



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

OFFICE OF
AIR AND RADIATION

November 5, 2014

Dear Climate Controls Stakeholder:

In June 2014, the Environmental Protection Agency (EPA) shared with stakeholders the idea of recognizing Residential Climate Control Systems (RCCS) within the ENERGY STAR Program based on their energy-saving effectiveness. EPA received much stakeholder interest in and support for this idea, and is writing today to share more regarding this concept and invite interested parties to an in-person discussion.

The approach, as outlined in the [ENERGY STAR Climate Controls Update Memo](#), anticipates that energy savings would be determined based on data collected by providers of ongoing services. This data, such as indoor temperatures or HVAC run time, would be used to calculate a metric related to premises HVAC energy savings for each installed residential climate control system (RCCS). The service provider would be required to submit only an anonymized summary to EPA representing average performance across the product's installed base. To this end, a metric or metric(s) must be established that are practical for use with the anticipated program and that serves to differentiate RCCSs that save the most energy. EPA is convening a workshop to explore possible metrics in detail on November 19, 2014, in San Francisco, CA. If you haven't already indicated you will join us there, please RSVP Dan Cronin at Daniel.Cronin@icfi.com or 202-862-1150 by November 12, 2014.

In advance of the workshop, EPA is sharing the attached document that summarizes the Agency's understanding of the advantages and disadvantages of possible metrics, and the work left to be done on each. Many stakeholder discussions since June have informed our thinking, and we are grateful for your time and attention in the process. We consider two main types of metrics: those based on temperatures and those based on the run time of equipment controlled by the climate control system. This document is not an end point, but we hope it will serve as a basis for moving forward at the workshop and in the weeks that follow. We have also included some questions on which we particularly hope to hear stakeholder feedback. Ideally, EPA envisions deciding on a metric to pursue based on feedback from the workshop, and working with stakeholders to use actual data to test the metric by summer of 2015.

Submitting Comments

This document is primarily intended as a basis for discussions, but any stakeholder who would like to submit written comments is welcome to do so, to climatecontrols@energystar.gov. As per usual, all comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise. We recommend written comments be submitted by the end of 2014.

To track EPA's continuing work on climate controls, visit the ENERGY STAR website at www.energystar.gov/newspecs and click on the [Climate Controls link](#). Please direct any specific questions to Abigail Daken, EPA, at daken.abigail@epa.gov or 202-343-9375 and Doug Frazee, ICF International, at Douglas.frazee@icfi.com or 443-333-9267. We look forward to continuing our fruitful collaboration.

Sincerely,

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

Abigail Daken, Product Manager
ENERGY STAR for HVAC