

Appliance Standards Awareness Project

2023 State Appliance Standards Recommendations

Savings estimates for: **Maine**

	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)
Air purifiers	19.4	--	--	3.1	0.3	2.2	31.8	--	--	4.2	0.4	2.9
Commercial dishwashers	0.8	21	29	1.1	0.01	1.2	2.0	50	70	2.5	0.03	2.8
Commercial fryers	0.3	108	--	4.9	0.01	5.8	0.7	235	--	10.7	0.01	12.5
Commercial ovens	0.9	14	--	0.8	0.01	0.9	1.9	30	--	1.6	0.03	1.8
Commercial steam cookers	0.5	4	12	0.3	0.01	0.3	1.2	10	27	0.6	0.02	0.6
Electric vehicle supply equipment	1.8	--	--	0.3	0.03	0.2	12.2	--	--	1.6	0.2	1.1
Gas fireplaces	--	9	--	0.4	--	0.5	--	26	--	1.2	--	1.4
High CRI fluorescent lamps	6.8	--	--	1.1	0.1	1.0	1.8	--	--	0.2	0.03	0.2
Residential ventilating fans	1.6	--	--	0.3	0.03	0.2	4.4	--	--	0.6	0.1	0.4
Total	32	156	41	12	1	12	56	350	96	23	1	24

Assuming a compliance date of 2025 for all the recommended standards. Totals may not sum due to rounding.

Savings estimates for: [Maine](#)

	Potential annual utility bill savings (million 2021\$)		Net present value savings (million 2021\$)	Benefit-cost ratio	Payback period (years)
	In 2030	In 2040			
Air purifiers	3.5	6.1	41.6	8.7	0.9
Commercial dishwashers	0.9	2.3	15.2	12.8	0.9
Commercial fryers	1.4	3.2	18.4	4.7	2.0
Commercial ovens	0.3	0.6	2.2	1.9	4.9
Commercial steam cookers	0.3	0.8	5.5	13.9	0.7
Electric vehicle supply equipment	0.3	2.3	14.3	no cost	0.0
Gas fireplaces	0.1	0.4	2.6	15.1	0.7
High CRI fluorescent lamps	0.9	0.3	4.5	3.9	1.6
Residential ventilating fans	0.3	0.8	5.7	no cost	0.0
Total	8	17	110	7.7	-

Assuming a compliance date of 2025 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 2025 and 2040. Totals may not sum due to rounding. The total benefit-cost ratio is calculated as the present value of the total utility bill savings from products sold through 2040 for the package of recommended standards divided by the present value of the total additional costs.

Cumulative savings estimates for: **Maine**

	Potential cumulative savings through 2040					
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)
Air purifiers	365	--	--	50.7	5.4	35.3
Commercial dishwashers	19	0.5	0.7	23.9	0.3	27.1
Commercial fryers	7	2.3	--	107.3	0.1	125.4
Commercial ovens	19	0.3	--	16.3	0.3	18.2
Commercial steam cookers	12	0.1	0.3	6.0	0.2	6.4
Electric vehicle supply equipment	69	--	--	9.3	1.0	6.4
Gas fireplaces	--	0.2	--	9.9	--	11.7
High CRI fluorescent lamps	68	--	--	10.1	1.1	9.2
Residential ventilating fans	37	--	--	5.1	0.5	3.5
Total	597	3	1	239	9	243

Assuming a compliance date of 2025 for all the recommended standards. Totals may not sum due to rounding.