

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: [Arkansas](#)

	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 (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)
Commercial battery chargers	1.3	--	--	0.1	0.02	0.2	4.8	--	--	0.2	0.03	0.8
Commercial dishwashers	2.9	37	51	1.9	0.04	2.4	8.2	105	146	5.1	0.05	6.9
Commercial fryers	0.2	118	--	5.4	0.002	6.3	0.6	406	--	18.4	0.003	21.6
Commercial ovens	1.7	12	--	0.7	0.02	0.9	5.8	42	--	2.1	0.03	3.1
Commercial steam cookers	0.5	5	13	0.3	0.01	0.4	1.8	18	45	0.9	0.01	1.2
Faucets	17.7	59	422	3.9	0.2	6.3	50.5	169	1,203	9.9	0.3	17.1
Gas fireplaces	--	45	--	2.0	--	2.4	--	172	--	7.8	--	9.1
High CRI fluorescent lamps	7.1	--	--	0.5	0.1	1.3	3.8	--	--	0.2	0.02	0.6
Portable electric spas	13.4	--	--	0.9	0.2	2.4	33.6	--	--	1.5	0.2	5.4
Residential ventilating fans	0.8	--	--	0.1	0.01	0.1	3.2	--	--	0.1	0.02	0.5
Server power supplies	12.1	--	--	0.8	0.2	2.1	17.3	--	--	0.8	0.1	2.8
Showerheads	13.2	44	215	2.9	0.2	4.7	37.7	126	614	7.4	0.2	12.8
Spray sprinkler bodies	--	--	1,995	--	--	--	--	--	5,699	--	--	--
Toilets (water closets)	--	--	105	--	--	--	--	--	393	--	--	--
Urinals	--	--	20	--	--	--	--	--	67	--	--	--
Water coolers	6.5	--	--	0.4	0.1	1.1	18.5	--	--	0.8	0.1	3.0
Total	77	320	2,821	20	1	31	186	1,037	8,169	55	1	85

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Savings estimates for: [Arkansas](#)

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.4	2.9	3.3
Commercial dishwashers	1.4	4.5	39.5	1.0
Commercial fryers	1.0	4.0	26.4	2.9
Commercial ovens	0.3	1.0	3.6	6.3
Commercial steam cookers	0.3	1.2	10.3	0.8
Faucets	9.4	30.6	301.3	0.0
Gas fireplaces	0.6	2.6	23.1	0.9
High CRI fluorescent lamps	0.7	0.5	4.6	2.0
Portable electric spas	1.6	4.5	39.0	0.9
Residential ventilating fans	0.1	0.4	4.1	0.0
Server power supplies	1.2	1.9	16.2	1.0
Showerheads	5.4	17.8	174.8	0.0
Spray sprinkler bodies	30.7	101.1	918.8	0.8
Toilets (water closets)	1.6	7.0	87.5	0.0
Urinals	0.3	1.2	11.4	0.0
Water coolers	0.6	2.1	19.9	0.0
Total	55	181	1,683	-

Assuming a compliance date of 2027 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 2027 and 2050. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates for: [Arkansas](#)

	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 2023\$)
Commercial battery chargers	88	--	--	4.2	0.7	14.2	7.4
Commercial dishwashers	156	2.0	2.8	97.9	1.3	130.7	85.5
Commercial fryers	10	7.3	--	331.6	0.1	388.2	70.3
Commercial ovens	104	0.8	--	39.0	0.9	56.5	18.4
Commercial steam cookers	33	0.3	0.8	16.0	0.3	22.2	21.4
Faucets	960	3.2	22.9	192.0	8.0	325.6	582.5
Gas fireplaces	--	3.2	--	143.0	--	166.9	46.7
High CRI fluorescent lamps	104	--	--	5.7	1.0	17.6	11.4
Portable electric spas	658	--	--	32.2	5.5	107.1	86.0
Residential ventilating fans	59	--	--	2.8	0.5	9.5	7.7
Server power supplies	371	--	--	18.6	3.2	60.7	40.1
Showerheads	716	2.4	11.7	143.1	5.9	242.8	337.9
Spray sprinkler bodies	--	--	108.3	--	--	--	1940.7
Toilets (water closets)	--	--	8.0	--	--	--	146.6
Urinals	--	--	1.2	--	--	--	21.8
Water coolers	352	--	--	17.1	2.9	57.3	38.4
Total	3,611	19	156	1,043	30	1,599	3,463

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.