



**Most Efficient
2016**
www.energystar.gov

Recognition Criteria Televisions

Scope

Included products: Televisions, as defined below, are eligible for ENERGY STAR® Most Efficient recognition in 2016.

Television: A product designed to produce dynamic video, contains an internal TV tuner encased within the product housing, and that is capable of receiving dynamic visual content from wired or wireless sources. Hospitality Televisions as defined per the ENERGY STAR Program Requirements Product Specification for Televisions, Version 7.0 are also included.

Excluded products: None.

Recognition Criteria

1) Product must be ENERGY STAR certified consistent with applicable ENERGY STAR Partner Commitments and the requirements set forth in the ENERGY STAR Program Requirements Product Specification for Televisions, Version 7.0. Product performance must be certified by a certification body recognized by the U.S. Environmental Protection Agency (EPA).

2) Additional requirement:

$$P_{\max} = 62 \times \tanh(0.000412 [A-140] + 0.014) + 14$$

P_{\max} = maximum allowable On Mode Power consumption in W;

A = viewable screen area of the product in square inches;

\tanh = hyperbolic tangent function

Recognition Period

EPA will add qualifying models to the ENERGY STAR Most Efficient 2016 product list for televisions from January 1, 2016 through December 31, 2016. The ENERGY STAR Most Efficient 2016 designation may be used in association with models recognized during this period for as long as the model remains on the market.