

Appliance Standards Awareness Project

2024 State Appliance Standards Recommendations

Savings estimates for: Nevada

	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)
Commercial battery chargers	1.7	--	--	0.3	0.03	0.4	5.1	--	--	0.3	0.02	0.5
Irrigation controllers	--	--	2,159	--	--	--	--	--	6,958	--	--	--
Spray sprinkler bodies	--	--	3,973	--	--	--	--	--	8,829	--	--	--
Total	2	--	5,735	0.3	0.03	0.4	5	--	13,182	0.3	0.02	0.5

Assuming a compliance date of 2026 for all the recommended standards. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water savings. The total potential water savings are thus smaller than the sum of the individual products.

	Potential annual utility bill savings (million 2022\$)		Net present value savings (million 2022\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.3	2.3	2.6
Irrigation controllers	35.7	132.9	1,217.9	0.7
Spray sprinkler bodies	65.7	168.6	1,578.8	0.7
Total	95	252	2,631	--

Assuming a compliance date of 2026 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 2026 and 2050. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total savings. The totals are thus smaller than the sum of the individual products.

Cumulative savings estimates for: Nevada

Potential cumulative savings through 2050							
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)	Utility bill savings (million 2022\$)
Commercial battery chargers	94	--	--	8.1	0.8	13.0	6.1
Irrigation controllers	--	--	126.0	--	--	--	2,444.2
Spray sprinkler bodies	--	--	176.6	--	--	--	3,385.0
Total	94	--	258	8	1	13	4,974

Assuming a compliance date of 2026 for all the recommended standards. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water and utility bill savings. The total potential water and utility bill savings are thus smaller than the sum of the individual products.