

## Appliance Standards Awareness Project

### 2021 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 <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)
Air purifiers	15.5	--	--	6.3	1.1	8.1	55.9	--	--	20.5	3.2	28.7
Commercial dishwashers	1.2	29	41	1.8	0.1	2.3	6.2	147	204	8.9	0.3	11.0
Commercial fryers	0.3	113	--	5.2	0.02	6.2	1.2	542	--	25.0	0.1	29.4
Commercial hot-food holding cabinets	2.6	--	--	1.1	0.2	1.6	12.7	--	--	4.7	0.7	6.7
Commercial ovens	0.9	8	--	0.8	0.1	1.0	4.4	40	--	3.4	0.3	4.5
Commercial steam cookers	1.7	9	28	1.1	0.1	1.5	8.0	42	136	4.8	0.5	6.4
Electric vehicle supply equipment	0.7	--	--	0.3	0.1	0.4	11.3	--	--	4.1	0.6	5.8
Gas fireplaces	--	23	--	1.0	--	1.2	--	115	--	5.2	--	6.1
High CRI fluorescent lamps	8.2	--	--	3.4	0.6	4.9	5.3	--	--	2.0	0.3	2.8
Portable electric spas	11.4	--	--	4.7	0.8	5.9	36.7	--	--	13.5	2.1	18.8
Residential ventilating fans	2.1	--	--	0.8	0.1	1.1	10.3	--	--	3.8	0.6	5.3
Water coolers	3.4	--	--	1.4	0.2	2.1	13.7	--	--	5.0	0.8	7.2
<b>Total</b>	<b>48</b>	<b>182</b>	<b>69</b>	<b>28</b>	<b>3</b>	<b>36</b>	<b>166</b>	<b>886</b>	<b>340</b>	<b>101</b>	<b>9</b>	<b>133</b>

Assuming a compliance date of 2023 for all the recommended standards. Totals may not sum due to rounding. While we continue to recommend the adoption of state-level standards for computers and computer monitors, we have not estimated savings for these products due to a lack of data on the current market.

## Savings estimates for: Nevada

	Potential annual utility bill savings (million 2019\$)		Net present value savings (million 2019\$)	Benefit-cost ratio	Payback period (years)
	In 2025	In 2035			
Air purifiers	1.7	6.8	45.8	no cost	0.0
Commercial dishwashers	0.7	4.2	23.7	7.9	1.4
Commercial fryers	0.7	3.9	9.1	1.6	6.5
Commercial hot-food holding cabinets	0.2	0.8	0.5	1.1	8.2
Commercial ovens	0.1	0.6	2.9	4.7	2.1
Commercial steam cookers	0.5	2.6	15.0	9.1	1.1
Electric vehicle supply equipment	0.1	1.4	9.7	no cost	0.0
Gas fireplaces	0.2	1.2	7.3	10.0	1.2
High CRI fluorescent lamps	0.6	0.5	2.2	1.6	4.0
Portable electric spas	1.3	4.5	25.8	7.3	1.0
Residential ventilating fans	0.2	1.2	8.5	no cost	0.0
Water coolers	0.2	0.9	6.1	no cost	0.0
<b>Total</b>	<b>7</b>	<b>29</b>	<b>157</b>	<b>4.3</b>	<b>-</b>

Assuming a compliance date of 2023 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 2023 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. While we continue to recommend the adoption of state-level standards for computers and computer monitors, we have not estimated savings for these products due to a lack of data on the current market.

## Cumulative savings estimates for: Nevada

	Potential cumulative savings through 2035					
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)
Air purifiers	475	--	--	184.7	28.5	248.9
Commercial dishwashers	42	1.0	1.4	61.2	2.5	75.0
Commercial fryers	9	3.8	--	175.3	0.5	206.1
Commercial hot-food holding cabinets	89	--	--	34.4	5.3	47.5
Commercial ovens	31	0.3	--	24.8	1.9	31.5
Commercial steam cookers	56	0.3	0.9	35.1	3.3	45.6
Electric vehicle supply equipment	54	--	--	20.5	3.2	28.1
Gas fireplaces	--	0.8	--	35.3	--	41.4
High CRI fluorescent lamps	114	--	--	45.4	7.1	61.7
Portable electric spas	307	--	--	119.4	18.5	160.8
Residential ventilating fans	69	--	--	26.9	4.1	36.3
Water coolers	109	--	--	42.4	6.5	58.5
<b>Total</b>	<b>1,354</b>	<b>6</b>	<b>2</b>	<b>805</b>	<b>81</b>	<b>1,041</b>

Assuming a compliance date of 2023 for all the recommended standards. Totals may not sum due to rounding. While we continue to recommend the adoption of state-level standards for computers and computer monitors, we have not estimated savings for these products due to a lack of data on the current market.