Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Nevada

	Potential annual savings in 2040								
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO_x (tons)	SO_2 (tons)	CO_2 (thousand metric tons)	Summer peak demand (MW)	Winter peak demand (MW)	Utility bills (million 2025$)
Commercial & industrial fans	119.5	--	--	5.9	0.0	15.5	19.0	14.6	10.9
Commercial battery chargers	2.9	--	--	0.1	0.0	0.4	0.3	0.3	0.3
Commercial dishwashers	5.7	--	--	0.3	0.0	0.7	0.7	0.8	0.6
Commercial ovens	1.2	24	--	1.1	0.01	1.4	0.3	0.2	0.3
Computer server power supplies	10.6	--	--	0.5	0.0	1.4	1.2	1.2	1.1
Electric motors	178.0	--	--	8.8	0.0	23.2	29.5	21.7	18.8
Spray sprinkler bodies	--	--	11,597	--	--	--	--	--	126.5
Total	**318**	**24**	**11,597**	**17**	**0.01**	**43**	**51**	**39**	**158**

Assuming a compliance date of 2029 for all the products. We have not estimated savings for commercial hot-food holding cabinets, computers and computer monitors, or residential ventilating fans due to insufficient data on the current market.

Cumulative savings estimates through 2050 for: Nevada

	Potential cumulative savings through 2050							
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO_x (tons)	SO_2 (tons)	CO_2 (thousand metric tons)	Utility bills (million 2025$)	Payback period (years)
Commercial & industrial fans	2,310.4	--	--	120	0.0	371.4	207.3	1.4
Commercial battery chargers	53.4	--	--	3	0.0	8.5	4.6	3.6
Commercial dishwashers	103.6	--	--	5	0.0	16.5	10.1	**
Commercial ovens	19.9	0.4	--	19	0.1	24.0	5.0	**
Computer server power supplies	206.9	--	--	12	0.0	33.6	20.1	3.1
Electric motors	3,174.4	--	--	166	0.0	506.0	329.6	1.3
Spray sprinkler bodies	--	--	197.2	--	--	--	2,200.5	0.9
Total	**5,869**	**0.4**	**197**	**325**	**0.1**	**960**	**2,777**	**–**

Assuming a compliance date of 2029 for all the products. We have not estimated savings for commercial hot-food holding cabinets, computers and computer monitors, or residential ventilating fans due to insufficient data on the current market.

**Nevada has existing standards for commercial dishwashers and commercial ovens. We are recommending improved standards for these products; however, we did not estimate payback period due to insufficient data on the incremental product cost.