

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

**U.S. Department of Energy
1000 Independence Avenue, SW.
Washington, DC 20585
Wednesday, February 20, 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 pumps.

Agenda

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| 9:00 – 9:30 am | Welcome and Introductions, Opening Remarks
<i>Doug Brookman</i> |
| 9:30 – 9:45 am | Introduction and Rulemaking Process Overview
<i>Charles Llenza</i>
Summary of the rulemaking process. |
| 9:45 – 10:30 am | Legislative History and Scope of Coverage
<i>Charles Llenza</i>
Summary presentation and discussion regarding statutory authority of pumps for which DOE is considering standards, definitions, and other parameters. |
| 10:30 – 10:45 am | Break |
| 10:45 – 11:45 am | Regulatory Regimes and Metrics
<i>Alison Williams</i>
Summary presentation and discussion regarding the pumping system, regulatory regimes, and efficiency metrics. |
| 11:45 – 12:00 pm | Test Procedure
<i>Sarah Widder</i>
Summary presentation and discussion regarding the industry test procedures for commercial and industrial pumps. |
| 12:00 – 1:00 pm | Lunch |

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Agenda (cont.)

- 1:00 – 1:30 pm** **Market and Technology Assessment; Screening Analysis**
Alison Williams
Summary presentation and discussion regarding the proposed approach and factors considered for the market and technology assessment and screening analysis.
- 1:30 – 2:15 pm** **Engineering Analysis and Manufacturer Impact Analysis**
Dan Weintraub
Summary presentation and discussion regarding the proposed approach and factors considered for the engineering analysis and the manufacturer impact analysis.
- 2:15 – 2:45 pm** **Markups Analysis; Energy Use Analysis**
Sarah Widder
Summary presentation and discussion regarding the proposed approach and factors considered for the markups to determine equipment price and the energy use analysis.
- 2:45 – 3:00 pm** **Break**
- 3:00 – 3:30 pm** **Life-Cycle Costs and Payback Period Analysis; Shipments Analysis; National Impact Analysis; NOPR Analyses**
Alison Williams
Summary presentation and discussion regarding the proposed approach and factors considered for the life-cycle cost and payback period analysis, the shipments analysis, and the national impact analysis.
- 3:30 – 3:45 pm** **NOPR Analyses**
Alison Williams
Summary presentation and discussion regarding the proposed approach and factors considered for the additional analyses of the NOPR phase: emissions, monetization, utility, employment, and regulatory impacts.
- 3:45 – 4:00 pm** **Next Steps and Closing Remarks**
Charles Llenza