



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

OFFICE OF  
AIR AND RADIATION

November 20, 2014

Dear ENERGY STAR® CAC/ASHP Partner or Other Interested Party:

With this letter, the U.S. Environmental Protection Agency (EPA) is sharing the Final Draft Version 5.0 ENERGY STAR® Central Air Conditioner and Air-Source Heat Pump (CAC/ASHP) specification. EPA appreciates the time and effort stakeholders have invested to inform the specification development process. This specification will take effect on September 15, 2015.

The Final Draft specification was developed based on comments received on the Draft 2 specification as well as subsequent stakeholder discussions and research. Stakeholders generally expressed agreement with the proposed national criteria in the Draft 2 specification, which are in alignment with CEE levels.

The following changes are reflected in the Final Draft:

- **Independent Coil Manufacturers (ICM):** EPA clarified that only the ICM combinations with the outdoor unit listed as ENERGY STAR certified by their system manufacturer are eligible to qualify for ENERGY STAR.
- **Federal Trade Commission (FTC) label:** The requirement related to alignment with the FTC label for split systems has been revised consistent with FTC label changes effective January 1, 2105.
- **Definitions:** The definition of Heating Seasonal Performance Factor (HSPF) has been updated to include language that HSPF is calculated for region IV in line with the definition in the federal test method.

EPA received a number of comments concerning verification testing of ICM combinations. These and other stakeholder comments are summarized and addressed in the attached response to comments document.

**Comment Submittal**

Stakeholders who wish to provide any final written comments should submit them to [CAC-ASHP@energystar.gov](mailto:CAC-ASHP@energystar.gov) by **December 5, 2014**. All comments will be posted to the ENERGY STAR Product Development website unless the submitter requests otherwise.

To track EPA's progress in developing the ENERGY STAR CAC/ASHP specification, visit the ENERGY STAR website at [www.energystar.gov/revisedspecs](http://www.energystar.gov/revisedspecs) (click on the Central Air Conditioner and Air-Source Heat Pump Version 5.0 link).

Please direct any specific questions to Abigail Daken, EPA, at [daken.abigail@epa.gov](mailto:daken.abigail@epa.gov) or 202-343-9375 and Sarah Medepalli, ICF International, at [sarah.medepalli@icfi.com](mailto:sarah.medepalli@icfi.com) or 202-677-5201. For test procedure inquiries, please contact Ashley Armstrong (DOE) at (202) 586-6590 or [ashley.armstrong@ee.doe.gov](mailto:ashley.armstrong@ee.doe.gov). Thank you for taking the time to review this Final Draft document.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Abigail Daken', written in black ink.

Abigail Daken, Product Manager  
ENERGY STAR for HVAC