

Required Test Methods for EPA-Recognized Laboratories

Introduction

Per [Directive #2011-02, EPA Policy on Laboratory Scopes of Accreditation for the ENERGY STAR Program](#), for a laboratory to be recognized by the U.S. Environmental Protection Agency (EPA) to test *non-lighting* products for ENERGY STAR® qualification, the laboratory's scope of accreditation must include *at a minimum* the title of the relevant [ENERGY STAR product specification](#). If the laboratory wishes to list the specific test methods that specification references, then it must include each of the test methods listed in this document for that specification.

Each of the test methods and standards listed here are listed by product specification, as enumerated in the table of contents on the next page. If you have any questions about this document, please contact Certification@energystar.gov.

Lighting product categories are outlined in "ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category," on the [Laboratory Resources web page](#).

Acronyms Used in This Document

AC	=	Air Conditioning	HVI	=	Home Ventilating Institute: www.hvi.org
AHAM	=	Association Of Home Appliance Manufacturers: www.aham.org	IEC	=	Commission Electrotechnique Internationale: www.iec.ch
AHRI	=	Air-Conditioning, Heating, and Refrigeration Institute	IESNA	=	Illuminating Engineering Society of North America: www.iesna.org
ANSI	=	American National Standards Institute: www.ansi.org	ISO	=	International Organization for Standardization: www.iso.org
ASHRAE	=	American Society of Heating, Refrigerating, and Air-Conditioning Engineers: www.ashrae.org	NFRC	=	National Fenestration Rating Council: www.nfrc.org
ASTM	=	American Society for Testing and Materials International: www.astm.org	NVLAP	=	National Voluntary Laboratory Accreditation Program: www.nist.gov/pml/nvlap
CEA	=	Consumer Electronics Association: www.ce.org	STB	=	Set-Top Box
CFR	=	Code of Federal Regulations: www.gpoaccess.gov/cfr	UL	=	Underwriters Laboratories: www.ul.com
CRRC	=	Cool Roof Rating Council: www.coolroofs.org	UPS	=	Uninterruptible Power Supply
DGX	=	Direct geexchange (geothermal heat pumps)			
HVAC	=	Heating, cooling, and air conditioning			

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Required Test Methods for EPA-Recognized Laboratories

Test Methods by ENERGY STAR Product & Sub-Product Type

ENERGY STAR Product Category	Test Method/Standard
Appliances	
Residential & Commercial Clothes Dryers ENERGY STAR Program Requirements Product Specification for Clothes Dryers Version 1.0	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix D2 (Electronic Code of Federal Regulations)
Residential & Commercial Clothes Washers ENERGY STAR Program Requirements Product Specification for Clothes Washers Version 7.1	<ul style="list-style-type: none"> – Residential: 10 CFR 430, Subpart B, Appendix J2 (Electronic Code of Federal Regulations) – Commercial: 10 CFR 430, Subpart B, Appendix J1 (Electronic Code of Federal Regulations)
Residential Dishwashers ENERGY STAR Program Requirements Product Specification for Residential Dishwashers Version 6.0	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix C1 (Electronic Code of Federal Regulations)
Residential Refrigerators ENERGY STAR Program Requirements Product Specification for Residential Refrigerators and Freezers Version 5.0	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix A (Electronic Code of Federal Regulations)
Residential Freezers ENERGY STAR Program Requirements Product Specification for Residential Refrigerators and Freezers Version 5.0	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix B (Electronic Code of Federal Regulations)
Demand Response Capability for Residential Refrigerators and Freezers ENERGY STAR Program Requirements Product Specification for Residential Refrigerators and Freezers Version 5.0	<ul style="list-style-type: none"> – ENERGY STAR Residential Refrigerators and Freezers Test Method to Validate Demand Response, Rev May-2013 (Optional)
Heating and Cooling	

