



ENERGY STAR Televisions Template

Release Date: TBD

Description: Information for certification bodies to provide to EPA on products certified as meeting the eligibility criteria for the ENERGY STAR® Program Requirements for Televisions Version 6.0 and 6.1. Additional instructions for submitting this information to EPA are available at www.energystar.gov/cbresourcesgpx.

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Name	Description	Required/Optional	Multiple Select	Data Type	Restrictions	Enumerations
Product Specific Information						
ENERGY STAR Specification Version		R	N	Enumeration Data		<ul style="list-style-type: none"> • 6.0 • <u>6.1</u>
Product Type		R	N	Enumeration Data		<ul style="list-style-type: none"> • Component Television Unit • TV Combination Unit • Television (TV)

If Combination, Describe	Required if the Product Type is TV Combination Unit.	O	N	Text	Min Occurs: 0 Max Length: 1000	
<u>Test Method Used for Certification</u>	<u>Required if ENERGY STAR Specification Version is 6.1. Indicate the test method(s) used for certification per Section 4 Table 1 of the ENERGY STAR Specification.</u>	<u>O</u>	<u>Y</u>	<u>Enumeration Data</u>	<u>Min Occurs: 0</u> <u>Max Occurs: 3</u>	<ul style="list-style-type: none"> • <u>DOE NOPR Test Procedures for Television Sets, 77 FR 2864</u> • <u>DOE Final Rule Test Procedures for Television Sets, Appendix H to Subpart B of 10 CFR 430</u> • <u>ENERGY STAR Test Method for Televisions, Rev. Aug-2010</u>
Display Category		R	N	Enumeration Data		<ul style="list-style-type: none"> • Direct View • Rear Projection
Display Type		R	N	Enumeration Data		<ul style="list-style-type: none"> • DLP • LCD • OLED • Plasma • Other
Other Display Type	Required if the Display Type is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	

Backlight Technology		R	N	Enumeration Data		<ul style="list-style-type: none"> • CCFL • Direct-lit LED • Edge-lit LED • HCFL • Other
Other Backlight Technology	Required if the Backlight Technology is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Signal Technology		R	N	Enumeration Data		<ul style="list-style-type: none"> • Analog • Digital
Native Resolution Vertical (pixels)	Indicate the vertical pixels.	R	N	Integer		
Native Resolution Horizontal (pixels)	Indicate the horizontal pixels.	R	N	Integer		
Resolution Format		R	N	Enumeration Data		<ul style="list-style-type: none"> • 720p • 1080i • 1080p • Other
Other Resolution Format	Required if the Resolution Format is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Aspect Ratio		R	N	Enumeration Data		<ul style="list-style-type: none"> • 16:10

						<ul style="list-style-type: none"> • 4:3 • 16:9 • Other
Other Aspect Ratio	Required if the Aspect Ratio is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Local Dimming?		R	N	Enumeration Data		<ul style="list-style-type: none"> • None • Display dims as an entire unit • Display dims by horizontal or vertical rows • Display dims in local sectors • Other
Other Local Dimming	Required if Local Dimming is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Viewable Screen Height (in)		R	N	Decimal	No. of Decimal: 2	
Viewable Screen Width (in)		R	N	Decimal	No. of Decimal: 2	
Diagonal Viewable Screen Size (in)		R	N	Decimal	No. of Decimal: 2	

Viewable Screen Area (sq in)		R	N	Decimal	No. of Decimal: 2	
Is This Product Shipped With an External Power Supply (EPS)?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Does Unit Ship with Consumer Informational Materials?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Addtl. Detail About ENERGY STAR Included in Printed Literature?	Is additional detail about ENERGY STAR included in printed literature? Required if Does Unit Display Information About "Home" Setting? is Yes. Indicate N/A if no forced menu.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A
Does Unit Have a Forced Menu at Initial Start-up?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Was Unit Tested in "Home" Setting?	Required if unit has a forced menu at initial start-up. Indicate N/A if no forced menu.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A
Does Unit Have a Second Prompt Confirming "Retail" Setting?	Required if unit has a forced menu at initial start-up. Indicate N/A if no forced menu.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A

