Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Maine

	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	28.4	--	--	2.5	0.0	2.1	4.6	4.0	4.7
Commercial battery chargers	0.6	--	--	0.1	0.0	0.05	0.1	0.1	0.1
Commercial dishwashers	9.4	40	60	2.6	0.01	2.8	0.9	2.7	3.9
Commercial fryers	0.2	175	--	8.0	0.1	9.3	0.0	0.1	3.0
Commercial ovens	2.5	18	--	1.0	0.01	1.1	0.4	0.6	0.8
Commercial steam cookers	0.8	8	20	0.4	0.002	0.5	0.1	0.2	0.7
Computer server power supplies	1.6	--	--	0.1	0.0	0.1	0.2	0.2	0.3
Electric motors	57.1	--	--	4.9	0.0	4.2	9.0	7.8	11.9
Gas fireplaces	--	40	--	1.8	0.01	2.1	--	--	0.7
Total	**101**	**282**	**80**	**21**	**0.1**	**22**	**15**	**16**	**26**

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: Maine

	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	550.2	--	--	47.9	0.0	41.1	93.5	0.9
Commercial battery chargers	11.7	--	--	1.0	0.0	0.9	1.8	2.4
Commercial dishwashers	169.4	0.7	1.1	47.7	0.2	51.1	72.0	1.3
Commercial fryers	4.2	2.9	--	133.1	0.8	155.3	50.7	1.6
Commercial ovens	41.6	0.3	--	17.2	0.1	19.0	13.2	3.6
Commercial steam cookers	13.3	0.1	0.3	6.9	0.04	7.7	12.7	0.6
Computer server power supplies	32.1	--	--	2.8	0.0	2.5	6.2	1.6
Electric motors	1,017.2	--	--	89.0	0.0	76.7	216.0	0.7
Gas fireplaces	--	0.8	--	34.5	0.2	40.2	14.2	0.7
Total	**1,840**	**5**	**1**	**380**	**1**	**394**	**480**	**–**

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.