ENERGY STAR Product Category	Test Method/Standard
Boilers ENERGY STAR Program Requirements Product Specification for Boilers Version 3.0	<ul style="list-style-type: none"> – 10 CFR Part 430, Appendix N (Electronic Code of Federal Regulations)
Central ACs and Air-Source Heat Pumps ENERGY STAR Program Requirements Product Specification for Air Source Heat Pump (ASHP) and Central Air Conditioner Equipment Version 5.0	<ul style="list-style-type: none"> – 10 CFR part 430 Subpart B, Appendix M
Commercial Packaged Boilers ENERGY STAR Program Requirements Product Specification for Commercial Packaged Boilers Version 1.0	<ul style="list-style-type: none"> – 10 CFR Part 431.86 – UL 795 <p style="text-align: center;">OR</p> <p style="text-align: center;">ANSI Z21.13-2014/CSA 4.9</p>
Commercial Water Heaters ENERGY STAR Program Requirements Product Specification for Commercial Water Heaters Version 1.0	<ul style="list-style-type: none"> – 10 CFR Part 431.106 (Electronic Code of Federal Regulations) – 10 CFR Part 430, subpart B, Appendix E (Electronic Code of Federal Regulations)
Connected Thermostats ENERGY STAR® Program Requirements for Connected Thermostat Products Version 1.0 (v1.0 CT spec)	<ul style="list-style-type: none"> – Functionality in the absence of connectivity – v1.0 CT spec, sections 4) D and 4) E – Static temperature accuracy – v1.0 CT spec, sections 4) D and 4) F – Network standby power consumption & Time to standby – IEC 62301, Ed. 2.0, 2011-01, subject to clarifications in v1.0 CT spec sections 4) D and 4) G – Reduction in average annual % run time, heating (HS), Reduction in average annual % run time cooling (CS) & Average resistance heat utilization for heat pump installations (RU) – ENERGY STAR Method to Demonstrate Connected Thermostat Field Savings, V1.0
Dehumidifiers ENERGY STAR Program Requirements Product Specification for Dehumidifiers Eligibility Criteria Version 4.0	<ul style="list-style-type: none"> – 10 CFR Part 430, Appendix X, Subpart B (Electronic Code of Federal Regulations)

ENERGY STAR Product Category	Test Method/Standard
Furnaces ENERGY STAR Program Requirements for Furnaces Eligibility Criteria Version 4.0	<ul style="list-style-type: none"> – 10 CFR Part 430, Appendix N (Electronic Code of Federal Regulations) – ANSI/ASHRAE 193-2010
Geothermal Heat Pumps ENERGY STAR Program Requirements Product Specification for Geothermal Heat Pumps Version 3.1	<p style="text-align: center;"><i>See Below</i></p>
<ul style="list-style-type: none"> - Water-to-air (Open or Closed systems) - Water-to-water (Open or Closed systems) 	<ul style="list-style-type: none"> – ISO 13256-1-1998, Water-source heat pumps – Testing and rating for performance – Part 1: Water-to-air and brine-to-air heat pumps <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> – ISO 13256-2-1998, Water-source heat pumps – Testing and rating for performance – Part 2: Water-to-water and brine-to-water heat pumps
<ul style="list-style-type: none"> - DGX Systems 	<ul style="list-style-type: none"> – ANSI/AHRI 870-2005, Performance Rating of Direct Geoechange Heat Pumps
Light Commercial HVAC ENERGY STAR Program Requirements Product Specification for Light Commercial HVAC Version 2.2	<p style="text-align: center;"><i>See Below</i></p>
<65,000 Btu/h: 3 phase, single package, or split systems <ul style="list-style-type: none"> – Air-Source Central Air Conditioner Air-Source Heat Pump	<ul style="list-style-type: none"> – ANSI/AHRI 210/240-2008, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment
≥65,000 Btu/h – <240,000 Btu/h <ul style="list-style-type: none"> – Air-Source Central Air Conditioner – Air-Source Heat Pump 	<ul style="list-style-type: none"> – ANSI/AHRI 340/360-2007, Performance Rating of Commercial and Industrial Unitary Air Conditioning and Heat Pump Equipment
<ul style="list-style-type: none"> – Variable Refrigerant Flow (VRF) Equipment 	<ul style="list-style-type: none"> – AHRI 1230-2010, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment

