

Appliance Standards Awareness Project

2023 State Appliance Standards Recommendations

Savings estimates for: **New Mexico**

	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	27.0	--	--	5.7	1.6	6.0	44.2	--	--	3.9	1.1	6.6
Commercial dishwashers	1.3	32	45	1.7	0.1	2.0	3.2	78	108	3.8	0.1	4.6
Commercial fryers	0.5	167	--	7.7	0.03	9.0	1.1	365	--	16.6	0.03	19.6
Commercial ovens	1.3	22	--	1.3	0.1	1.5	2.9	47	--	2.4	0.07	3.0
Commercial steam cookers	0.9	7	19	0.5	0.05	0.6	1.9	15	41	0.8	0.05	1.1
Electric vehicle supply equipment	2.6	--	--	0.5	0.2	0.6	17.0	--	--	1.5	0.4	2.6
Faucets	8.0	188	555	10.2	0.5	11.8	14.5	342	1,008	16.8	0.4	20.3
Gas fireplaces	--	37	--	1.7	--	1.9	--	100	--	4.5	--	5.3
High CRI fluorescent lamps	9.2	--	--	1.9	0.5	2.1	2.5	--	--	0.2	0.1	0.4
Portable electric spas	15.0	--	--	3.1	0.9	3.3	25.1	--	--	2.2	0.6	3.8
Residential ventilating fans	2.2	--	--	0.5	0.1	0.5	6.1	--	--	0.5	0.2	0.9
Showerheads	6.9	162	327	8.8	0.4	10.1	12.6	295	595	14.5	0.3	17.5
Spray sprinkler bodies	--	--	1,504	--	--	--	--	--	2,735	--	--	--
Toilets (water closets)	--	--	122	--	--	--	--	--	326	--	--	--
Urinals	--	--	23	--	--	--	--	--	50	--	--	--
Water coolers	5.0	--	--	1.0	0.3	1.2	9.0	--	--	0.8	0.2	1.5
Total	80	615	2,596	45	5	51	140	1,241	4,863	69	4	87

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: [New Mexico](#)

	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	3.5	6.0	39.0	6.2	1.2
Commercial dishwashers	1.1	2.9	18.2	10.1	1.1
Commercial fryers	1.0	2.4	9.5	2.2	4.6
Commercial ovens	0.3	0.6	0.4	1.1	8.6
Commercial steam cookers	0.4	1.1	7.0	11.6	0.9
Electric vehicle supply equipment	0.3	2.3	14.1	no cost	0.0
Faucets	11.8	24.3	180.3	no cost	0.0
Gas fireplaces	0.3	0.9	5.4	8.4	1.4
High CRI fluorescent lamps	0.9	0.3	4.2	2.9	2.1
Portable electric spas	1.9	3.4	22.7	7.2	0.9
Residential ventilating fans	0.3	0.8	5.6	no cost	0.0
Showerheads	7.7	15.7	116.8	no cost	0.0
Spray sprinkler bodies	25.0	52.4	359.1	14.2	0.7
Toilets (water closets)	2.0	6.2	53.5	no cost	0.0
Urinals	0.4	1.0	6.9	no cost	0.0
Water coolers	0.5	0.9	7.0	no cost	0.0
Total	58	121	850	16.3	-

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: [New Mexico](#)

	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	509	--	--	75.9	23.4	97.6
Commercial dishwashers	30	0.7	1.0	37.3	1.3	45.2
Commercial fryers	11	3.6	--	166.9	0.5	196.1
Commercial ovens	29	0.5	--	25.5	1.3	31.3
Commercial steam cookers	19	0.1	0.4	9.4	0.8	11.9
Electric vehicle supply equipment	97	--	--	12.1	3.8	17.1
Faucets	160	3.8	11.1	193.9	7.2	230.2
Gas fireplaces	--	0.9	--	38.5	--	45.2
High CRI fluorescent lamps	92	--	--	16.6	5.0	21.7
Portable electric spas	285	--	--	42.5	13.0	54.7
Residential ventilating fans	52	--	--	7.2	2.2	9.6
Showerheads	138	3.2	6.5	167.2	6.2	198.5
Spray sprinkler bodies	--	--	30.1	--	--	--
Toilets (water closets)	--	--	2.8	--	--	--
Urinals	--	--	0.5	--	--	--
Water coolers	99	--	--	14.6	4.5	21.6
Total	1,520	13	52	808	69	981

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.