

Condensing Heating and Water Heating Equipment Workshop

Location: Washington Gas Light Appliance Training Facility
6801 Industrial Road
Springfield, VA

Date: October 9, 2014

Time: 10:00 am – 12:30 pm EDT

Purpose: To convene representatives from stakeholder organizations in order to enhance their understanding of the characteristics of condensing natural gas heating and water heating equipment that contribute to the unique installation requirements and challenges of this equipment compared to non-condensing equipment. To enable group discussion on potential reactions from consumers and contractors on new furnace standards and explore technology and other options for addressing identified challenges and achieving energy efficiency objectives. A common foundational knowledge should enhance the dialogue for all parties in DOE rulemaking proceedings relative to this type of equipment.

AGENDA

- I. Welcome, Introductions and Opening Comments from American Gas Association and Washington Gas Light Representatives including:
 - Industry and Washington Gas Company's Commitment to Energy Efficiency
 - High Level Overview on Results from Contractor/Builder Survey
 - Review and Discussion on Available Heating and Water Heating Equipment Options
 - Review of EIA Data on Equipment Trends and Energy Prices
- II. Technical Review and Discussion on Condensing and Non-Condensing Furnaces
 - Review of Key Components of Condensing and Non-Condensing Furnaces
 - Review Venting Requirements of Condensing and Non-Condensing Furnaces
 - Installation Challenges with Various Building Types
 - Impact on Water Heating Equipment
- III. Market Impacts and Technology Solutions Discussion
 - Discussion on Potential Reactions from Consumers and Contractors from New Efficiency Standards for Natural Gas Furnaces
 - Discussion on Potential Impact of Consumer/Contractor Reactions on Energy Cost, Consumption and Emissions
 - Discussion on Technology Solutions to Address Potential Issues of a New Furnace Standard
 - Discussion on Other Options to Achieve Energy and Emissions Reduction Objective from Heating Systems
- IV. Next Steps and Closing Comments
 - Opportunities for Working Together to Understand Data and Market Intelligence and address any potential Gaps
 - Opportunities for Working Together to Advance Technology Solutions
 - Opportunities for Working Together on Efficiency Solutions Beyond Equipment Standards