

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: District of Columbia

	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	21.6	--	--	1.1	0.3	4.0	3.6	1.4
Commercial battery chargers	0.3	--	--	0.01	0.003	0.05	0.04	4.8
Commercial dishwashers	1.0	--	--	0.05	0.01	0.2	0.2	**
Commercial ovens	0.8	6	--	0.3	0.01	0.5	0.2	4.1
Computer server power supplies	9.0	--	--	0.5	0.1	1.6	1.5	0.6
Electric motors	46.7	--	--	2.4	0.6	8.6	7.8	0.9
Gas fireplaces	--	4	--	0.2	0.001	0.2	0.1	0.8
Total	79	10	--	5	1	15	13	--

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.

**The District of Columbia 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: District of Columbia

	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	614	--	--	25.7	5.0	84.7	99.9
Commercial battery chargers	7	--	--	0.3	0.1	1.0	1.1
Commercial dishwashers	23	--	--	1.0	0.2	3.2	3.8
Commercial ovens	22	0.2	--	8.2	0.2	11.5	6.2
Computer server power supplies	184	--	--	8.0	2.2	27.2	30.4
Electric motors	1,074	--	--	44.6	7.7	148.3	178.4
Gas fireplaces	--	0.1	--	5.2	0.03	6.1	2.0
Total	1,924	0.3	--	93	15	282	322

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.