

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Idaho

	Potential annual savings in 2035							Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Utility bill savings (million 2024\$)	
Commercial & industrial fans	72.5	--	--	2.9	0.1	9.0	5.1	1.5
Commercial battery chargers	1.4	--	--	0.1	0.001	0.2	0.1	3.8
Commercial dishwashers	3.9	51	70	2.4	0.02	3.2	2.1	1.0
Commercial fryers	0.2	163	--	7.4	0.05	8.7	1.3	3.8
Commercial ovens	2.3	17	--	0.9	0.01	1.2	0.3	8.0
Commercial steam cookers	0.7	7	18	0.4	0.003	0.5	0.5	0.8
Computer server power supplies	20.0	--	--	0.8	0.02	2.5	1.6	1.2
Electric motors	86.0	--	--	3.4	0.1	10.6	6.9	1.7
Faucets	14.9	90	420	4.6	0.04	6.6	10.8	0.0
Gas fireplaces	--	76	--	3.4	0.02	4.0	0.6	1.8
High CRI fluorescent lamps	5.8	--	--	0.2	0.005	0.7	0.5	2.6
Portable electric spas	32.4	--	--	1.3	0.03	4.0	3.5	1.5
Showerheads	20.9	100	401	5.3	0.05	7.9	11.1	0.0
Spray sprinkler bodies	--	--	5,503	--	--	--	111.1	0.7
Toilets (water closets)	--	--	245	--	--	--	4.9	0.0
Urinals	--	--	25	--	--	--	0.5	0.0
Water coolers	8.1	--	--	0.3	0.01	1.0	0.6	0.0
Total	269	502	6,683	33	0.5	60	162	--

Assuming a compliance date of 2028 for all the recommended standards except electric motors, which have an assumed compliance date of 2029. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, residential ventilating fans, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates for: Idaho

	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 bill savings (million 2024\$)
Commercial & industrial fans	1,702	--	--	75.2	7.2	192.6	119.8
Commercial battery chargers	44	--	--	1.8	0.2	4.7	3.0
Commercial dishwashers	95	1.2	1.7	59.0	0.7	74.7	54.3
Commercial fryers	6	4.4	--	201.2	1.3	235.3	36.1
Commercial ovens	63	0.5	--	23.2	0.4	31.0	8.6
Commercial steam cookers	20	0.2	0.5	9.6	0.1	12.4	14.1
Computer server power supplies	411	--	--	20.6	1.9	49.3	32.5
Electric motors	1,965	--	--	77.8	7.4	213.7	157.0
Faucets	358	2.1	10.1	110.4	2.1	151.0	277.2
Gas fireplaces	--	2.3	--	106.3	0.7	124.0	19.1
High CRI fluorescent lamps	64	--	--	4.5	0.4	9.1	5.4
Portable electric spas	707	--	--	30.9	2.9	79.8	76.4
Showerheads	503	2.4	9.6	129.6	2.7	182.4	285.3
Spray sprinkler bodies	--	--	132.1	--	--	--	2,903.1
Toilets (water closets)	--	--	8.5	--	--	--	189.8
Urinals	--	--	0.7	--	--	--	15.0
Water coolers	194	--	--	8.2	0.8	21.5	15.2
Total	6,131	13	163	858	29	1,382	4,212

Assuming a compliance date of 2028 for all the recommended standards except electric motors, which have an assumed compliance date of 2029. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, residential ventilating fans, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.