

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Maryland

	Potential annual savings in 2035							Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Utility bill savings (million 2024\$)	
Commercial & industrial fans	98.5	--	--	5.3	1.1	18.9	11.8	1.7
Commercial battery chargers	1.4	--	--	0.1	0.02	0.3	0.2	5.3
Commercial dishwashers	8.6	--	--	0.5	0.1	1.7	1.1	**
Commercial fryers	0.7	510	--	23.2	0.2	27.1	7.7	2.0
Commercial ovens	7.3	52	--	2.8	0.1	4.2	1.7	4.9
Computer server power supplies	35.0	--	--	1.9	0.4	6.7	4.4	0.8
Electric motors	215.6	--	--	11.6	2.5	41.3	29.8	1.1
Gas fireplaces	--	88	--	4.0	0.03	4.7	1.5	0.8
High CRI fluorescent lamps	19.4	--	--	1.0	0.2	3.7	2.6	1.8
Total	387	651	--	50	5	109	61	--

Assuming a compliance date of 2028 for all the recommended standards except electric motors, which have an assumed compliance date of 2029. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, residential ventilating fans, 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 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 _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Utility bill savings (million 2024\$)
Commercial & industrial fans	2,682	--	--	115.4	22.8	383.6	320.1
Commercial battery chargers	38	--	--	1.6	0.3	5.4	4.3
Commercial dishwashers	207	--	--	8.9	1.8	29.9	25.8
Commercial fryers	20	13.9	--	629.6	4.2	736.8	210.4
Commercial ovens	197	1.4	--	73.0	2.0	103.4	46.0
Computer server power supplies	718	--	--	32.3	8.7	109.7	89.6
Electric motors	4,957	--	--	211.1	36.4	707.2	678.9
Gas fireplaces	--	2.7	--	124.1	0.8	144.8	46.8
High CRI fluorescent lamps	216	--	--	10.7	4.6	38.3	28.7
Total	9,036	18	--	1,207	82	2,259	1,451

Assuming a compliance date of 2028 for all the recommended standards except electric motors, which have an assumed compliance date of 2029. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, residential ventilating fans, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.