

**U.S. DEPARTMENT OF ENERGY
PUBLIC MEETING ON ENERGY CONSERVATION STANDARDS
FOR
SMALL ELECTRIC MOTORS**

**U.S. Department of Energy
1000 Independence Avenue, SW.
Washington, DC 20585
Friday, January 30, 2009
9:00 a.m. – 5:00 p.m. ET, Room 1E-245**

Purpose

The Department of Energy (DOE) seeks comments, information, and data from interested parties on its Preliminary Technical Support Document, including classes of small electric motors that it plans to analyze for the purposes of establishing energy conservation standards; the analytical framework, models, and tools that it is using to evaluate standards for these motors; the results of preliminary analyses; and potential energy conservation standards levels.

Agenda

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| 9:00 – 9:20 am | Welcome, Introductions, Opening Statements
<i>Doug Brookman</i> |
| 9:20 – 9:25 am | Rulemaking Overview
<i>Jim Raba</i>
Summary of the statutory background, rulemaking process, and the issues on which DOE seeks input during today's public meeting. |
| 9:30 – 10:15 am | Market & Technology Assessment and Screening Analysis
<i>Michael Scholand</i>
Presentation and discussion about the categories of small motors and representative units, technology options, shipments, manufacturers, market share, application and performance of existing equipment, and regulatory programs. |
| 10:15 – 10:30 am | Break |
| 10:30 – 11:15 am | Engineering Analysis
<i>Matthew Nardotti</i>
Presentation and discussion about the equipment classes and baseline considered as part of the engineering analysis, constructing a bill of materials, assumptions used in the data analysis, and scaling relationships to ascertain efficiency levels. |

- 11:15 – 12:00 pm** **Energy Use & End-Use Load Characterization and Markup Analysis**
Robert Van Buskirk
Presentation and discussion about the approach and data considered for characterizing the distribution channels and data used to calculate markups for small electric motors.
- 12:00 – 1:00 pm** **Lunch**
- 1:00 – 1:30 pm** **Life-Cycle Cost and Payback Period Analysis**
Robert Van Buskirk
Presentation and discussion about the general approach to life-cycle cost and payback period analysis, cost inputs, discount rates, price trends, and motor lifetime.
- 1:30 – 2:00 pm** **National Impact Analysis**
Robert Van Buskirk
Presentation and discussion about annual energy consumption, national energy savings, and net present value analysis.
- 2:00 – 2:30 pm** **Preliminary Manufacturer Impact Analysis and Other Rulemaking Analyses**
Matthew Nardotti and Robert Van Buskirk
Presentation and discussion about the methodology, industry profile and cash flow analysis, overview of industry data, competition, compliance, and enforcement.
- 3:00 – 3:30 pm** **Final Questions, Comments, and Discussion**
Doug Brookman
- 3:30 pm** **Closing Remarks and Adjournment**
Jim Raba