

Update on CEE's Commercial and Industrial Boiler Exploration

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Working Together, Advancing Efficiency

Today's Agenda

- Update of 2008 Work and Plan for 2009
- Boiler Basics - Ray Keller, Vermont Gas
- Discussion of Boiler Tools
 - Presentations Highlighting Common Tools
 - Martin Thomas, NRCan Boiler Efficiency Calculator
 - Katie O'Rourke, National Grid, DOE Steam Systems Tools
 - Discussion of how these translate into programs
- Next Steps

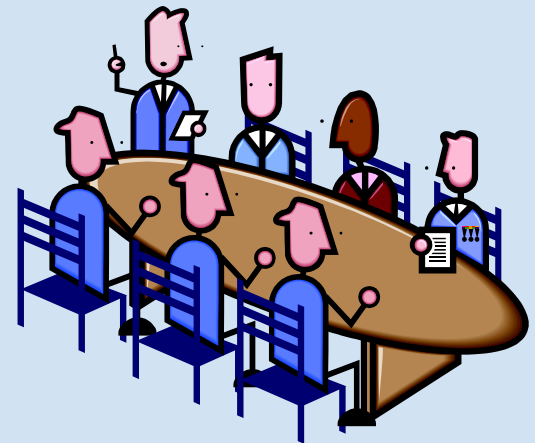
Committee and Subcommittee Work

Gas Committee

- Defined the system scope
- Discussed potential role for CEE
- Identified the need to focus on the system, not the unit

Boiler Subcommittee

- Continued to define:
 - Logic tree
 - Areas of energy loss in boiler system
- Identified the need for:
 - Comprehensive analysis tool
 - Best practices/program guide



Importance of Tools

Need: Comprehensive Boiler Tool

- Easy to use in the field
- Analyzes the entire system
- Provides information on recommendations and options for savings, emissions predictor, cost information

Challenge:

- CEE may not be the best place to develop a tool



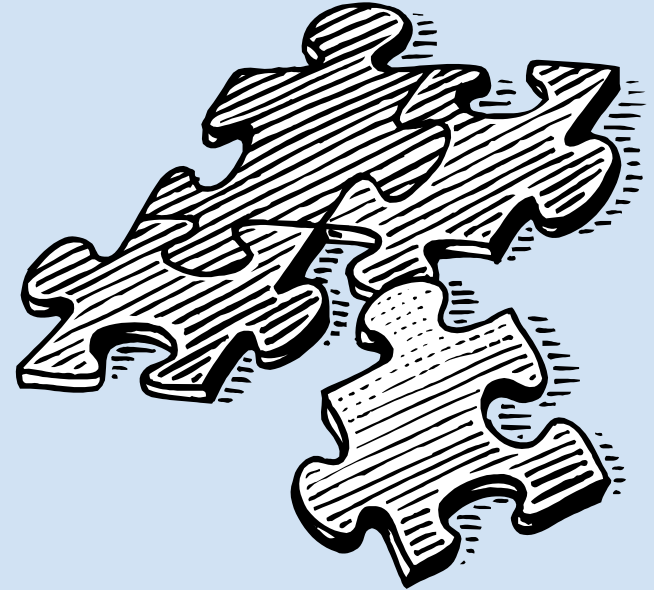
Role for CEE

Tools:

- Inform the Committee on options
- Potentially help coordinate the development of a tool
- Understand tool “needs” and how they translate into best practices

Other Work:

- Develop best practices guide



Looking Forward to 2009

- Engage Subcommittee to develop best practices guide / define program approach
- Share with Gas Committee
- Solicit industry feedback
 - Hold breakout session at fall Industry Partners Meeting
- Potential Initiative for Board review by 2010



Contact Information

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Discussion Questions

- How do you use tools in your programs?
- What additional tools have you found useful in working through boiler or other system approaches?
- What program needs are not addressed through the use of these and similar tools?