



Improving the efficiency of products in Massachusetts

Appliance Efficiency Standards

The best climate solution you've never heard of

Using energy efficiently is common sense and has broad public support. By adopting energy efficiency standards for appliances and commonly-used products in Massachusetts, we can significantly reduce air and water pollution, avoid climate-altering carbon pollution and save consumers money. The Energy SAVE Act would establish energy saving standards for 17 products.

Reducing Pollution:

Adopting statewide appliance efficiency standards would prevent pollution from entering our atmosphere mitigating their impacts on climate change, air quality and public health.

By 2025, the proposed standards would annually prevent:

- 113 thousand metric tons of CO₂ from entering our atmosphere, the equivalent of taking over 24,000 cars off the road annually.
- 102 tons of smog-forming NO_x emissions.
- 10 tons of fine particulate pollution SO₂.

By 2035, these savings would increase to 271, 252 and 20 respectively.



Reducing water use:

Adopting statewide appliance efficiency standards would reduce overall water use and lessen the need for expensive water infrastructure projects.

By 2025, the proposed standards would annually save:

- 3.3 billion gallons of water; equivalent to the annual water consumption of 61,000 American families. By 2035, savings would increase to 9.8 billion gallons.

Reducing our use of fossil fuels:

Adopting appliance efficiency standards can reduce our use of fossil fuels, while improving electric system reliability and reducing the need for new energy infrastructure, like pipelines.

By 2025, the proposed standards would annually:

- Save enough electricity to power 32,000 homes for a year.
- Prevent the use of as much natural gas as is consumed by 24,000 homes each year.

Saving energy can save money, too:

Along with the array of environmental benefits that appliance efficiency standards provide, the proposed standards would also mean big financial savings for rate payers.

By 2025, the proposed standards would annually save:

- Massachusetts' consumers \$103 million dollars each year.

By 2035, these savings would increase to \$282 million



Product list:

- Commercial dishwashers
- Commercial fryers
- Commercial hot-food holding cabinets
- Commercial ovens
- Commercial steam cookers
- Computers and computer monitors
- Electric vehicle charging systems
- Faucets
- State-regulated general service lamps
- High CRI fluorescent lamps
- Portable electric spas
- Residential ventilating fans
- Showerheads
- Spray sprinkler bodies
- Toilets (water closets)
- Urinals
- Water coolers

	Annual Savings 2025	Annual Savings 2035	Savings Increase 2025-2035
Electricity (GWh)	240	459	~91%
Avoided Natural Gas (BBtu)	1155	3511	~204%
Water (million gallons)	3299	9817	~198%
CO2 (thous. MT)	113	271	~140%
NOx (tons)	102	252	~147%
SO2 (tons)	10	20	~100%
Potential annual utility bill savings (million 2017\$)	103	282	~174%

For more information, please visit
www.environmentmassachusetts.org



Data from: <https://appliance-standards.org/>