

Appliance Standards Awareness Project

2023 State Appliance Standards Recommendations

Savings estimates for: [Indiana](#)

	Potential annual savings in 2030						Potential annual savings in 2040					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)
Air purifiers	88.7	--	--	20.5	44.4	55.8	145.2	--	--	33.8	70.0	98.2
Commercial dishwashers	4.2	104	145	5.7	2.1	8.4	10.1	249	346	13.6	4.9	20.3
Commercial fryers	1.6	536	--	24.6	0.8	29.5	3.5	1,169	--	53.8	1.7	64.6
Commercial ovens	4.3	69	--	4.1	2.2	6.6	9.4	151	--	9.0	4.5	14.6
Commercial steam cookers	2.7	22	61	1.6	1.4	3.0	6.0	48	133	3.5	2.9	6.7
Electric vehicle supply equipment	8.4	--	--	1.9	4.2	5.3	55.9	--	--	13.0	27.0	37.8
Faucets	57.4	417	1,759	32.2	28.7	58.2	104.3	757	3,193	58.6	50.3	110.8
Gas fireplaces	--	77	--	3.5	--	4.1	--	211	--	9.6	--	11.2
High CRI fluorescent lamps	38.4	--	--	8.9	19.2	25.9	9.6	--	--	2.2	4.6	6.7
Portable electric spas	36.0	--	--	8.3	18.0	22.6	60.5	--	--	14.1	29.2	40.9
Residential ventilating fans	7.3	--	--	1.7	3.7	4.6	19.9	--	--	4.6	9.6	13.5
Showerheads	49.6	359	1,037	27.7	24.8	50.2	90.2	652	1,885	50.6	43.5	95.6
Spray sprinkler bodies	--	--	2,690	--	--	--	--	--	4,891	--	--	--
Toilets (water closets)	--	--	389	--	--	--	--	--	1,034	--	--	--
Urinals	--	--	74	--	--	--	--	--	161	--	--	--
Water coolers	13.0	--	--	3.0	6.5	8.8	23.6	--	--	5.5	11.4	16.7
Total	312	1,584	6,153	144	156	283	538	3,236	11,643	272	260	538

Assuming a compliance date of 2025 for all the recommended standards. Totals may not sum due to rounding. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market.

Savings estimates for: [Indiana](#)

	Potential annual utility bill savings (million 2021\$)		Net present value savings (million 2021\$)	Benefit-cost ratio	Payback period (years)
	In 2030	In 2040			
Air purifiers	11.3	17.8	120.7	5.9	1.2
Commercial dishwashers	3.5	9.3	59.1	10.2	1.1
Commercial fryers	4.4	9.8	47.1	2.9	3.3
Commercial ovens	1.0	2.2	3.8	1.3	6.9
Commercial steam cookers	1.4	3.4	22.3	11.5	0.9
Electric vehicle supply equipment	1.1	6.9	42.6	no cost	0.0
Faucets	38.7	77.8	582.9	no cost	0.0
Gas fireplaces	0.7	2.1	13.0	9.5	1.2
High CRI fluorescent lamps	4.2	1.1	18.6	3.2	1.8
Portable electric spas	4.6	7.4	51.7	7.1	0.9
Residential ventilating fans	0.9	2.4	17.3	no cost	0.0
Showerheads	25.9	51.5	387.6	no cost	0.0
Spray sprinkler bodies	41.9	87.9	599.5	13.4	0.7
Toilets (water closets)	6.1	18.6	159.3	no cost	0.0
Urinals	1.1	2.9	20.6	no cost	0.0
Water coolers	1.4	2.4	19.3	no cost	0.0
Total	148	303	2,165	16.7	-

Assuming a compliance date of 2025 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 2025 and 2040. Totals may not sum due to rounding. The total benefit-cost ratio is calculated as the present value of the total utility bill savings from products sold through 2040 for the package of recommended standards divided by the present value of the total additional costs. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates for: [Indiana](#)

	Potential cumulative savings through 2040					
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)
Air purifiers	1,670	--	--	388.2	822.8	1,111.9
Commercial dishwashers	95	2.3	3.3	128.3	46.9	188.3
Commercial fryers	35	11.7	--	537.9	17.2	644.3
Commercial ovens	94	1.5	--	90.3	46.3	143.2
Commercial steam cookers	60	0.5	1.3	35.4	29.3	65.2
Electric vehicle supply equipment	317	--	--	74.3	155.1	214.0
Faucets	1,147	8.3	35.1	644.9	565.1	1,208.4
Gas fireplaces	--	1.8	--	81.3	--	95.3
High CRI fluorescent lamps	381	--	--	88.1	192.1	261.1
Portable electric spas	687	--	--	159.9	339.1	457.8
Residential ventilating fans	169	--	--	39.5	83.2	113.3
Showerheads	992	7.2	20.7	556.2	488.5	1,042.9
Spray sprinkler bodies	--	--	53.8	--	--	--
Toilets (water closets)	--	--	8.9	--	--	--
Urinals	--	--	1.6	--	--	--
Water coolers	260	--	--	60.5	128.1	174.4
Total	5,907	33	125	2,885	2,914	5,720

Assuming a compliance date of 2025 for all the recommended standards. Totals may not sum due to rounding. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market.