



Appliance Efficiency Standards

Maryland business and residents are spending more money than necessary running appliances and lighting in homes and businesses. Efficiency standards ensure that the products we purchase use less energy and water while preserving quality and affordability. Maryland residents can put money saved on utility bills towards other needs.

The basics of appliance efficiency standards

- Set a minimum level of energy and water efficiency for household and commercial appliances
- Provide savings for consumers and businesses
- Encourage innovative water- and energy-saving technologies



By 2025, new standards could save the electricity equivalent to powering **10,000** Maryland homes.

Standards benefit the environment

- Cut CO2 emissions and help Maryland meet Greenhouse Gas Emissions Reduction Act goals
- Cut other emissions harmful to public health
- Save precious water resources
- Reduce need to build more power plants



If new standards are **not** enacted in 2021, Maryland consumers and businesses would lose out on **\$70** million in savings per year.

Standards bring huge benefits to Maryland

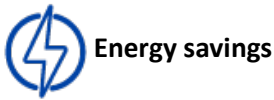
- **Affordability:** Consumers and businesses save money on utility bills, protecting customers from energy waste
- **Jobs:** Local economies get a boost when consumers have more spending money
- **Clean energy:** Public health and air quality improve when emissions and pollutants are cut

Neighboring states are acting on standards

- In the northeast, DC and Vermont adopted a similar package of standards. Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island plan to pursue standards in 2021.
- Outside the northeast, California, Colorado, Hawaii, and Washington have adopted many of the same standards.
- Maryland should not be left behind.

Support Appliance Standards in Maryland in 2021

The time to act is now!



Energy savings



Water Savings



Utility Bill Savings



Emissions Reductions

What's in it for Maryland consumers?

Annual savings in 2025	Equivalent to:
130 GWh of electricity	Electricity consumption of 10,000 MD households
283 billion Btus of natural gas	Natural gas consumption of 7,000 MD households
4.2 million gallons of water	Water consumption of 58,000 MD households
55,000 metric tons of CO2	Emissions from about 12,000 cars for a year

Residents, businesses, and government save money.

Efficiency standards ensure that the products we purchase use less energy and water while preserving quality and affordability.

Maryland residents, businesses, and local and state governments will save more than **\$70 million annually by 2025**, which can be re-invested in the local Maryland economy, spurring job creation. These **savings grow to \$330 million annually by 2035**.

Short payback periods and long-term benefits: Of the 11 standards included in the bill, 7 have **no incremental cost**, so consumers and businesses start saving right away. For the remaining 4 standards, the payback period is one year or less.

Additional Benefits

Maryland would be eligible to earn additional points on the ACEEE Energy Efficiency Scorecard (Maryland currently in #6 position.)

Water savings can reduce strain on water supply and delay the need for water and sewer infrastructure improvements.

These standards would be in addition to federal appliance standards that are **already saving Maryland households about \$520 a year** on utility bills.

Do I have to replace my current products?

No. Efficiency standards merely raise the floor for products available for new purchases and do not require changing out products currently in use. The recommended standards are also set to ensure consumers and businesses will have numerous choices of qualifying products to purchase.

Residential	Commercial/Industrial	Water	Multi-Sector
Air purifiers	Commercial dishwashers	Faucets	Electric vehicle supply equipment*
Portable electric spas	Commercial steam cookers	Showerheads	High CRI lamps
Residential ventilating fans		Spray sprinkler bodies	Water coolers
		Toilets	
		Urinals	*May adopt standards for EVSE