

**Appliance Standards Awareness Project**  
**2025 State Appliance Standards Recommendations**

**Savings estimates for: Maryland**

	Potential annual savings in 2030						Potential annual savings in 2040					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)
Commercial battery chargers	0.6	--	--	0.03	0.04	0.1	2.2	--	--	0.1	0.1	0.5
Commercial dishwashers	4.0	--	--	0.2	0.3	0.9	11.5	--	--	0.6	0.7	2.5
Commercial fryers	0.3	238	--	10.8	0.02	12.7	1.2	818	--	37.1	0.1	43.5
Commercial ovens	3.4	25	--	1.3	0.2	2.0	11.6	84	--	4.4	0.7	7.0
Gas fireplaces	--	41	--	1.9	--	2.2	--	159	--	7.2	--	8.4
High CRI fluorescent lamps	17.5	--	--	0.9	1.2	3.8	8.9	--	--	0.5	0.6	1.9
Server power supplies	24.7	--	--	1.3	1.6	5.4	35.3	--	--	1.8	2.3	7.7
<b>Total</b>	<b>51</b>	<b>304</b>	<b>--</b>	<b>16</b>	<b>3</b>	<b>27</b>	<b>71</b>	<b>1,061</b>	<b>--</b>	<b>52</b>	<b>5</b>	<b>72</b>

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

## Savings estimates for: [Maryland](#)

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.2	1.1	4.9
Commercial dishwashers	0.5	1.5	**	**
Commercial fryers	3.0	11.0	81.9	2.0
Commercial ovens	0.7	2.6	12.3	4.7
Gas fireplaces	0.6	2.7	24.6	0.8
High CRI fluorescent lamps	2.2	1.2	14.6	1.5
Server power supplies	3.1	4.6	41.1	0.8
<b>Total</b>	<b>10</b>	<b>24</b>	<b>176</b>	<b>-</b>

Assuming a compliance date of 2027 for all the recommended standards. Net present value savings take into account both utility bill savings and estimated impacts on product costs for items sold between 2027 and 2050. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

\*\*Maryland has existing standards for commercial dishwashers. We are recommending improved standards for these products; however, we did not estimate net present value savings or payback period due to insufficient data on the incremental product cost.

## Cumulative savings estimates for: [Maryland](#)

	Potential cumulative savings through 2050						
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Utility bill savings (million 2023\$)
Commercial battery chargers	41	--	--	2.1	2.6	8.6	4.6
Commercial dishwashers	219	--	--	11.2	14.0	46.6	28.0
Commercial fryers	21	14.7	--	668.2	1.3	783.2	196.2
Commercial ovens	209	1.5	--	79.3	13.3	124.5	46.6
Gas fireplaces	--	2.9	--	132.1	--	154.2	49.0
High CRI fluorescent lamps	251	--	--	13.1	17.4	54.3	32.9
Server power supplies	760	--	--	39.1	49.3	162.1	96.8
<b>Total</b>	<b>1,500</b>	<b>19</b>	<b>--</b>	<b>945</b>	<b>98</b>	<b>1,333</b>	<b>454</b>

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.