

High-Intensity Discharge Lamps

Supplementary Information:

The Department of Energy (Department) makes available for public comment a draft report concerning whether energy conservation standards for certain high-intensity discharge (HID) lamps would be technologically feasible, economically justified and would result in significant energy savings. The Department solicits comments, data and information concerning the analysis in the report. This draft report makes no recommendation concerning what, if any, determination should be made or whether standards should be promulgated for certain HID lamps.

Under section 346(a)(1) of the Energy Policy and Conservation Act (EPCA), 42 U.S.C.6317(a)(1), the Department may determine whether energy conservation standards for certain HID lamps would be technologically feasible, economically justified, and would result in significant energy savings. If the Department makes a positive determination, then it must prescribe testing requirements and energy conservation standards for the covered HID lamps. In order to make the determination under EPCA, the Department has conducted an analysis of HID lamps and prepared a report detailing its analysis. A draft copy of the Department's report, entitled *High-Intensity Discharge Lamps Analysis of Potential Energy Savings*, dated December 2004, is available on the World Wide Web at the address provided below.

The Department's methodology for this analysis consisted of six major elements: technology assessment of high-intensity discharge lamp types; market assessment of the shipments and applications of high-intensity discharge lamps; analysis of energy-efficient substitution technology options; life-cycle costs and benefits from increased efficiency; potential energy savings on a national scale; and potential direct economic costs and benefits to consumers on a national scale.

The Department's analysis to date indicates a range of potential national energy savings if the Department establishes energy conservation standards. The range of results can be attributed primarily to uncertain future trends in the efficiency of high-intensity discharge lamps. The range of net life-cycle costs reflects the variety of possible substitutions the end-user might choose in response to a standard.

The Department is interested in receiving comments and data concerning all aspects of the analysis and data in the draft report. The Department particularly requests comments and data for the product application market shares, as well as for the substitution technology option weights, both of which are used in the national energy savings analysis.

Finally, this draft report makes no recommendation concerning the determination that DOE should make or whether DOE should promulgate standards. Rather, DOE will use the technical analysis to consider the statutory requirements, which DOE will address when it issues its determination.

Procedures for Submitting Comments:

DATE: Comments submitted by electronic mail will be considered timely if they are submitted by 11:59 p.m. (Eastern time) February 20, 2005. Comments submitted on paper through the United States mail or other delivery service should contain a signed original and must be received at the Department of Energy by February 20, 2005.

ADDRESSES: The draft *High-Intensity Discharge Lamps Analysis of Potential Energy Savings*, December 2004 , may be viewed on the World Wide Web at http://www.eere.energy.gov/buildings/appliance_standards/commercial/high_intensity_lamps.html

The Department will accept comments, data, and information regarding the Determination no later than the date provided in the DATES section. Please submit comments, data, and information electronically to the following Internet address: hid.determination@ee.doe.gov. Submit electronic comments in WordPerfect, Microsoft Word, PDF, or text (ASCII) file format and avoid the use of special characters or any form of encryption. Identify comments in electronic format by the docket number EE-DET-03-001, and wherever possible include the electronic signature of the author. Comments submitted electronically without an electronic signature must be followed and authenticated by submitting the signed original paper document. No telefacsimiles (telefaxes) will be accepted.

Submit written comments filed on paper to: Ms. Brenda Edwards-Jones, U.S. Department of Energy, Building Technologies Program, Mailstop EE-2J, Draft TSD for High-Intensity Discharge Lamps, Docket Number: EE-DET-03-001, 1000 Independence Avenue, SW, Washington, DC, 20585-0121. Telephone: (202) 586-2945. Please submit one signed original.

You may review copies of the public comments at the U.S. Department of Energy, Forrestal Building, Room 1J-018 (Resource Room of the Building Technologies Program), 1000 Independence Avenue, SW, Washington, DC, (202) 586-9127, between 9:00 a.m. and 4:00 p.m., Monday through Friday, except Federal holidays. Please call Ms. Brenda Edwards-Jones at the above telephone number for additional information regarding visiting the Resource Room. Please note: the Department's Freedom of Information Reading Room (formerly room 1E-190 at the Forrestal Building) is no longer housing rulemaking materials.

FOR FURTHER INFORMATION CONTACT: Bryan Berringer, Program Manager, Draft TSD for High-Intensity Discharge Lamps, Docket No. EE-DET-03-001, EE-2J / Forrestal Building, U.S. Department of Energy, Office of Building Technologies, EE-2J, 1000 Independence Avenue SW, Washington, DC, 20585-0121, (202) 586-0371. Email: Bryan.Berringer@hq.doe.gov.