

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: **Ohio**

	Potential annual savings in 2035						Utility bill savings (million 2024\$)	Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)		
Commercial & industrial fans	413.7	--	--	30.8	0.8	110.5	31.6	1.6
Commercial battery chargers	8.0	--	--	0.6	0.02	2.1	0.6	4.2
Commercial dishwashers	23.4	300	418	15.3	0.1	22.1	13.0	1.0
Commercial fryers	1.4	968	--	44.0	0.3	51.6	9.1	3.3
Commercial ovens	13.8	99	--	5.5	0.1	8.9	2.3	6.9
Commercial steam cookers	4.4	42	108	2.2	0.02	3.4	2.9	0.8
Computer server power supplies	102.8	--	--	7.6	0.2	27.5	10.3	1.0
Electric motors	538.7	--	--	40.1	1.0	143.9	53.6	1.4
Faucets	74.1	662	2,677	35.5	0.3	54.8	69.5	0.0
Gas fireplaces	--	180	--	8.2	0.1	9.5	2.2	1.1
High CRI fluorescent lamps	49.1	--	--	3.7	0.1	13.1	5.1	2.2
Portable electric spas	95.1	--	--	7.1	0.2	25.4	14.1	1.2
Showerheads	104.1	775	2,556	42.9	0.4	68.8	73.4	0.0
Spray sprinkler bodies	--	--	2,706	--	--	--	51.3	0.7
Toilets (water closets)	--	--	1,553	--	--	--	29.4	0.0
Urinals	--	--	148	--	--	--	2.8	0.0
Water coolers	54.4	--	--	4.0	0.1	14.5	5.4	0.0
Total	1,483	3,026	10,165	248	4	556	377	--

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.

Cumulative savings estimates for: **Ohio**

	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	9,851	--	--	529.5	106.7	1,852.8	728.0
Commercial battery chargers	241	--	--	12.3	2.4	43.2	16.0
Commercial dishwashers	563	7.2	10.0	356.0	7.9	485.6	325.7
Commercial fryers	37	26.3	--	1,194.8	8.0	1,399.4	244.3
Commercial ovens	374	2.7	--	141.9	4.5	211.1	60.0
Commercial steam cookers	120	1.1	2.9	58.0	1.5	82.3	82.9
Computer server power supplies	2,106	--	--	121.2	27.6	423.9	200.2
Electric motors	12,324	--	--	641.4	108.5	2,259.6	1,167.9
Faucets	1,779	15.6	64.2	801.4	22.9	1,156.9	1,764.7
Gas fireplaces	--	5.6	--	253.5	1.6	296.0	70.2
High CRI fluorescent lamps	540	--	--	38.2	11.1	134.4	55.5
Portable electric spas	2,075	--	--	111.6	22.3	393.3	296.4
Showerheads	2,499	18.6	61.3	974.4	31.2	1,448.4	1,853.6
Spray sprinkler bodies	--	--	64.9	--	--	--	1,339.4
Toilets (water closets)	--	--	53.8	--	--	--	1,130.3
Urinals	--	--	4.0	--	--	--	83.5
Water coolers	1,306	--	--	68.9	13.5	242.9	123.4
Total	33,815	77	261	5,303	370	10,430	9,542

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