



**To:** Senate Committee on Energy and Natural Resources

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**Date:** February 11, 2015

**Subject:** SB 20 – Section by Section Analysis

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### **Summary**

SB 20 corrects apparently inadvertent errors and omissions in SB 692 (2013), which established new energy efficiency standards for televisions, battery charger systems, and certain halogen lamps.

First, SB 20 adds language to the standards adopted in 2013 for televisions, large battery charger systems and high light output double-ended quartz halogen lamps to clarify that those standards apply only to products manufactured on or after the effective date of the relevant standard.

Second, SB 20 revises language in the standards adopted in 2013 for battery backups and uninterruptible power supplies for small battery charger systems such that those standards match the California standards for the same products, as was intended by SB 692. The revisions correct typographic errors in the description of the products subject to the standard and in the mathematical formula for calculating energy usage.

Third, SB 20 repeals a paragraph from SB 692 that is redundant with the adopted standards for a la carte replacement small battery charger systems and contains a conflicting effective date for small battery charger systems not sold at retail.

### **Background**

In 2013 with SB 692, the Legislature adopted new energy efficiency standards for televisions, large and small battery charger systems, and high light output double-ended quartz halogen lamps. The standards for televisions, large battery charger systems and small battery charger systems sold at retail became effective January 1, 2014. The standards for small battery charger systems not sold at retail will become effective January 1, 2017. The standards for high light output double-ended quartz halogen lamps will become effective January 1, 2016.

ODOE maintains administrative rules for Oregon's regulated appliances (OAR 330-092). After the enactment of SB 692, ODOE conducted a rulemaking with a stakeholder advisory

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committee and adopted rules to implement the new efficiency standards. During the rulemaking, stakeholders indicated that, for televisions and battery charger systems, the Legislature had intended to adopt the same standards as previously adopted by California. However, stakeholders identified several discrepancies between Oregon's new standards and California's. The discrepancies appear to be unintended by the 2013 Legislature. The discrepancies exist in statute, and therefore could not be resolved in the rulemaking.

For high light output double-ended quartz halogen lamps, Oregon was the first state to adopt standards. Therefore, there is no equivalent standard in California.

### **Section 1**

This section makes the following changes to the energy efficiency standards that were added to ORS 469.233 in 2014 as a result of SB 692, Section 3:

1) Televisions:

Makes the standard in ORS 469.233(18) applicable only to televisions manufactured on or after January 1, 2014, the effective date of the standard. (Currently the standard applies to all devices sold or installed after the effective date, regardless of manufacture date.)

2) Large battery charger systems:

Makes the standard in ORS 469.233(19)(a) applicable only to large battery charger systems manufactured on or after January 1, 2014, the effective date of the standard. (Currently the standard applies to all devices sold or installed after the effective date, regardless of manufacture date.)

3) Small battery charger systems:

- a. In ORS 469.233(19)(b)(B)(v) and (vi), adds a "+" symbol to the formula for calculating energy consumption of battery backups and uninterruptible power supplies for small battery chargers. The addition of the "+" symbol fixes an apparent mistake in SB 692, making the formula match the formula used in California's regulation.
- b. Changes the device subject to the standard in ORS 469.233(19)(b)(B)(vi) from "small battery charger systems not sold at retail" to "battery backups and uninterruptible power supplies for small battery charger systems not sold at retail". The original language from SB 692 is in error because it conflicts with the standard for "small battery charger systems that are not sold at retail" already established in subsection (19)(b)(B)(iii), and does not match the California standard.



## Section 2

This section makes the following changes to the energy efficiency standards that will be added to ORS 469.233 in 2016 as a result of SB 692, Section 4:

- 1) High light output double-ended quartz halogen lamps:  
Makes the standard in ORS 469.233(20) applicable only to lamps manufactured on or after January 1, 2016, the effective date of the standard. (As currently written, the standard that becomes effective Jan 1, 2016, will apply to all devices sold or installed after the effective date, regardless of manufacture date.)
- 2) Televisions, large battery charger systems, small battery charger systems:  
The changes made in Section 1 of SB 20 described above are repeated in Section 2 of SB 20, since those changes will need to be incorporated again into ORS 469.233 after it is amended by Section 4 of SB 692 in 2016.

## Section 3

This section deletes subsection (5) of Section 10 of SB 692 (implemented as Section 10, Chapter 418, Oregon Laws 2013).

The deleted language is unnecessary because:

- It creates an exemption from the standards for a la carte small battery charger systems used as repair or replacement parts that is redundant with the exemption already established in ORS 469.233(19)(b)(C) by Section 4 of SB 692.
- It contains an effective date of *July 1, 2017*, for the standard for small battery charger systems not sold at retail that is in conflict with the effective date of *January 1, 2017*, established in ORS 469.233(19)(b)(B)(iii) by section 4 of SB 692.

