

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Rhode Island

	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	14.2	--	--	1.8	0.02	1.5	2.5	1.1
Commercial battery chargers	0.2	--	--	0.03	0.0003	0.02	0.04	3.3
Commercial dishwashers	1.5	--	--	0.2	0.002	0.2	0.3	**
Commercial ovens	0.3	5	--	0.3	0.002	0.3	0.1	**
Computer server power supplies	4.9	--	--	0.6	0.01	0.5	0.9	0.6
Electric motors	32.7	--	--	4.1	0.05	3.4	6.5	0.8
Faucets	1.6	28	76.4	1.5	0.01	1.7	2.5	0.0
Showerheads	3.9	42.8	123.1	2.4	0.02	2.7	4.3	0.0
Total	59	76	200	11	0.1	10	17	--

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.

**Rhode Island 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.

Cumulative savings estimates for: Rhode Island

	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	382	--	--	41	2.4	31.6	66.6
Commercial battery chargers	6	--	--	0.6	0.04	0.5	1.0
Commercial dishwashers	37	--	--	4.0	0.2	3.1	6.6
Commercial ovens	7	0.1	--	7.2	0.1	8.1	3.8
Computer server power supplies	100	--	--	11.1	0.6	8.8	17.9
Electric motors	753	--	--	81.4	4.6	63.1	149.7
Faucets	39.3	0.6	1.8	33.6	0.4	37.5	63.5
Showerheads	92.6	1	3	56.6	0.9	62.2	108.9
Total	1,417	2	5	236	9	215	418

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.