Does Unit Display Information About "Home" Setting?	Required if unit has a forced menu at initial start-up. Indicate Yes if model displays information on the start-up menu that the "home" picture mode is the mode in which the model qualifies for ENERGY STAR. Indicate N/A if no forced menu.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A
Does Unit Provide Different Picture Setting Option?	Indicate Yes if unit provides option of selecting a different picture setting from a preset menu at any time.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Does Unit Display Information About Default Picture Setting?	Required if unit provides option of selecting different picture setting(s) from a preset menu at any time. Indicate Yes if model displays information that default picture setting is setting under which product qualified for ENERGY STAR. Settings other than the default setting (the default setting may be called "Home" or "Auto" or "General"), can include other pre-set picture settings such as "Sports," "Cinema," etc. Indicate N/A if no option of selecting different picture setting from a preset menu at any time.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A
Available Networking/Control Protocols		R	Y	Enumeration Data	Min Occurs: 1 Max Occurs: 6	<ul style="list-style-type: none"> • None • Ethernet • IEEE 1394 • USB • 802.11 WiFi • Other
Other Available Networking/Control Protocols	Required if Available Networking/Control Protocols is Other.	O	N	Text	Min Occurs: 0 Max Length:	

					1000	
Net. Prot. Enabled During Testing in Standby-Active Low Mode	Indicate the networking protocol enabled during testing in standby-active low mode. Indicate N/A if Available Networking/Control Protocols is None.	R	N	Enumeration Data		<ul style="list-style-type: none"> • 802.11 WiFi • Ethernet • Other • N/A
Other Net. Prot. Enabled During Test in Standby-Active Low Mode	Required if Networking Protocol Enabled During Testing in Standby-Active Low Mode is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Audio/Video Ports		R	Y	Enumeration Data	Min Occurs: 1 Max Occurs: 10	<ul style="list-style-type: none"> • Coaxial • Component • Composite • DVI • HDMI • IEEE 1394 • RF • S-Video • VGA • Other
Other Audio/Video Ports	Required if Audio/Video Ports is Other.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Other Features in TV		R	Y	Enumeration Data	Min Occurs: 1 Max Occurs: 17	<ul style="list-style-type: none"> • Additional analog tuner • Anti-burn-in • Anti-glare

						<ul style="list-style-type: none"> • Digital IP tuner • Electronic program guide • Energy gauge • Integrated DVR • Integrated hard drive • MOCA/HPNA • Motion blur • Picture-in-picture • User adjustable backlight • Wide color gamut • Network Connectivity: Wireless • Network Connectivity: Wired • Other • None
Does This Product Have a Power Overhang State?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
If Yes, How Long Does the Power Overhang State Last? (min)	Required if the product has a power overhang state. <u>If power overhang state is less than a minute, indicate number of seconds in decimal form i.e. 0.75 for 45 seconds.</u>	O	N	Integer Decimal	Min Occurs: 0 <u>No. of Decimal: 2</u>	
Is the Power Overhang State Enabled By Default?	Required if the product has a power overhang state.	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A

What is the Power Overhang State's Function?	Required if the product has a power overhang state.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Power Use in Power Overhang State (W)	Required if the product has a power overhang state. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
3D Television?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Is a Point of Deployment (POD) Module Present?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Is Download Acquisition Mode (DAM) Present?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
If DAM is Present, Indicate Typ. Time in DAM (min. per 24 hrs)	If DAM is present, indicate typical time in DAM. Required if DAM is present. <u>If typical time in DAM is less than a minute, indicate number of seconds in decimal form i.e. 0.75 for 45 seconds.</u>	O	N	Integer Decimal	Min Occurs: 0 <u>No. of Decimal: 2</u>	
If DAM is Present, Indicate Typ. Power Consumed While in DAM (W)	If DAM is present, indicate typical power consumed while in DAM. Required if DAM is present. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
If DAM is Present,	Required if DAM is present. Provide	O	N	Decimal	Min Occurs: 0	