ENERGY STAR Product Category	Test Method/Standard
Room Air Cleaners ENERGY STAR Program Requirements Product Specification for Room Air Cleaners Version 1.2	<ul style="list-style-type: none"> – ANSI/AHAM AC-1-2006, Method of Measuring the Performance of Portable Household Electric Room Air Cleaners – UL 867 Ed. 4.0, Electrostatic Air Cleaners – IEC 62301 Ed. 1.0 (or 2005), Household electrical appliances – Measurement of standby power
Room Air Conditioners ENERGY STAR Program Requirements Product Specification for Room Air Conditioners Version 4.0	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix F (Electronic Code of Federal Regulations)
Residential Water Heaters ENERGY STAR Program Requirements Product Specification for Residential Water Heaters Version 3.0	<p style="text-align: center;"><i>See Below</i></p>
<ul style="list-style-type: none"> -Gas and electric units; FHR only for storage units, GPM only for instantaneous 	<ul style="list-style-type: none"> – 10 CFR 430, Subpart B, Appendix E (Electronic Code of Federal Regulations)¹
<ul style="list-style-type: none"> -Light duty EPACT-covered gas water heaters 	<ul style="list-style-type: none"> – 10 CFR 431, Subpart G (Electronic Code of Federal Regulations)
<ul style="list-style-type: none"> -Whole-home solar units 	<ul style="list-style-type: none"> – Solar Rating and Certification Corporation (SRCC) OG-300
Commercial Food Service Equipment	
Commercial Coffee Brewers ENERGY STAR Program Requirements Product Specification for Commercial Coffee Brewers Version 1.0	<ul style="list-style-type: none"> – ASTM F-2990-12, Standard Test Method for Commercial Coffee Brewers
Commercial Dishwashers ENERGY STAR Program Requirements Product Specification for Commercial Dishwashers Version 2.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Commercial Dishwashers (Rev. May 2012)

¹ Note on recovery efficiency: For thermostatically-controlled water heaters that do not completely recover or do not undergo a recovery cycle prior to the start of the second draw of the simulated-use test, the recovery efficiency shall be determined as specified in Section 11.2 of ASHRAE 118.2.

ENERGY STAR Product Category	Test Method/Standard
Commercial Fryers ENERGY STAR Program Requirements Product Specification for Commercial Fryers Version 3.0	<ul style="list-style-type: none"> – ASTM F1361-07 (2013), Test Method for the Performance of Open Deep Fat Fryers <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> – ASTM Standard F2144-09, Test Method for Performance of Large Open Vat Fryers (large vat fryers)
Commercial Griddles ENERGY STAR Program Requirements Product Specification for Commercial Griddles Version 1.2	<ul style="list-style-type: none"> – ASTM F1275-03, Standard Test Method for the Performance of Griddles – ASTM F1605-01, Standard Test Method for the Performance of Double-Sided Griddles
Commercial Hot Food Holding Cabinets ENERGY STAR Program Requirements Product Specification for Commercial Hot Food Holding Cabinets Version 2.0	<ul style="list-style-type: none"> – ASTM F2140-11, Standard Test Method for the Performance of Hot Food Holding Cabinets
Commercial Ice Machines ENERGY STAR Program Requirements Product Specification for Commercial Ice Machines Version 2.0	<ul style="list-style-type: none"> – AHRI Standard 810-2007, Performance Rating of Automatic Commercial Ice Makers – 10 CFR Part 431 Subpart H (Electronic Code of Federal Regulations) with the guidance included in Section 4.1.
Commercial Ovens ENERGY STAR Program Requirements Product Specification for Commercial Ovens Version 2.2	<p style="text-align: center;"><i>See Below</i></p>
Commercial Combination Ovens	<ul style="list-style-type: none"> – ASTM F-2861-10, Standard Test Method for Enhanced Performance of Combination Oven in Various Modes
Commercial Convection Ovens	<ul style="list-style-type: none"> – ASTM F1496-13 Standard Test Method for Performance of Convection Ovens
Commercial Rack Ovens	<ul style="list-style-type: none"> – ASTM F2093-11, Standard Test Method for Performance of Rack Ovens
Commercial Refrigerators and Freezers ENERGY STAR Program Requirements Product Specification for Commercial Refrigerators and Freezers Version 3.0	<ul style="list-style-type: none"> – 10 CFR Part 431 Subpart C – 10 CFR Part 431.64 – 10 CFR Part 431.66(d)

