

New York State Appliance and Equipment Efficiency Standards

Compliance Requirements – Consumer Products



As a result of the [Advanced Building Codes, Appliance and Equipment Efficiency Standards Act of 2022](#)¹, New York State is responsible for establishing appliance and equipment efficiency standards for products that are sold, rented, leased, and installed in New York. In 2022, New York established standards for the following consumer products and appliances manufactured on and after **June 26, 2023**:

- Air purifiers
- Commercial battery chargers
- Computers
- Computer monitors
- Electric vehicle supply equipment
- Faucets
- Federally exempt linear fluorescent lamps
- Gas fireplaces
- Lawn spray sprinklers
- Portable electric spas
- Replacement dedicated-purpose pool pump motors
- Residential ventilation fans
- Showerheads
- Toilets
- Urinals
- Water coolers

The New York State Energy Research and Development Authority (NYSERDA) is available to help you comply with these appliance and equipment standards.

Roles and Responsibilities

The entire supply chain has responsibilities within the compliance process, including manufacturers, distributors, dealers, retailers, installers, contractors, and leasing companies.

Manufacturers

Before selling any of the products listed above into New York, manufacturers must:

- Ensure their products meet the efficiency requirements.
- Test the products in accordance with the required test procedure.
- Certify the products to their respective database.

Risks of Noncompliance

Any manufacturer, distributor, dealer, retailer, installer, contractor, or leasing company who sells, leases, rents, or installs products in New York that do not comply with these standards may be subject to financial penalties, including fines of up to five-hundred dollars for each violation and one-hundred dollars for each day in violation.

State Appliance Standards Database (SASD) ²	
• Air purifiers	• Portable electric spas
• Electric vehicle supply equipment	• Showerheads
• Faucets	• Toilets
• Federally exempt linear fluorescent lamps	• Urinals
• Gas fireplaces	• Water coolers
• Lawn spray sprinklers	

Modernized Appliance Efficiency Database System (MAEDbS) ³	
• Commercial battery chargers	• Computer monitors
• Computers	• Replacement dedicated-purpose pool pump motors

Residential ventilation fans should be certified to the [Home Ventilating Institute \(HVI\)](#).⁴

¹ <https://www.nysenate.gov/legislation/bills/2021/S9405>

² <https://www.appliancestandards.org/>

³ <https://cacertappliances.energy.ca.gov/Login.aspx>

⁴ <https://www.hvi.org/>

SASD Certification Instructions

- Create an account on the SASD using [these instructions](#)⁵.
- Once your account is approved, confirm the brands associated with your company (there may be products in the SASD already waiting for your approval).
- If there are additional products you'd like to certify, review the upload instructions found on the [SASD Resource - Compliance FAQ](#)⁶.
- Upload product data using the template provided on the Product Import page.
- Receive notification that product data has been approved or denied.

MAEDbS Certification Instructions

- [Create an account](#)⁷ on the MAEDbS.
- Once your account is approved, download the [certification packet](#)⁸ for your product which includes general and product-specific instructions for the data upload.
- Upload product data through the web interface or through the Excel template provided in the certification packet.
- Receive notification that product data has been approved or denied.

Distributors, Dealers, Retailers, Installers, Contractors, and Leasing Companies

Distributors, dealers, retailers, installers, contractors, and leasing companies should verify that regulated products are certified to the applicable database before selling, leasing, renting, or installing the product.

SASD Verification Process

1. Visit [SASD](#)⁹ and either:
 - Use the filters to select the product category that you are verifying for compliance
 - Type in the model number or brand name using the search bar
2. If you cannot find the product you're looking for, download the search results for a single product category using the Export Products button. Use the Excel search function 'Find' to search for the model number you are verifying.
3. If you still cannot find the product you're looking for, reach out to the manufacturer to inform them of the SASD and ask them to submit product data. If a manufacturer submits product data and it does not meet the standards, it cannot legally be sold. For additional guidance, reach out to NYSERDA at appliancestandards@nyserda.ny.gov.

MAEDbS Verification Process

1. Visit [MAEDbS](#)¹⁰ and select the [Quick Search](#)¹¹ or [Advanced Search](#)¹² to find a product.
 - **Quick:** Search by model number, appliance type, company, or brand
 - **Advanced:** Search by everything included in the Quick Search, but you can also select additional fields to display or use more advanced filters
2. If you cannot find the product you're looking for, download the search results using the Export button. Use the Excel search function 'Find' to search for the model number you are verifying. Occasionally, the model number certified will slightly vary from the model number found on the product.
3. If you still cannot find the product you're looking for, reach out to the manufacturer to inform them of the MAEDbS and ask them to submit product data. If a manufacturer submits product data and it does not meet the standards, it cannot legally be sold. For additional guidance, reach out to NYSERDA at appliancestandards@nyserda.ny.gov.

⁵ <https://neep.org/sites/default/files/media-files/accessingsasd-manufacturers12-16-2021.pdf>

⁶ <https://www.appliancestandards.org/>

⁷ <https://cacertappliances.energy.ca.gov/Login.aspx?ReturnUrl=%2fPages%2fCompanyInfo%2fNewCompany.aspx>

⁸ <https://www.energy.ca.gov/files/certification-packets-appliances>

⁹ <https://www.appliancestandards.org/>

¹⁰ <https://cacertappliances.energy.ca.gov/Login.aspx>

¹¹ <https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>

¹² <https://cacertappliances.energy.ca.gov/Pages/ApplianceSearch.aspx>

Benefits to New Yorkers

State appliance standards have proven to be one of the most cost-effective strategies to achieve energy, water, greenhouse gas (GHG) emissions savings, and reduce utility costs for New Yorkers. Product and appliance standards also protect consumers by helping remove inefficient products from the market. Compliance with these standards is crucial to achieve these benefits.

Assuming full market compliance with New York State's Appliance and Equipment Standards, by 2035 consumers can save:

- \$264 million annually on utility bills
 - \$85 million benefitting low- to moderate- income households
- 807,000 metric tons of greenhouse gas emissions
- 25 billion gallons of annual water savings

Resources

- [Compliance Policies and Procedures Manual](#)¹³: Provides a comprehensive overview of compliance processes and procedures.
- [Final Rule](#)¹⁴: Contains standard and test procedure requirements for regulated products.
- [Energy Code Ace MAEDbS 101 fact sheet](#)¹⁵: Provides an overview of the MAEDbS, including who uses the MAEDbS and how to search within the database.
- For questions on the SASD, contact SASD@energy-solution.com
- For questions on the MAEDbS, contact appliances@energy.ca.gov

For additional guidance, NYSERDA's Appliance and [Equipment Efficiency Standards website](#)¹⁶ or contact NYSERDA at appliancestandards@nyserdera.ny.gov.

Are you aware of a manufacturer, distributor, retailer, or leasing agency that needs compliance support? If so, email us at ApplianceStandards@nyserdera.ny.gov or call 1-(866)-NYSERDA so that we can provide assistance.

¹³ <https://www.nyserdera.ny.gov/All-Programs/New-York-State-Appliance-and-Equipment-Efficiency-Standards/Resources>

¹⁴ <https://www.nyserdera.ny.gov/All-Programs/New-York-State-Appliance-and-Equipment-Efficiency-Standards/Resources>

¹⁵ <https://energycodeace.com/resources/?itemId=60929>

¹⁶ <https://www.nyserdera.ny.gov/appliancestandards>