Indicate Energy Consumption in DAM (Wh/day)	power use at 115 V.				No. of Decimal: 1 Max Value: 40	
For Which Activities Does the TV Have the DAM Function?	Required if DAM is present.	R	Y	Enumeration Data	Min Occurs: 1 Max Occurs: 5	<ul style="list-style-type: none"> • Download channel listing information for use by an electronic programming guide • Monitor for emergency messaging/communications • Otherwise communicate through a network protocol • Other • N/A
Is Automatic Brightness Control (ABC) Present?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Is ABC Activated by Default When Television is Shipped?		R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No • N/A
Luminance in Default Picture Mode as Shipped (cd/m ²)	Report the number in Candelas per Square Meter. Also known as Default Picture Setting in the Final Rule Test Method.	R	N	Decimal	No. of Decimal: 1	
On Mode Power in Default Picture Mode as Shipped	Provide power use at 115 V. Also known as Default Picture Setting in the Final Rule Test Method.	R	N	Decimal	No. of Decimal: 1	

(W)						
Name of Default Picture Mode as Shipped	Name of default picture mode as shipped (or as selected using forced menu). Also known as Default Picture Setting in the Final Rule Test Method.	R	N	Text	Min Length: 1 Max Length: 1000	
Luminance in Brightest Selectable Preset Mode (cd/m^2)	Report the number in Candelas per Square Meter. Also known as Brightest Selectable Picture Setting in the Final Rule.	R	N	Decimal	No. of Decimal: 1	
On Mode Power in Brightest Selectable Preset Picture Mode (W)	Provide power use at 115 V. Provide the On Mode Power in the Brightest Selectable Preset Picture Mode in watts at 115 V. Also known as the Brightest Selectable Picture Setting in the Final Rule.	R	N	Decimal	No. of Decimal: 1	
Name of Brightest Selectable Preset Picture Mode	Also known as the Brightest Selectable Picture Setting in the Final Rule.	R	N	Text	Min Length: 1 Max Length: 1000	
Hospitality Television?	Does television meet the definition of a hospitality television as defined in the specification?	R	N	Enumeration Data		<ul style="list-style-type: none"> • Yes • No
Video Input Used for Test Signal		R	N	Enumeration Data		<ul style="list-style-type: none"> • Component • Composite • HDMI/DVI • S-video • VGA
Signal Source for		R	Y	Enumeration	Min Occurs: 1	<ul style="list-style-type: none"> • DVD

Power and Luminance Tests				Data	Max Occurs: 3	<ul style="list-style-type: none"> • Blu-Ray • Other
Other Signal Source for Power and Luminance Tests	Required if Signal Source for Power and Luminance Tests is Other. Provide an explanation of signal source for power and luminance tests.	O	N	Text	Min Occurs: 0 Max Length: 1000	
<u>Default Picture Setting Special Functions</u>	<u>Required if any Special Functions are configured and enabled under the Default Picture Setting tests. Indicate any Special Functions.</u>	<u>O</u>	<u>N</u>	<u>Text</u>	<u>Min Occurs: 0</u> <u>Max Length: 1000</u>	
<u>Quick Start Function Enabled</u>	<u>Required if model was tested per the Final Rule Test Procedures for Television Sets Indicate whether the model was tested with a 'Quick Start' function enabled.</u>	<u>O</u>	<u>N</u>	<u>Enumeration Data</u>	<u>Min Occurs: 0</u>	<ul style="list-style-type: none"> • <u>Yes</u> • <u>No</u>
<u>Quick Start Configuration</u>	<u>Required if the model was tested with a Quick Start function enabled. Indicate whether 'Quick Start' is configured via a forced menu.</u>	<u>O</u>	<u>N</u>	<u>Enumeration Data</u>	<u>Min Occurs: 0</u>	<ul style="list-style-type: none"> • <u>Yes</u> • <u>No</u>
Measured Standby-Passive Mode Power (W)	Provide the actual standby-passive mode power (Pstandby-passive) at factory default settings based on test data. Provide power use at 115 V.	R	N	Decimal	No. of Decimal: 1 Max Value: 1.0	
Reported Standby-Passive Mode Power (W)	Provide the rated/reported standby-passive mode <u>Standby-Passive Mode power at factory default settings in watts at 115 V</u> , which will appear on the ENERGY STAR list of qualified <u>certified</u> products. Provide power use at 115 V.	R	N	Decimal	No. of Decimal: 1 Max Value: 1.0	
Standby-Passive	Provide power use at 115 V.	R	N	Decimal	No. of Decimal: 1	