ENERGY STAR Product Category	Test Method/Standard
Commercial Refrigerators and Freezers ENERGY STAR Program Requirements Product Specification for Commercial Refrigerators and Freezers Version 4.0	<ul style="list-style-type: none"> – 10 CFR Part 431 Subpart C – 10 CFR Part 431.64 – 10 CFR Part 431.66(e)(2)
Commercial Steam Cookers ENERGY STAR Program Requirements Product Specification for Commercial Steam Cookers Version 1.2	<ul style="list-style-type: none"> – ASTM F1484-99, Standard Test Method for the Performance of Steam Cookers
Electronics and Office Equipment	
Audio/Video ENERGY STAR Program Requirements Product Specification for Audio/Video Version 3.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Audio/Video, ENERGY STAR Program Requirements Product Specification for Audio/Video, Rev. July-2012
Computers ENERGY STAR Program Requirements Product Specification for Computers Version 6.1	<ul style="list-style-type: none"> – ENERGY STAR Computer Test Method, ENERGY STAR Program Requirements Product Specification for Computers, Rev. Aug 2014
Data Center Storage ENERGY STAR Program Requirements Product Specification for Data Center Storage Version 1.0	<ul style="list-style-type: none"> – ENERGY STAR Data Center Storage Test Method, ENERGY STAR Program Requirements Product Specification for Data Center Storage Equipment, Rev. Aug 2013
Displays ENERGY STAR Program Requirements Product Specification for Displays Version 7.0	<p style="text-align: center;"><i>See Below</i></p>
<ul style="list-style-type: none"> – All Product Types and Screen Sizes 	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Determining Display Energy – Rev. Sep-2015
<ul style="list-style-type: none"> – Enhanced Performance Displays 	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Determining Display Energy – Rev. Sep-2015 – International Committee for Display Metrology (ICDM) Information Display Measurements Standard – Version 1.03
<ul style="list-style-type: none"> – Displays Claiming Full Network Connectivity 	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Determining Display Energy – Rev. Sep-2015 – CEA-2037-A, Determination of Television Set Power Consumption

ENERGY STAR Product Category	Test Method/Standard
Enterprise Servers ENERGY STAR Program Requirements Product Specification for Computer Servers Version 2.1	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Computer Servers, Rev. Apr- 2016 – Standard Performance Evaluation Corporation (SPEC) Version 1.1.1 Rev. Feb. 2016 ² Server Efficiency Rating Tool (SERT)
Imaging Equipment ENERGY STAR Program Requirements Product Specification for Imaging Equipment Version 2.0	<ul style="list-style-type: none"> – ENERGY STAR Imaging Equipment Test Method, ENERGY STAR Program Requirements for Imaging Equipment, Rev. June 2013
Large Network Equipment ENERGY STAR Program Requirements Product Specification for Large Network Equipment Version 1.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Large Network Equipment, Rev. December-2015
Set-top Boxes & Cable Boxes ENERGY STAR Program Requirements Product Specification for Set-top Boxes Version 5.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Set-top Boxes (Rev. May-2016) – CTA-2043, “Set-top Box (STB) Power Measurement” (Rev. Aug-2013)
Small Network Equipment ENERGY STAR Program Requirements Product Specification for Small Network Equipment Version 1.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Small Network Equipment, ENERGY STAR Program Requirements for Small Network Equipment, Rev. Nov. 2013
Telephony ENERGY STAR Program Requirements Product Specification for Telephony Version 3.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Telephony, ENERGY STAR Program Requirements for Telephony, Rev. Nov-2013
Televisions ENERGY STAR Program Requirements Product Specification for Televisions Version 7.0	<p style="text-align: center;"><i>See Below</i></p>
-Non-hospitality, not networked	<ul style="list-style-type: none"> – Uniform Test Method for Measuring the Energy Consumption of Television Sets incorporated in Appendix H to Subpart B of 10 CFR Part 430.

² For the purposes of this document, the most current SERT version is listed in the most recently published Servers 2.1 Clarification Memo, located on the Enterprise Servers Specification Version 2.1 website (https://www.energystar.gov/products/spec/enterprise_servers_specification_version_2_1_pd)

