

Appliance Standards Awareness Project

2019 State Appliance Standards Recommendations

Savings estimates for: **New Mexico**

	Potential annual savings in 2025						Potential annual savings in 2035					
	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 compressors	1.5	--	--	0.6	0.2	0.7	4.4	--	--	1.8	0.5	1.8
Air purifiers	9.7	--	--	4.0	1.1	4.1	19.3	--	--	7.8	2.2	7.9
Commercial dishwashers	1.1	25	35	1.6	0.1	1.8	3.1	74	103	4.6	0.4	5.2
Commercial fryers	0.2	95	--	4.4	0.02	5.1	0.5	252	--	11.7	0.1	13.6
Commercial hot-food holding cabinets	1.1	--	--	0.5	0.1	0.5	3.0	--	--	1.2	0.3	1.2
Commercial steam cookers	1.9	10	32	1.2	0.2	1.3	5.0	26	84	3.2	0.6	3.5
Computers and computer monitors	41.6	--	--	17.4	4.9	17.7	52.3	--	--	21.0	5.9	21.6
Faucets	9.4	177	530	12.0	1.1	13.4	21.0	389	1,169	26.2	2.4	29.2
High CRI fluorescent lamps	14.9	--	--	6.2	1.7	6.4	4.8	--	--	1.9	0.5	2.0
Portable air conditioners	1.4	--	--	0.6	0.2	0.6	4.3	--	--	1.7	0.5	1.8
Portable electric spas	2.5	--	--	1.0	0.3	1.0	5.5	--	--	2.2	0.6	2.2
Residential ventilating fans	1.2	--	--	0.5	0.1	0.5	2.6	--	--	1.1	0.3	1.1
Showerheads	6.7	123	252	8.4	0.8	9.3	14.8	272	561	18.4	1.7	20.5
Spray sprinkler bodies	--	--	585	--	--	--	--	--	1,170	--	--	--
Toilets (water closets)	--	--	141	--	--	--	--	--	442	--	--	--
Uninterruptible power supplies	7.9	--	--	3.3	0.9	3.4	10.6	--	--	4.3	1.2	4.4
Urinals	--	--	19	--	--	--	--	--	50	--	--	--
Water coolers	2.2	--	--	0.9	0.3	1.0	5.0	--	--	2.0	0.6	2.1
Total	103	429	1,594	63	12	67	156	1,013	3,578	109	18	118

Assuming a compliance date of 2021 for almost all the recommended standards. Totals may not sum due to rounding.

	Potential annual utility bill savings (million 2017\$)		Net present value savings (million 2017\$)	Benefit-cost ratio	Payback period (years)
	In 2025	In 2035			
Air compressors	0.1	0.2	1.0	2.4	4.2
Air purifiers	1.2	2.5	11.1	2.4	3.2
Commercial dishwashers	0.7	2.2	13.3	8.7	1.3
Commercial fryers	0.8	2.1	6.3	1.8	5.2
Commercial hot-food holding cabinets	0.1	0.3	1.3	2.9	3.2
Commercial steam cookers	0.6	1.8	11.0	10.1	1.0
Computers and computer monitors	4.4	5.8	23.9	2.1	2.5
Faucets	9.0	22.1	159.4	no cost	0.0
High CRI fluorescent lamps	1.4	0.5	6.2	2.7	2.8
Portable air conditioners	0.2	0.6	2.5	3.0	2.9
Portable electric spas	0.3	0.7	5.3	no cost	0.0
Residential ventilating fans	0.1	0.3	2.5	no cost	0.0
Showerheads	5.0	12.2	88.1	no cost	0.0
Spray sprinkler bodies	6.5	15.0	95.3	8.0	1.1
Toilets (water closets)	1.6	5.7	50.8	no cost	0.0
Uninterruptible power supplies	0.8	1.0	4.8	2.3	2.3
Urinals	0.2	0.6	4.4	no cost	0.0
Water coolers	0.2	0.5	3.4	no cost	0.0
Total	33	74	491	8.6	-

Assuming a compliance date of 2021 for almost 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 2021 and 2035. 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 2035 for the package of recommended standards divided by the present value of the total additional costs.

Cumulative savings estimates for: **New Mexico**

	Potential cumulative savings through 2035					
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)
Air compressors	38	--	--	15.5	4.3	15.9
Air purifiers	203	--	--	83.8	23.5	85.1
Commercial dishwashers	26	0.6	0.9	38.9	3.0	43.9
Commercial fryers	4	2.3	--	105.0	0.5	122.3
Commercial hot-food holding cabinets	27	--	--	11.0	3.1	11.3
Commercial steam cookers	45	0.2	0.8	29.2	5.2	31.6
Computers and computer monitors	632	--	--	261.9	73.4	267.5
Faucets	210	3.9	11.7	264.2	24.3	295.1
High CRI fluorescent lamps	150	--	--	62.8	17.6	64.3
Portable air conditioners	38	--	--	15.6	4.4	15.8
Portable electric spas	55	--	--	22.7	6.4	23.0
Residential ventilating fans	26	--	--	10.9	3.1	11.1
Showerheads	148	2.7	5.6	185.2	17.1	206.8
Spray sprinkler bodies	--	--	12.3	--	--	--
Toilets (water closets)	--	--	3.5	--	--	--
Uninterruptible power supplies	127	--	--	52.7	14.8	54.0
Urinals	--	--	0.4	--	--	--
Water coolers	50	--	--	20.5	5.7	21.1
Total	1,778	10	35	1,180	206	1,269

Assuming a compliance date of 2021 for almost all the recommended standards. Totals may not sum due to rounding.