Mode Power Limit (W)					Max Value: 1.0	
Measured On Mode Power for Models Without ABC (W)	Provide the actual on mode <u>measured On Mode</u> power (Pon) based on test data at 115 V . Required for units without ABC activated <u>enabled</u> by default when product is shipped. Provide power use at 115 V .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1 Max Value: 114.1	
Reported On Mode Power (W)	Provide the rated/reported on mode <u>On Mode</u> power <u>at 115 V</u> for models with or without ABC activated <u>enabled</u> by default, which will appear on the ENERGY STAR list of qualified <u>certified</u> products. Provide power use at 115 V .	R	N	Decimal	No. of Decimal: 1 Max Value: 114.1	
Maximum On Mode Power for Qualification (W)	Provide power use at 115 V .	R	N	Decimal	No. of Decimal: 1 Max Value: 114.1	
True Power Factor During On Mode		R	N	Decimal	No. of Decimal: 2 Max Value: 1.0	
Estimated Annual Energy Use (kWh/year)	<u>Required if model was tested per the NOPR Test Procedures for Television Sets, 77 FR 2864</u> . Report the number in kWh/year, assuming a daily duty cycle of 5 hours in On Mode and 19 hours in Standby-Passive Mode, plus estimated annual energy consumption in Download Acquisition Mode. Provide power use at 115 V.	R	N	Decimal	No. of Decimal: 1	
<u>Final Rule Calculated Annual Energy Consumption</u>	<u>Required if model was tested per the Final Rule Test Procedures for Television Sets. Indicate the calculated Annual Energy Consumption in kWh at 115 V.</u>	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u>	

(kWh)	For Hospitality TVs, include the estimated annual energy consumption in <u>Download Acquisition Mode</u> .					
<u>Final Rule Reported Annual Energy Consumption(kWh)</u>	Required if model was tested per the <u>Final Rule Test Procedures for Television Sets</u> . Report the <u>Annual Energy Consumption in kWh at 115 V</u> . For Hospitality TVs, include the estimated <u>annual energy consumption in Download Acquisition Mode</u> . This rated/reported value will appear on the ENERGY STAR list of certified products.	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u>	
Measured On Mode Power at Ambient Light Level of 300 lux (W)	On mode power consumption at ambient light level of 300 lux entering sensor (P300) Required if for models with ABC is activated <u>enabled</u> by default when product is shipped and tested per the NOPR . Provide the <u>On Mode power use</u> at 115 V with 300 lux entering the sensor (P300) .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
Measured On Mode Power at Ambient Light Level of 100 lux (W)	On mode power consumption at ambient light level of 100 lux entering sensor (P100) Required if for models with ABC is activated <u>enabled</u> by default when product is shipped and tested per the NOPR or Final Rule . Provide the <u>On Mode power use</u> at 115 V with 100 lux entering the sensor (P100) .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
Measured On Mode Power at Ambient Light Level of 50 lux (W)	On mode power consumption at ambient light level of 50 lux entering sensor (P50) Required if for models with ABC is activated <u>enabled</u> by default when product is shipped and tested per the NOPR . Provide the <u>On Mode power use</u> at 115 V with 50 lux entering the sensor (P50) .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	

