

**U.S. DEPARTMENT OF ENERGY  
PUBLIC MEETING ON ENERGY CONSERVATION STANDARDS FOR  
COMMERCIAL AND INDUSTRIAL FANS**

**U.S. Department of Energy  
1000 Independence Avenue, SW.  
Washington, DC 20585  
Thursday, February 21, 2013  
Room 8E-089**

**Purpose**

The Department of Energy (DOE) seeks comments, information, and data from interested parties on the Framework documents addressing potential energy conservation standards for commercial and industrial fans & blowers.

**Agenda**

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| <b>9:00 – 9:15 am</b>   | <b>Welcome and Introductions, Opening Remarks</b><br><i>Doug Brookman</i>  |
| <b>9:15 – 9:30 am</b>   | <b>Introduction and Rulemaking Process Overview</b><br><i>Charles Llenza</i><br>Summary of the rulemaking process.   |
| <b>9:30 – 10:30 am</b>  | <b>Authority, Definitions, and Regulatory Options</b><br><i>Charles Llenza</i><br>Summary presentation and discussion regarding statutory authority of fans/blowers for which DOE is considering standards and definitions.          |
| <b>10:30 – 10:45 am</b> | <b>Break</b>   |
| <b>10:45 – 11:00 am</b> | <b>Regulatory Regimes</b><br><i>Sanaee Iyama</i><br>Summary presentation and discussion regarding the fans and blowers regulatory regimes, and efficiency metrics.   |
| <b>11:00 – 11:15 am</b> | <b>Test Procedure and Efficiency Metrics</b><br><i>Sanaee Iyama</i><br>Summary presentation and discussion regarding the industry test procedures for commercial and industrial fans/blowers and efficiency metrics.                 |
| <b>11:15 – 12:00 pm</b> | <b>Market and Technology Assessment and Screening Analysis</b><br><i>Sanaee Iyama</i><br>Summary presentation and discussion regarding the proposed approach and factors considered for the market assessment and screening analysis |
| <b>12:00 – 1:00 pm</b>  | <b>Lunch</b>   |

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**Agenda (cont.)**

- 1:00 – 1:45 pm**      **Engineering Analysis**  
*Samuel Jasinski*  
Summary presentation and discussion regarding the proposed approach and factors considered for the engineering analysis
- 1:45 – 2:15 pm**      **Markups Analysis; Energy Use Analysis**  
*Dave Winiarski*  
Summary presentation and discussion regarding the approach used and factors considered for the markups to determine equipment price analysis, energy use analysis, and life-cycle cost and payback period analysis.
- 2:15 – 2:45 pm**      **Life-Cycle Costs and Payback Period Analysis**  
*Sanaee Iyama*  
Summary presentation and discussion regarding the approach used and factors considered for the markups to determine equipment price analysis, energy use analysis, and life-cycle cost and payback period analysis.
- 2:45 – 3:00 pm**      **Break**
- 3:00 – 3:15 pm**      **Shipments Analysis and National Impact Analysis**  
*Sanaee Iyama*  
Summary presentation and discussion regarding the approach used and factors considered for the shipments analysis and national impact analysis
- 3:15 – 3:30 pm**      **Preliminary Manufacturer Impact Analysis**  
*Samuel Jasinski*  
Summary presentation and discussion regarding the approach used and factors considered for the shipments analysis, national impact analysis, utility impact analysis, and emissions impact analysis.
- 3:30 – 3:45 pm**      **NOPR Analysis**  
*Sanaee Iyama*  
Summary presentation and discussion regarding the analysis that will be conducted in the Notice of Proposed Rulemaking (NOPR) stage.
- 3:45 – 4:00 pm**      **Next Steps and Closing Remarks**  
*Charles Llenza*