ENERGY STAR Product Category	Test Method/Standard
-Non-hospitality, networked	<ul style="list-style-type: none"> - Uniform Test Method for Measuring the Energy Consumption of Television Sets incorporated in Appendix H to Subpart B of 10 CFR Part 430. - CEA-2037-A, Determination of Television Set Power Consumption
-Hospitality	<ul style="list-style-type: none"> - Uniform Test Method for Measuring the Energy Consumption of Television Sets incorporated in Appendix H to Subpart B of 10 CFR Part 430. - CEA-2037-A, Determination of Television Set Power Consumption - CEA Procedure for DAM Testing: For TVs, Rev. 0.3, Sept. 2010
Uninterruptible Power Supplies ENERGY STAR Program Requirements Product Specification for Uninterruptible Power Supplies Version 1.0	<ul style="list-style-type: none"> - ENERGY STAR Test Method for Uninterruptible Power Supplies, ENERGY STAR Program Requirements for Uninterruptible Power Supplies, Rev. May-2012
Lighting and Fans	
Ceiling Fans ENERGY STAR Program Requirements Product Specification for Residential Ceiling Fans Version 3.0	<i>See Below</i>
-Residential Ceiling Fans (no light source)	<ul style="list-style-type: none"> - ENERGY STAR Testing Facility Guidance Manual Version 1.2: Building a Testing Facility and Performing the Solid State Test Method for ENERGY STAR Qualified Ceiling Fans (or Rev. 05/11)
-Residential Ceiling Fans with a light source	<ul style="list-style-type: none"> - ENERGY STAR Testing Facility Guidance Manual Version 1.2: Building a Testing Facility and Performing the Solid State Test Method for ENERGY STAR Qualified Ceiling Fans (or Rev. 05/11) - Please see the “ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category” on the Laboratory Resources web page for the relevant lighting category.
Decorative Light Strings ENERGY STAR Program Requirements Product Specification for Decorative Light Strings Version 1.5	<ul style="list-style-type: none"> - Please see the “ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category” on the Laboratory Resources web page.
Lamps	<ul style="list-style-type: none"> - Please see the “ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category” on the Laboratory Resources web page.

ENERGY STAR Product Category	Test Method/Standard
Luminaires	<ul style="list-style-type: none"> – Please see the “ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category” on the Laboratory Resources web page.
Residential Ventilating Fans ENERGY STAR Program Requirements Product Specification for Residential Ventilating Fans Version 4.0	<p style="text-align: center;"><i>See Below</i></p>
- Ventilating Fans (no light source)	<p><u>Airflow Rating</u></p> <ul style="list-style-type: none"> – Option 1) ANSI/AMCA 210-07 Laboratory Methods of Testing Fans for Aerodynamic Performance Rating – Option 2) HVI Publication 916 Airflow Test Procedure® (2013) <p><u>Sound Rating</u></p> <ul style="list-style-type: none"> – Option 1) ANSI/AMCA Standard 300-08 Reverberant Room Method for Sound Testing of Fans and AMCA Publication 311-05 Certified Ratings Program – Product Rating Manual for Fan Sound Performance (spherical sones method only) – Option 2) HVI Publication 915 Procedure for Loudness Rating of Residential Fan Products© (2013)

ENERGY STAR Product Category	Test Method/Standard
<p>-Ventilating Fans with a light source</p>	<p><u>Airflow Rating</u></p> <ul style="list-style-type: none"> - Option 1) ANSI/AMCA 210-07 Laboratory Methods of Testing Fans for Aerodynamic Performance Rating - Option 2) HVI Publication 916 Airflow Test Procedure®(2013) <p><u>Sound Rating</u></p> <ul style="list-style-type: none"> - Option 1) ANSI/AMCA Standard 300-08 Reverberant Room Method for Sound Testing of Fans and AMCA Publication 311-05 Certified Ratings Program - Product Rating Manual for Fan Sound Performance (spherical sones method only) - Option 2) HVI Publication 915 Procedure for Loudness Rating of Residential Fan Products© (2013) <p><u>Lighting</u></p> <ul style="list-style-type: none"> - Please see the “ENERGY STAR Guide to EPA Laboratory Recognition by Lighting Category” on the Laboratory Resources web page for the relevant lighting category.
<p>Home Building Materials</p>	
<p>Roof Products</p> <p>ENERGY STAR Program Requirements Product Specification for Roof Products Version 2.3</p>	<p><u>Initial Solar Reflectance: choose one of the following two ASTM methods (at least one is required):</u></p> <ul style="list-style-type: none"> - Option 1) ASTM E 903-96 - Standard Test Method for Solar Absorptance, Reflectance, and Transmission of Materials Using Integrating Spheres - Option 2) ASTM C 1549-09 - Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer <p><u>Emissivity:</u></p> <ul style="list-style-type: none"> - ASTM C1371-04a(2010)e1 – Standard Test Method for Determination of Emittance of Materials Near Room Temperature using Portable Emissometers <p><u>Three Year Exposure Test for Weathering Farms (at least one is required):</u></p> <ul style="list-style-type: none"> - Option 1) ASTM G 7-05, Standard Practice for Atmospheric Environmental Exposure Testing of Nonmetallic Materials - Option 2) CRRC Test Method #1, Standard Practice for Measuring Solar Reflectance of a Flat, Opaque, and Heterogeneous Surface Using a Portable Solar Reflectometer

