

Summary and Response to Stakeholder Comments

ENERGY STAR Addendum to the Department of Energy's (DOE) Test Procedure for Television Sets

I. VERIFICATION OF NETWORK CONNECTION CAPABILITIES

#Key	Comment Summary	Response
1	A stakeholder noted that requiring verification of a network connection would be burdensome, specifically for Hospitality TVs that would require a hospitality pay-per-view system.	Additional connection verification is only necessary if a network input is present and the features associated with this input are not advertised or listed in the user manual. Also, DAM testing is already required for ENERGY STAR; therefore, no additional burden is expected.

II. STANDBY-ACTIVE, HIGH MODE TEST

#Key	Comment Summary	Response
2	A stakeholder favors the CEA Download Acquisition Mode (DAM) guidance document that ENERGY STAR includes in their test method. The DAM guidance document states that the practical test method shall be followed for DAM testing and to remove infrequent downloads from inclusion in the power calculation.	DOE will address this comment as part of the TV Test Procedure NOPR; it does not pertain to the ENERGY STAR Standby-Active, Low addendum.
3	A stakeholder requested that any power associated with wake-up power be excluded from DAM (standby-active, high) power calculations. They state that many TVs use a network connection to turn on (wake-up) the TV instead of a remote.	<p>DOE would like to request additional information in order to better respond to the comment.</p> <p>If the power associated with this feature is continuously cyclical, similar to the wake-on-LAN feature in network interface controllers for computers, it should be included as part of standby-active, low power consumption.</p> <p>If wake-up power is referring to a brief spike in power from a network device to turn the TV on (wake-up), this would be considered an infrequent data transfer and therefore be excluded from the power consumption of standby-active, high.</p>

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III. STANDBY-ACTIVE, LOW MEASUREMENT PROCEDURE

#Key	Comment Summary	Response
4	A stakeholder requested that DOE reference IEC 62301-2011, instead of IEC 62087-2011, for the standby-active, low power measurement procedure.	<p>IEC 62301-2011 is a general standby standard for all household electrical appliances. It is typically used as a broad definition for standby mode that other standards use as a basis for more specific applications. IEC 62087 is specific for audio/video equipment, and provides a definition for standby-active, low mode.</p> <p>Standby-Active, Low mode more closely fits the definition of standby mode for audio/video equipment as specified in IEC 62087-2011.</p> <p>The final version of the ENERGY STAR TVs addendum continues to reference IEC 62087-2011.</p>