

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



OFFICE OF  
AIR AND RADIATION

July 9, 2014

Dear Commercial Kitchen Ventilation Manufacturer or Other Interested Party:

The U.S. Environmental Protection Agency (EPA) is pleased to announce that Demand Control Kitchen Ventilation has been chosen as one of the ENERGY STAR® Emerging Technology Award categories for 2014–2015. These technologies employ advanced sensors and variable speed controls to offer end users significant reductions in electricity use compared to standard kitchen ventilation systems that are typically operated at maximum speed regardless of cook line operation.

**Emerging Technology Award Overview**

Launched in 2011, the ENERGY STAR Emerging Technology Award raises the profile of innovative technologies that have the potential to significantly reduce greenhouse gas emissions once they are more widely adopted. The Award recognizes promising technologies that may not yet meet key principles associated with categories eligible for the ENERGY STAR label (e.g., broadly available, proven, and cost effective to the consumer) or may be relatively more complex to properly install and operate. As products become more mainstream, Award categories may become candidates for ENERGY STAR specification development.

**Demand Control Kitchen Ventilation Award Criteria**

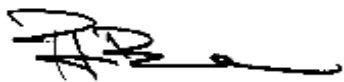
Based on our research, we have determined that significant energy savings can be achieved by focusing on a few select performance criteria. Primarily, fan speed and active cooking sensor requirements underlie the criteria. In addition, EPA has also included connected criteria with a goal of providing actionable information to users and building owners through on-premises controls and network communication.

**Feedback Request**

EPA is looking for industry stakeholder feedback on the draft criteria **by July 31, 2014**. Interested stakeholders are encouraged to provide feedback on the proposed recognition criteria to [emergingtech@energystar.gov](mailto:emergingtech@energystar.gov). Depending on the comments received, EPA may release a subsequent draft for stakeholder review prior to finalizing the criteria, tentatively scheduled for late summer. EPA will work with manufacturers to publicly announce Award winning technologies, which will include recognition and promotion during the North American Association of Food Equipment Manufacturers Show in February 2015.

If you have any questions about the program, please contact me at (202) 343-9408 or [banwell.peter@epa.gov](mailto:banwell.peter@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'PB', followed by a long horizontal line.

Peter Banwell  
Director, ENERGY STAR Product Marketing

Enclosure:  
Draft Emerging Technology Award Criteria for DCV