

Appliance Standards Awareness Project

2019 State Appliance Standards Recommendations

Savings estimates for: Nevada

	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	2.5	--	--	0.9	0.3	0.9	7.1	--	--	2.6	0.7	2.5
Air purifiers	13.1	--	--	4.7	1.4	4.6	26.1	--	--	9.4	2.6	9.1
Commercial dishwashers	1.5	36	50	2.2	0.2	2.5	4.5	106	148	6.4	0.5	7.2
Commercial fryers	0.2	136	--	6.3	0.03	7.3	0.7	362	--	16.7	0.1	19.5
Commercial hot-food holding cabinets	1.6	--	--	0.6	0.2	0.6	4.3	--	--	1.5	0.4	1.5
Commercial steam cookers	2.7	14	45	1.6	0.3	1.7	7.1	38	121	4.3	0.7	4.5
Computers and computer monitors	54.3	--	--	19.6	5.7	19.5	68.2	--	--	24.6	6.9	23.8
Faucets	13.0	244	731	15.8	1.4	17.6	28.9	536	1,610	34.8	2.9	38.5
High CRI fluorescent lamps	19.0	--	--	6.9	2.0	6.8	6.2	--	--	2.3	0.6	2.2
Portable air conditioners	1.9	--	--	0.7	0.2	0.7	5.8	--	--	2.1	0.6	2.0
Portable electric spas	3.6	--	--	1.3	0.4	1.3	8.0	--	--	2.9	0.8	2.8
Residential ventilating fans	1.6	--	--	0.6	0.2	0.6	3.6	--	--	1.3	0.4	1.2
Showerheads	9.2	169	348	11.0	1.0	12.2	20.4	375	773	24.4	2.1	27.0
Spray sprinkler bodies	--	--	1,939	--	--	--	--	--	3,878	--	--	--
Toilets (water closets)	--	--	196	--	--	--	--	--	612	--	--	--
Uninterruptible power supplies	10.0	--	--	3.6	1.1	3.6	13.6	--	--	4.9	1.4	4.8
Urinals	--	--	27	--	--	--	--	--	71	--	--	--
Water coolers	2.8	--	--	1.0	0.3	1.0	6.3	--	--	2.3	0.6	2.2
Total	137	598	3,335	77	15	81	211	1,416	7,212	140	21	149

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	0.4	1.5	2.3	4.3
Air purifiers	1.5	3.4	14.2	2.4	3.4
Commercial dishwashers	1.1	3.4	20.6	9.4	1.2
Commercial fryers	1.5	4.0	16.2	2.5	3.9
Commercial hot-food holding cabinets	0.1	0.3	1.2	2.3	4.0
Commercial steam cookers	0.9	2.5	15.6	9.9	1.0
Computers and computer monitors	5.1	6.8	24.4	1.8	2.8
Faucets	12.2	30.2	216.8	no cost	0.0
High CRI fluorescent lamps	1.5	0.6	5.7	2.2	3.5
Portable air conditioners	0.2	0.8	3.2	2.9	3.1
Portable electric spas	0.4	1.0	7.4	no cost	0.0
Residential ventilating fans	0.2	0.5	3.3	no cost	0.0
Showerheads	6.7	16.6	119.4	no cost	0.0
Spray sprinkler bodies	21.6	49.9	315.8	8.0	1.1
Toilets (water closets)	2.2	7.9	70.3	no cost	0.0
Uninterruptible power supplies	0.8	1.1	4.1	1.9	2.9
Urinals	0.3	0.9	6.3	no cost	0.0
Water coolers	0.2	0.5	3.4	no cost	0.0
Total	56	131	849	8.5	-

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: Nevada

	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	61	--	--	22.2	6.3	21.7
Air purifiers	274	--	--	100.2	28.3	96.7
Commercial dishwashers	37	0.9	1.2	54.1	3.9	60.5
Commercial fryers	6	3.3	--	150.5	0.6	175.2
Commercial hot-food holding cabinets	38	--	--	14.0	3.9	13.7
Commercial steam cookers	64	0.3	1.1	38.9	6.6	41.0
Computers and computer monitors	826	--	--	302.0	85.6	293.9
Faucets	289	5.4	16.1	350.2	29.8	387.3
High CRI fluorescent lamps	192	--	--	70.7	20.2	69.6
Portable air conditioners	51	--	--	18.7	5.3	18.0
Portable electric spas	80	--	--	29.1	8.2	28.1
Residential ventilating fans	36	--	--	13.0	3.7	12.6
Showerheads	204	3.8	7.7	245.3	21.1	271.2
Spray sprinkler bodies	--	--	40.7	--	--	--
Toilets (water closets)	--	--	4.9	--	--	--
Uninterruptible power supplies	162	--	--	59.4	16.8	58.1
Urinals	--	--	0.6	--	--	--
Water coolers	63	--	--	22.9	6.5	22.4
Total	2,383	14	72	1,491	247	1,570

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