Measured On Mode Power at Ambient Light Level of 35 lux (W)	Required for models with ABC enabled by default and tested per the Final Rule. Provide the On Mode power at 115 V with 35 lux entering the sensor (P35).	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u>	
Measured On Mode Power at Ambient Light Level of 12 lux (W)	Required for models with ABC enabled by default and tested per the Final Rule. Provide the On Mode power at 115 V with 12 lux entering the sensor (P12).	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u>	
Measured On Mode Power at Ambient Light Level of 10 lux (W)	On mode power consumption at ambient light level of 10 lux entering sensor (P10). Required if for models with ABC is activated enabled by default when product is shipped and tested per the NOPR. Provide the On Mode power use at 115 V with 10 lux entering the sensor (P10).	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
Measured On Mode Power at Ambient Light Level of 3 lux (W)	Required for models with ABC enabled by default and tested per the Final Rule. Provide the On Mode power at 115 V with 3 lux entering the sensor (P3).	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u>	
Measured On Mode Power at Ambient Light Level of 0 lux (W)	On mode power consumption at ambient light level of 0 lux entering sensor (P10). Required if for models with ABC is activated enabled by default when product is shipped and tested per the NOPR. Provide the On Mode power use at 115 V with 3 lux entering the sensor (P3).	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
Calculated On Mode Power for Models with ABC (W)	Provide the calculated on mode On Mode power at 115 V (Pon_ABC) based on measured test data. Required for units with ABC activated enabled by default when product is shipped. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1	
If Hospitality	Required if hospitality TV. Provide power	O	N	Decimal	Min Occurs: 0	

Television Indicate Calculated TEC Value (Wh/day)	use <u>the calculated Total Energy Consumption</u> at 115 V.				No. of Decimal: 1 Max Value: 599.0	
Maximum Allowed TEC for Hospitality TVs (Wh/day)	Required if hospitality TV. Provide power use at 115 V <u>the maximum allowed Total Energy Consumption</u> .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1 Max Value: 599.0	
Max. Allowed DAM for Hospitality TVs with Always-on DAM (W)	Required if hospitality TV with always-on DAM. Provide <u>the maximum allowed DAM</u> power use at 115 V <u>in watts</u> .	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1 Max Value: 1.0	
Number of Standby-Passive Modes in Addition to Default		R	N	Enumeration Data		<ul style="list-style-type: none"> • 0 • 1 • 2 • 3 or more
Addtl. Standby-Passive Mode 1 - Features	Required if product has one or more standby-passive modes in addition to the default standby-passive mode. List the features/settings causing this standby-passive mode.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Additional Standby-Passive Mode 1 Power (W)	Required if product has one or more standby-passive modes in addition to the default standby-passive mode. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 2	
Addtl. Standby-Passive Mode 2 - Features	Required if product has one or more standby-passive modes in addition to the default standby-passive mode. List the features/settings causing this standby-passive mode.	O	N	Text	Min Occurs: 0 Max Length: 1000	

Additional Standby-Passive Mode 2 Power (W)	Required if product has two or more standby-passive modes in addition to the default standby-passive mode. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 2	
Addtl. Standby-Passive Mode 3 - Features	Required if product has three or more standby-passive modes in addition to the default standby-passive mode.	O	N	Text	Min Occurs: 0 Max Length: 1000	
Additional Standby-Passive Mode 3 Power (W)	Required if product has three or more standby-passive modes in addition to the default standby-passive mode. Provide power use at 115 V.	O	N	Decimal	Min Occurs: 0 No. of Decimal: 2	
Measured Standby-Active, Low Mode Power (W)	Standby-Active, Low Mode shall be tested Required for models with network connectivity enabled. Required if unit has network connectivity. Provide <u>the measured Standby-Active, Low Mode power usein watts at 115 V, which will appear on the ENERGY STAR list of certified products.</u>	O	N	Decimal	Min Occurs: 0 No. of Decimal: 1 Min Value: 0	
<u>Reported Standby-Active, Low Mode Power (W)</u>	<u>Required for models with network connectivity and tested per the Final Rule Test Procedures for Television Sets. Provide the rated/reported Standby-Active, Low Mode power in watts at 115 V, which will appear on the ENERGY STAR list of certified products.</u>	<u>O</u>	<u>N</u>	<u>Decimal</u>	<u>Min Occurs: 0</u> <u>No. of Decimal: 1</u> <u>Min Value: 0</u>	