

ASHRAE Technical FAQ

ID 47

Question What [research](#) is ASHRAE currently conducting regarding energy efficiency?

Each year ASHRAE devotes the October issue of the [ASHRAE Journal](#) to that year's Research Report. The following active projects regarding energy efficiency are listed in the October 2018 issue:

1196-RP Develop Software to Calculate the Application Seasonal Efficiency of Commercial Space Heating Boiler Systems Based on ASHRAE Standard 155P

1614-RP Developing a Test Method to Determine the Effectiveness of UVC Systems on Commercial Cooking Effluent

1629-RP Testing and Modeling Energy Performance of Active Chilled Beam Systems

1649-RP IAQ and Energy Efficiency Implications of High Efficiency Filters in Residential Buildings

Answer 1666-RP Experimental Evaluation of the Thermal and Ventilation Performance of Stratified Air Distribution Systems Coupled with Passive Beams

1696-RP Thermal and Moisture Transport Property Values of New Building and Insulating Materials

1710-RP Effects of Dynamic Shading Devices on Daylighting and Energy Performance of Perimeter Zones

1719-RP Design Guide for Cool Thermal Storage

1741-RP Understanding Fan Coil Components and How They Relate to Energy Consumption and Energy Modeling

1747-RP Implementation of RP-1457 CO₂-based Demand Controlled Ventilation for Multiple Zone HVAC Systems in Direct Digital Control Systems

1769-RP Experimental Evaluation of the Efficiency of Belt Drives for Fans

1771-RP Energy Modeling of Typical Commercial Buildings in Support of the ASHRAE Building Energy Quotient Energy (bEQ) Rating Program

1780-TRP Test Method to Evaluate Cross-Contamination of Gaseous Contaminant within Total Energy Recovery Wheels

1814-RP Actual Energy Performance of Secondary Schools and Medium Offices Designed to Comply with ASHRAE Standard 90.1-2010

1816-TRP Reporting the Energy Use and Heat Gain from Imaging Equipment

Final reports to completed ASHRAE research projects related to energy efficiency, and all other topics, are available (for free to ASHRAE members) at the [Research](#) page of www.ashrae.org.

ASHRAE Pubs [ASHRAE Journal](#), October issue each year.

Topic References energy efficiency, research

	Cognizant ASHRAE Committees	Refer to Organization
1	TC 7.6	
2	RAC	
3		
4		
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