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**Technology, Energy & Communications  
Committee**

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**HB 1003**

**Brief Description:** Establishing energy efficiency standards for consumer products.

**Sponsors:** Representatives Morris, Stanford, Frockt, Moeller and Upthegrove.

**Brief Summary of Bill**

- Establishes minimum efficiency standards for televisions, compact audio products, certain external power supplies, and digital versatile disc (DVD) players and recorders.

**Hearing Date:** 1/19/11

**Staff:** Kara Durbin (786-7133).

**Background:**

Washington law sets minimum energy efficiency standards for nine categories of electrical products sold, offered for sale, or installed in the state:

- automatic commercial ice cube machines;
- certain wine chillers;
- commercial hot food holding cabinets;
- commercial refrigerators and freezers;
- tub spout diverters;
- certain incandescent reflector lights;
- pool heaters, residential pool pumps, and portable electrical spas;
- hot water dispensers and mini-tank electric water heaters; and
- bottle-type and point-of-use water dispensers.

Federal law generally allows states to establish minimum energy efficiency standards for electrical products that are not currently addressed in federal law.

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*This analysis was prepared by non-partisan legislative staff for the use of legislative members in their deliberations. This analysis is not a part of the legislation nor does it constitute a statement of legislative intent.*

**Summary of Bill:**

Minimum efficiency standards are established for the following electrical products manufactured on or after January 1, 2012, that are sold or offered for sale in the state:

- compact audio products;
- digital versatile disc (DVD) players and digital versatile disc recorders (DVRs); and
- state-regulated external power supplies.

These products may not be installed for compensation in the state on or after January 1, 2013, unless they meet the specified efficiency standards.

Minimum efficiency standards are also established for televisions. Televisions with a screen size of 1,400 square inches or less that are manufactured after January 1, 2012, but before January 1, 2014, may not be sold in the state, or installed for compensation in the state on or after January 1, 2013, unless they meet the following standards: (1) use no more than 0.2 times the viewable screen size plus 32 watts in on mode; (2) use no more than one watt in standby-passive mode; (3) have a peak luminance in the preset mode designed for typical home use and for the default mode as shipped that is no less than 65 percent of the peak luminance at the brightest setting; and (4) have a minimum power factor of 0.9 when power is greater than or equal to 100 watts.

Televisions with a screen size of 1,400 square inches or less that are manufactured on or after January 1, 2014, may not be sold in the state, or installed for compensation in the state on or after January 1, 2015, unless they meet the following standards: (1) use no more than 0.12 times the viewable screen size plus 25 watts in on mode; (2) use no more than one watt in standby-passive mode; (3) have a peak luminance in the preset mode designed for typical home use and for the default mode as shipped that is no less than 65 percent of the peak luminance at the brightest setting; and (4) have a minimum power factor of 0.9 when power is greater than or equal to 100 watts.

**Appropriation:** None.

**Fiscal Note:** Available.

**Effective Date:** The bill takes effect 90 days after adjournment of the session in which the bill is passed.