

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



OFFICE OF
AIR AND RADIATION

December 10, 2015

Dear ENERGY STAR® Emerging Technology Award Stakeholder:

The U.S. Environmental Protection Agency (EPA) is pleased to release the Final 2016 ENERGY STAR Emerging Technology Award criteria for low-global warming potential (GWP) refrigerant systems. At this time, EPA is accepting manufacturer applications for products that meet the criteria.

Based on comments received on the draft criteria and additional stakeholder discussions, EPA has clarified the testing requirements for the energy efficiency performance criteria. Test results submitted by manufacturers must be representative of the comparison between standard and low-GWP refrigerant systems with only the refrigerant, compressor, and any sub-components needed to support the refrigeration cycle changed out. All other components (e.g., cabinet, insulation, lighting) must be identical between the two products tested. This allows for the isolation of efficiency gains due only to the low-GWP refrigerant system, which is the focus of this Award. No other changes have been made to the criteria.

The Award criteria and EPA correspondence can be found on the ENERGY STAR Emerging Technology webpage at www.energystar.gov/emergingtech.

Award Application Process

Manufacturers with technologies that meet the Award criteria may begin submitting the necessary documentation to emergingtech@energystar.gov for EPA review. Winners of the Award will be notified when all Award criteria have been satisfied, including availability of the product in the U.S. market. Note that multiple products can receive the Award and that all qualifying products will be listed on the Emerging Technology Award webpage.

Demand Control Kitchen Ventilation (DCKV) Award

Due to feedback from stakeholders about the ongoing value of the recognition to some energy efficiency programs, the ENERGY STAR Emerging Technology DCKV Award will be extended into 2016. No changes have been made to the Award criteria and manufacturers with qualifying technologies can submit required documentation to emergingtech@energystar.gov. Current 2015 Award-winning DCKV systems will be recognized in 2016 without the need for resubmittal. EPA will continue to work with DCKV manufacturers and other interested parties to identify opportunities to promote and educate end users on the benefits of DCKV technologies and Award-winning systems.

Advanced Dryers Listing

EPA will continue to host the list of advanced dryers that meet the 2014 Award criteria in the archives of the Emerging Technology Award webpage for continued reference by interested stakeholders. This list will be updated as EPA becomes aware of new models meeting the criteria.

Thank you for your contributions to the development of these criteria. If you have any questions about the Award, please contact me at banwell.peter@epa.gov or (202) 343-9408.

Sincerely,

A handwritten signature in black ink, appearing to read 'Peter Banwell', with a long horizontal flourish extending to the right.

Peter Banwell
ENERGY STAR Product Marketing