- The DOE Baseline is now determined from data collected while performing the DOE test procedure at the median compartment temperature setting, with no defrost occurrences, and with the anti-sweat heater switch in the "off" position.
- Based on stakeholder feedback and additional testing, DOE has determined that defrost prediction and/or initiation are not feasible at this time and is proposing that the test lab document the occurrence of any defrost cycle during a Temporary Appliance Load Reduction (TALR) response. However, defrost deferral will not be validated through testing.
- In order to harmonize with the Draft 3 Specification requirements, DOE has developed and included a Delay Appliance Load (DAL) Ice Maker Deferral test to validate the option for ice maker deferral when a signal is received triggering the DAL capability.

Stakeholder Webinar

EPA and DOE will co-host a conference call on Tuesday, December 18th from 1:00 p.m. to 3:00 p.m. ET to discuss the Draft 2 Test Method with stakeholders and to address questions. To RSVP, please email appliances@energystar.gov by Friday, December 14th.

Anticipated Schedule

December 03, 2012	Draft 2 Test Method published
December 18, 2012	Stakeholder webinar to discuss Draft 2 Test Method
January 4, 2013	Comment period ends
January – March 2013	Review stakeholder comments and perform additional testing if necessary
March 2013	Draft Final Test Method Published
April/May 2013	Final Test Method Published

To track progress in developing the R/F test method, visit the ENERGY STAR Product Development website at www.energystar.gov/revisedspecs.

Please direct any questions on the R/F test method to Ashley Armstrong, DOE, at Ashley.Armstrong@ee.doe.gov or (202) 586-6590.

Thank you for taking the time to review the Draft 2 Test Method and your continued support of ENERGY STAR.

Sincerely,

A handwritten signature in cursive script that reads "Katharine Kaplan".

Katharine Kaplan, Manager
ENERGY STAR Product Development and Program Administration