

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Alaska

	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	15.1	--	--	12.2	0.2	2.1	2.8	0.8
Commercial battery chargers	0.3	--	--	0.2	0.004	0.04	0.05	2.2
Commercial dishwashers	1.5	19	26	2.0	0.03	1.2	1.0	0.8
Commercial fryers	0.1	60	--	2.8	0.02	3.2	0.6	2.9
Commercial ovens	0.9	6	--	1.0	0.02	0.4	0.2	4.2
Commercial steam cookers	0.3	3	7	0.3	0.01	0.2	0.2	0.6
Computer server power supplies	5.4	--	--	4.3	0.1	0.8	1.0	0.5
Electric motors	25.0	--	--	20.3	0.4	3.5	5.0	0.7
Faucets	3.6	45	164	5.0	0.1	2.9	4.6	0.0
Gas fireplaces	--	15	--	0.7	0.004	0.8	0.1	1.4
High CRI fluorescent lamps	2.2	--	--	1.8	0.03	0.3	0.4	1.2
Portable electric spas	6.5	--	--	5.3	0.1	0.9	1.5	0.5
Showerheads	5.0	54	157	6.5	0.1	3.6	4.9	0.0
Spray sprinkler bodies	--	--	726	--	--	--	14.6	0.7
Toilets (water closets)	--	--	96	--	--	--	1.9	0.0
Urinals	--	--	9	--	--	--	0.2	0.0
Water coolers	3.0	--	--	2.5	0.05	0.4	0.6	0.0
Total	69	202	1,184	65	1	20	40	--

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: **Alaska**

	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	377	--	--	253.4	4.9	42.0	69.5
Commercial battery chargers	8	--	--	5.0	0.1	0.8	1.4
Commercial dishwashers	35	0.4	0.6	43.8	0.6	27.6	24.5
Commercial fryers	2	1.6	--	75.8	0.5	87.0	15.1
Commercial ovens	23	0.2	--	22.9	0.3	11.4	6.0
Commercial steam cookers	8	0.1	0.2	8.1	0.1	4.6	6.1
Computer server power supplies	110	--	--	80.6	1.8	13.3	21.2
Electric motors	573	--	--	374.2	6.5	62.5	114.3
Faucets	86	1.1	3.9	106.3	1.4	66.2	116.9
Gas fireplaces	--	0.4	--	20.3	0.1	23.7	4.4
High CRI fluorescent lamps	24	--	--	22.2	0.7	3.6	4.8
Portable electric spas	142	--	--	97.0	1.9	16.1	32.7
Showerheads	121	1.3	3.8	139.9	1.9	82.0	123.3
Spray sprinkler bodies	--	--	17.4	--	--	--	382.7
Toilets (water closets)	--	--	3.3	--	--	--	74.0
Urinals	--	--	0.3	--	--	--	5.5
Water coolers	73	--	--	48.9	0.9	8.1	14.1
Total	1,583	5	30	1,298	22	449	1,017

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.