

ENERGY STAR Most Efficient 2012 Proposal for Televisions: Stakeholder Comments and EPA Responses

Comment Summary	EPA Response
<p>Numerous energy efficiency program sponsor stakeholders expressed support for EPA's efforts to establish a 'Most Efficient 2012' program for televisions and commented that developments in TV technology suggest that there remains a large opportunity for energy efficiency improvements in TVs. These stakeholders emphasized that utility incentive programs and EPA's Most Efficient have critical roles to play to ensure rapid market adoption of these super-efficient technologies by providing valuable product differentiation and recognition as the leading edge of efficiency. These stakeholders concluded that super-efficient models will save US consumers and businesses substantial sums of money from reduced electricity bills.</p>	<p>EPA thanks stakeholders for their comments and acknowledges the important role utility incentive programs play in driving rapid market adoption of the most efficient products available.</p>
<p>One stakeholder expressed strong support for EPA's inclusion of TVs in the ENERGY STAR Most Efficient 2012 pilot and the stringency of the proposed specification. The stakeholder noted that despite establishing ambitious levels, the 2011 program has been a broad success as EPA reports there are already 18 eligible models representing a wide range of sizes (16 to 60 inches screen size) and offered by four different manufacturers. As the market has continued to shift towards even more efficient models, the stakeholder supports EPA's decision to increase the stringency of the Most Efficient criteria to maintain the integrity of this leadership designation.</p>	<p>EPA thanks the stakeholder for this comment.</p>
<p>One stakeholder commented that the two televisions that were most efficient in terms of W/in² listed in the March 15, 2011 ENERGY STAR Television dataset were not eligible for the 2011 Most Efficient recognition (such products did not meet the Most Efficient 2011 criteria for On Mode power). However, the stakeholder noted that the changes proposed for the 2012 Most Efficient program include changes which more closely follow – and reward – television efficiency, particularly for larger television screen sizes. The stakeholder commended EPA on developing a Most Efficient program which recognizes that the largest and most advanced televisions are the most efficient products available, and that they should qualify for both ENERGY STAR and the Most Efficient recognition.</p>	<p>EPA thanks stakeholders for their comments.</p>

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<p>Numerous energy efficiency program sponsor stakeholders encouraged EPA to maintain consistency in its approach to On Mode Power requirements for both ME 2012 and the Version 6.0 ENERGY STAR Television specification. The Most Efficient 2012 On Mode Power requirements are defined by an equation, which creates a curve that approaches approximately 95 Watts at the largest screen sizes. While these stakeholders support EPA's new approach, they noted it is a departure from the Version 5 and Draft Version 6 specifications, which consisted of a series of linear equations and, for Version 5, a requirement that all models 50 inches and above use no more than 108 watts.</p> <p>The energy efficiency program sponsor stakeholders further noted that the Most Efficient 2012 curve intersects the Draft 1 Version 6 efficiency requirements at roughly 1750 in, creating a situation in which a large TV model could be qualified for 'Most Efficient' but not ENERGY STAR. Therefore, the stakeholders recommended that EPA use a consistent approach between Most Efficient and the general ENERGY STAR TV specification, especially in developing On Mode power criteria in the next draft of the Version 6 specification. This approach will ensure that the Most Efficient initiative is a subset of the ENERGY STAR specification.</p>	<p>EPA thanks stakeholders for their comments. EPA is currently in the process of preparing a second draft of the Televisions Version 6.0 specification and will take stakeholder recommendations into consideration.</p>