ENERGY STAR Product Category	Test Method/Standard
Roof Products ENERGY STAR Program Requirements Product Specification for Roof Products Version 3.0	<u>Initial Solar Reflectance:</u> <ul style="list-style-type: none"> – ASTM E 903-96 - <i>Standard Test Method for Solar Absorptance, Reflectance, and Transmission of Materials Using Integrating Spheres,</i> OR <ul style="list-style-type: none"> – ASTM E 1918-06: <i>Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field,</i> OR <ul style="list-style-type: none"> – ASTM C 1549-09 - <i>Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer</i> <u>Maintenance of Solar Reflectance:</u> <ul style="list-style-type: none"> – ENERGY STAR Test Method for Roof Products: Maintenance of Solar Reflectance, Dec-2013 <u>Emissivity:</u> <ul style="list-style-type: none"> – ASTM C1371-04a(2010)e1 - <i>Standard Test Method for Determination of Emittance of Materials Near Room Temperature using Portable Emissometers</i>
Windows, Doors, and Skylights ENERGY STAR Program Requirements for Residential Windows, Doors, and Skylights Version 6.0	<ul style="list-style-type: none"> – NFRC procedures for U-Factor (NFRC 100) – Solar Heat Gain Coefficient (NFRC 200) – Skylight U-factor criteria using U-factor ratings certified under the NFRC computer simulation procedure (for tubular daylighting devices only)
Other	
Electric Vehicle Supply Equipment ENERGY STAR Program Requirements Product Specification for Electric Vehicle Supply Equipment Version 1.0	<p style="text-align: center;"><i>See Below</i></p>
<ul style="list-style-type: none"> – All Electric Vehicle Supply Equipment 	<ul style="list-style-type: none"> – ENERGY STAR Electric Vehicle Supply Equipment Test Method – Rev. Dec-2016
<ul style="list-style-type: none"> – Electric Vehicle Supply Equipment with Display 	<ul style="list-style-type: none"> – ENERGY STAR Electric Vehicle Supply Equipment Test Method – Rev. Dec-2016 – ENERGY STAR Test Method for Determining Display Energy – Rev. Sep-2015
<ul style="list-style-type: none"> – Electric Vehicle Supply Equipment with Full Network Connectivity 	<ul style="list-style-type: none"> – ENERGY STAR Electric Vehicle Supply Equipment Test Method – Rev. Dec-2016 – Section 6.7.5.2 of Consumer Electronics Association (CEA) 2037 A, Determination of Television Set Power Consumption

ENERGY STAR Product Category	Test Method/Standard
Laboratory Grade Refrigerators & Freezers ENERGY STAR Program Requirements Product Specification for Laboratory Grade Refrigerators & Freezers Version 1.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Laboratory Grade Refrigerators, Freezers, and Ultra-Low Temperature Freezers, Rev. July 2014
Pool Pumps ENERGY STAR Program Requirements Product Specification for Pool Pumps Version 1.1	<ul style="list-style-type: none"> – ENERGY STAR Program Requirements: Product Specification for Pool Pumps, Rev. Jan-2013
Demand Response Capability for Pool Pumps ENERGY STAR Program Requirements Product Specification for Pool Pumps Version 1.1	<ul style="list-style-type: none"> – ENERGY STAR Pool Pumps Test Method to Validate Demand Response, Rev. March-2015 (Optional)
Vending Machines ENERGY STAR Program Requirements Product Specification for Refrigerated Beverage Vending Machines Version 3.2	<ul style="list-style-type: none"> – Appendix A to 10 CFR 431, Subpart Q (Electronic Code of Federal Regulations) – 10 CFR 431.294 (Electronic Code of Federal Regulations)
Water Coolers ENERGY STAR Program Requirements Product Specification for Water Coolers Version 2.0	<ul style="list-style-type: none"> – ENERGY STAR Test Method for Water Coolers (Rev. May - 2013)