

Appliance Standards Awareness Project

2024 State Appliance Standards Recommendations

Savings estimates for: [New Hampshire](#)

	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)
Commercial battery chargers	0.4	--	--	0.04	0.003	0.03	1.0	--	--	0.1	0.01	0.1
Commercial dishwashers	1.2	29	40	1.4	0.01	1.6	3.4	84	117	4.2	0.03	4.8
Commercial fryers	0.3	108	--	4.9	0.002	5.8	0.9	287	--	13.1	0.01	15.3
Commercial ovens	0.9	14	--	0.7	0.01	0.8	2.3	36	--	1.9	0.02	2.1
Commercial steam cookers	0.5	4	12	0.3	0.00	0.3	1.4	11	32	0.7	0.01	0.7
Faucets	4.0	38	145	2.2	0.03	2.3	8.9	85	321	4.8	0.1	5.3
Gas fireplaces	--	7	--	0.3	--	0.4	--	24	--	1.1	--	1.3
High CRI fluorescent lamps	4.8	--	--	0.5	0.03	0.4	1.9	--	--	0.2	0.02	0.2
Irrigation controllers	--	--	160	--	--	--	--	--	517	--	--	--
Portable electric spas	4.8	--	--	0.5	0.03	0.4	9.5	--	--	1.0	0.1	0.8
Residential ventilating fans	0.5	--	--	0.05	0.003	0.03	1.5	--	--	0.2	0.01	0.1
Showerheads	5.1	48	125	2.7	0.04	2.9	11.3	107	277	6.1	0.1	6.6
Spray sprinkler bodies	--	--	295	--	--	--	--	--	656	--	--	--
Toilets (water closets)	--	--	53	--	--	--	--	--	161	--	--	--
Urinals	--	--	12	--	--	--	--	--	32	--	--	--
Water coolers	2.9	--	--	0.3	0.0	0.2	6.5	--	--	0.7	0.1	0.5
Total	25	248	813	14	0.2	15	49	635	1,919	34	0.4	38

Assuming a compliance date of 2026 for all the recommended standards. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water savings. The total potential water savings are thus smaller than the sum of the individual products.

Savings estimates for: [New Hampshire](#)

	Potential annual utility bill savings (million 2022\$)		Net present value savings (million 2022\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.2	1.3	1.3
Commercial dishwashers	1.2	4.0	34.6	0.9
Commercial fryers	1.5	4.1	30.7	2.1
Commercial ovens	0.3	0.9	4.5	4.5
Commercial steam cookers	0.3	1.0	9.1	0.8
Faucets	3.9	9.6	96.2	0.0
Gas fireplaces	0.1	0.4	3.4	0.7
High CRI fluorescent lamps	0.8	0.4	5.2	1.3
Irrigation controllers	2.6	9.7	88.6	0.7
Portable electric spas	1.1	2.4	21.8	0.5
Residential ventilating fans	0.1	0.4	3.3	0.0
Showerheads	3.9	9.7	97.3	0.0
Spray sprinkler bodies	4.8	12.3	114.7	0.8
Toilets (water closets)	0.9	3.0	37.5	0.0
Urinals	0.2	0.6	5.8	0.0
Water coolers	0.5	1.2	11.8	0.0
Total	22	56	554	-

Assuming a compliance date of 2026 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 2026 and 2050. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total savings. The totals are thus smaller than the sum of the individual products.

Cumulative savings estimates for: [New Hampshire](#)

	Potential cumulative savings through 2050						Utility bill savings (million 2022\$)
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thous. MT)	
Commercial battery chargers	19	--	--	2.0	0.2	1.5	2.9
Commercial dishwashers	63	1.5	2.2	76.9	0.5	87.3	73.4
Commercial fryers	16	5.5	--	249.2	0.1	291.4	77.2
Commercial ovens	43	0.7	--	35.9	0.4	40.1	17.2
Commercial steam cookers	27	0.2	0.6	12.7	0.2	13.7	19.4
Faucets	178	1.7	6.4	95.7	1.4	104.2	190.8
Gas fireplaces	--	0.4	--	19.8	--	23.2	7.1
High CRI fluorescent lamps	59	--	--	6.4	0.5	4.8	11.2
Irrigation controllers	--	--	9.4	--	--	--	177.9
Portable electric spas	194	--	--	20.5	1.6	15.3	46.7
Residential ventilating fans	27	--	--	2.8	0.2	2.1	6.4
Showerheads	225	2.1	5.5	120.6	1.8	131.2	192.9
Spray sprinkler bodies	--	--	13.1	--	--	--	246.4
Toilets (water closets)	--	--	3.3	--	--	--	64.1
Urinals	--	--	0.6	--	--	--	11.4
Water coolers	129	--	--	13.6	1.1	10.1	23.4
Total	982	12	38	656	8	725	1,106

Assuming a compliance date of 2026 for all the recommended standards. While we continue to recommend the adoption of state-level standards for commercial hot-food holding cabinets and computers and computer monitors, we have not estimated savings for these products due to insufficient data on the current market. We accounted for the interaction effects among irrigation controllers and spray sprinkler bodies in calculating the total water and utility bill savings. The total potential water and utility bill savings are thus smaller than the sum of the individual products.