

Appliance Standards Awareness Project

2024 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)
Commercial battery chargers	5.1	--	--	0.5	0.9	1.6	15.6	--	--	1.3	2.1	3.8
Commercial dishwashers	5.7	141	197	7.0	1.0	9.3	16.8	413	576	20.1	2.2	26.1
Commercial fryers	1.6	529	--	24.2	0.3	28.6	4.2	1,411	--	64.3	0.6	76.0
Commercial ovens	4.2	67	--	3.5	0.8	4.9	11.1	179	--	9.0	1.5	12.2
Commercial steam cookers	2.6	21	59	1.2	0.5	2.0	7.0	56	157	3.1	0.9	4.7
Faucets	23.2	170	715	10.1	4.2	16.3	51.6	375	1,582	21.3	6.8	32.6
Gas fireplaces	--	96	--	4.4	--	5.1	--	310	--	14.1	--	16.5
High CRI fluorescent lamps	32.5	--	--	3.4	5.9	10.2	11.9	--	--	1.0	1.6	2.9
Irrigation controllers	--	--	1,193	--	--	--	--	--	3,844	--	--	--
Portable electric spas	22.6	--	--	2.3	4.1	7.1	44.4	--	--	3.7	5.8	10.9
Residential ventilating fans	2.2	--	--	0.2	0.4	0.7	7.1	--	--	0.6	0.9	1.8
Showerheads	29.4	213	615	12.7	5.3	20.5	65.4	472	1,366	26.9	8.6	41.1
Spray sprinkler bodies	--	--	2,195	--	--	--	--	--	4,877	--	--	--
Toilets (water closets)	--	--	260	--	--	--	--	--	792	--	--	--
Urinals	--	--	58	--	--	--	--	--	156	--	--	--
Water coolers	16.2	--	--	1.7	2.9	5.1	36.0	--	--	3.0	4.7	8.9
Total	145	1,237	5,072	71	26	111	271	3,217	11,909	169	36	238

Assuming a compliance date of 2026 for all the recommended standards. 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. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water savings. The total potential water savings are thus smaller than the sum of the individual products.

Savings estimates for: [Indiana](#)

	Potential annual utility bill savings (million 2022\$)		Net present value savings (million 2022\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.4	1.1	8.4	1.8
Commercial dishwashers	4.5	14.7	124.4	1.2
Commercial fryers	3.9	11.5	66.2	3.6
Commercial ovens	0.9	2.5	3.8	7.5
Commercial steam cookers	1.3	3.8	33.6	1.0
Faucets	14.8	36.6	370.0	0.0
Gas fireplaces	0.8	3.0	24.2	1.3
High CRI fluorescent lamps	3.5	1.3	16.6	1.9
Irrigation controllers	17.4	64.6	588.4	0.8
Portable electric spas	2.8	5.5	48.0	0.9
Residential ventilating fans	0.3	0.9	8.3	0.0
Showerheads	14.4	35.6	359.6	0.0
Spray sprinkler bodies	32.0	82.0	759.6	0.8
Toilets (water closets)	3.8	13.3	165.9	0.0
Urinals	0.9	2.6	25.7	0.0
Water coolers	1.7	3.7	38.1	0.0
Total	100	259	2,559	-

Assuming a compliance date of 2026 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 2026 and 2050. 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. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total savings. The totals are thus smaller than the sum of the individual products.

Cumulative savings estimates for: [Indiana](#)

	Potential cumulative savings through 2050						Utility bill savings (million 2022\$)
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)	
Commercial battery chargers	286	--	--	24.2	39.9	71.5	20.3
Commercial dishwashers	310	7.6	10.6	371.2	43.4	481.8	271.2
Commercial fryers	80	26.8	--	1,222.3	11.3	1,444.8	213.9
Commercial ovens	212	3.4	--	171.8	29.9	233.4	48.2
Commercial steam cookers	134	1.1	3.0	59.8	18.9	90.3	72.8
Faucets	1,033	7.5	31.7	428.8	147.6	659.9	733.6
Gas fireplaces	--	5.6	--	254.4	--	298.2	53.2
High CRI fluorescent lamps	391	--	--	39.4	73.3	117.2	42.2
Irrigation controllers	--	--	69.6	--	--	--	1,189.3
Portable electric spas	904	--	--	78.2	131.3	230.8	112.6
Residential ventilating fans	129	--	--	10.9	17.9	32.2	16.1
Showerheads	1,308	9.4	27.3	540.1	187.1	832.4	713.0
Spray sprinkler bodies	--	--	97.5	--	--	--	1,647.1
Toilets (water closets)	--	--	16.5	--	--	--	283.9
Urinals	--	--	3.0	--	--	--	50.3
Water coolers	721	--	--	61.7	103.1	182.2	75.5
Total	5,508	61	235	3,263	804	4,675	5,124

Assuming a compliance date of 2026 for all the recommended standards. 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. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water and utility bill savings. The total potential water and utility bill savings are thus smaller than the sum of the individual products.