

Appliance Standards Awareness Project

2023 State Appliance Standards Recommendations

Savings estimates for: [Nebraska](#)

	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	26.1	--	--	11.8	6.4	10.1	42.8	--	--	16.2	7.3	15.4
Commercial dishwashers	1.2	30	42	1.9	0.3	2.0	2.9	72	100	4.4	0.5	4.9
Commercial fryers	0.5	155	--	7.2	0.1	8.4	1.0	338	--	15.7	0.2	18.3
Commercial ovens	1.2	20	--	1.5	0.3	1.5	2.7	44	--	3.0	0.5	3.3
Commercial steam cookers	0.8	6	18	0.6	0.2	0.6	1.7	14	38	1.3	0.3	1.3
Electric vehicle supply equipment	2.5	--	--	1.1	0.6	1.0	16.5	--	--	6.2	2.8	5.9
Faucets	14.8	129	506	12.5	3.6	12.6	27.0	235	918	20.9	4.6	22.2
Gas fireplaces	--	30	--	1.4	--	1.6	--	81	--	3.7	--	4.3
High CRI fluorescent lamps	12.1	--	--	5.4	3.0	4.1	3.0	--	--	1.1	0.5	1.1
Portable electric spas	8.0	--	--	3.6	2.0	3.1	13.5	--	--	5.1	2.3	4.9
Residential ventilating fans	2.1	--	--	1.0	0.5	0.8	5.9	--	--	2.2	1.0	2.1
Showerheads	12.8	111	298	10.8	3.2	10.8	23.3	202	542	18.0	4.0	19.1
Spray sprinkler bodies	--	--	1,562	--	--	--	--	--	2,840	--	--	--
Toilets (water closets)	--	--	112	--	--	--	--	--	298	--	--	--
Urinals	--	--	21	--	--	--	--	--	47	--	--	--
Water coolers	5.4	--	--	2.4	1.3	1.8	9.8	--	--	3.7	1.7	3.5
Total	88	481	2,558	61	22	58	150	985	4,783	102	26	106

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: Nebraska

	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	2.8	4.9	30.6	5.2	1.5
Commercial dishwashers	1.0	2.6	16.4	9.8	1.2
Commercial fryers	1.1	2.6	12.0	2.7	3.8
Commercial ovens	0.2	0.6	0.6	1.2	8.6
Commercial steam cookers	0.4	0.9	6.2	11.1	1.0
Electric vehicle supply equipment	0.3	1.9	11.5	no cost	0.0
Faucets	10.8	22.1	163.9	no cost	0.0
Gas fireplaces	0.3	0.9	5.3	10.0	1.2
High CRI fluorescent lamps	1.0	0.3	4.2	2.6	2.5
Portable electric spas	0.8	1.6	10.1	6.6	1.1
Residential ventilating fans	0.2	0.7	4.6	no cost	0.0
Showerheads	7.1	14.5	108.3	no cost	0.0
Spray sprinkler bodies	24.3	51.0	348.2	13.4	0.7
Toilets (water closets)	1.7	5.4	45.8	no cost	0.0
Urinals	0.3	0.8	6.0	no cost	0.0
Water coolers	0.4	0.9	6.7	no cost	0.0
Total	53	112	780	15.5	-

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: [Nebraska](#)

	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	492	--	--	196.5	92.4	178.7
Commercial dishwashers	28	0.7	0.9	41.6	5.1	46.1
Commercial fryers	10	3.4	--	157.1	1.9	183.2
Commercial ovens	27	0.4	--	30.6	5.1	33.2
Commercial steam cookers	17	0.1	0.4	13.1	3.2	13.7
Electric vehicle supply equipment	93	--	--	36.7	16.9	33.8
Faucets	297	2.6	10.1	235.4	55.5	244.9
Gas fireplaces	--	0.7	--	31.4	--	36.8
High CRI fluorescent lamps	120	--	--	48.7	23.8	45.2
Portable electric spas	153	--	--	61.2	28.8	55.7
Residential ventilating fans	50	--	--	19.8	9.2	18.1
Showerheads	256	2.2	6.0	203.1	47.9	211.3
Spray sprinkler bodies	--	--	31.2	--	--	--
Toilets (water closets)	--	--	2.6	--	--	--
Urinals	--	--	0.5	--	--	--
Water coolers	107	--	--	42.9	20.1	39.7
Total	1,650	10	52	1,118	310	1,140

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.