

Frequently Asked Questions

Notice of Proposed Determination Pertaining to Energy Conservation Standards for Small Electric Motors

1. What is the purpose of this notice?

In this Notice of Proposed Determination (“NOPD”), the U.S. Department of Energy (“DOE”) proposes to not amend its energy conservation standards for small electric motors. DOE has tentatively determined that more-stringent, amended standards would not be cost effective.

This NOPD is part of DOE’s ongoing commitment to consider feedback from all interested stakeholders and promote an open and transparent rulemaking process.

2. What type of information is the Department looking for?

In this NOPD, DOE proposes to not amend its energy conservation standards for small electric motors because more stringent standards would not be cost effective (negative LCC results at all analyzed efficiency levels). DOE requests comment on this proposed determination and associated analyses and results.

3. What is a small electric motor?

A small electric motor converts electrical energy into mechanical energy and appear in a variety of applications including fans and blowers, pumps, gas compressors, conveyors and material handling, and industrial machinery.

4. How much energy do small electric motors consume?

Regulated small electric motor shipments weighted average per-unit energy consumption is estimated to approximately 1,070 kWh/year, and national annual primary energy consumption is approximately 0.3 quads (0.8 percent total building energy use).

5. How many small electric motors are shipped annually in the United States?

Shipments of small electric motors were estimated to be approximately 4.17 million in 2012.

6. Who are the parties that may be interested in this notice?

Interested parties include manufacturers of small electric motors, trade associations, distributors, energy utilities, state agencies, international organizations, and consumer, energy, and environmental advocacy groups.

7. How does an interested party comment on this notice and when are comments due?

The comment period for this rule will be 60 days, beginning on the date in which this document publishes in the *Federal Register*. Interested parties may submit comments via the Federal e-Rulemaking Portal at <http://www.regulations.gov> or via email to SmallElecMotors2019STD0008@ee.doe.gov, identified with docket number EERE-2019-BT-STD-0008. Comments may also be submitted via postal mail or hand delivery by following the instructions found in the document.