Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: New Hampshire

	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	25.8	--	--	2.2	0.0	1.9	4.8	3.7	4.4
Commercial battery chargers	0.5	--	--	0.05	0.0	0.04	0.1	0.1	0.1
Commercial dishwashers	9.4	41	60	2.6	0.01	2.8	1.2	2.5	3.7
Commercial fryers	0.3	176	--	8.0	0.1	9.3	0.03	0.1	2.6
Commercial ovens	2.5	18	--	1.0	0.01	1.1	0.3	0.6	0.7
Commercial steam cookers	0.8	8	20	0.4	0.002	0.5	0.1	0.2	0.7
Computer server power supplies	1.7	--	--	0.1	0.0	0.1	0.2	0.2	0.3
Electric motors	52.7	--	--	4.6	0.0	3.9	9.3	7.3	10.3
Faucets	7.1	72	274	3.9	0.02	4.3	0.8	1.2	9.3
Gas fireplaces	--	18	--	0.8	0.01	1.0	--	--	0.3
High CRI fluorescent lamps	1.7	--	--	0.1	0.0	0.1	0.3	0.3	0.3
Portable electric spas	21.9	--	--	1.9	0.0	1.6	0.9	4.3	5.1
Showerheads	15.8	128	409	7.2	0.04	8.0	1.7	2.6	15.6
Spray sprinkler bodies	--	--	1,146	--	--	--	--	--	11.2
Toilets (water closets)	--	--	278	--	--	--	--	--	6.6
Urinals	--	--	26	--	--	--	--	--	0.6
Water coolers	6.2	--	--	0.5	0.0	0.5	0.7	0.7	1.1
Total	**146**	**460**	**2,214**	**34**	**0.1**	**35**	**20**	**24**	**73**

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: New Hampshire

	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	502.1	--	--	43.7	0.0	37.4	87.6	0.9
Commercial battery chargers	9.9	--	--	0.9	0.0	0.7	1.6	2.5
Commercial dishwashers	169.8	0.7	1.1	47.9	0.2	51.3	69.1	1.4
Commercial fryers	4.2	2.9	--	133.5	0.8	155.7	43.3	1.9
Commercial ovens	41.8	0.3	--	17.3	0.1	19.1	12.2	3.9
Commercial steam cookers	13.4	0.1	0.3	6.9	0.04	7.7	12.4	0.6
Computer server power supplies	33.3	--	--	3.0	0.0	2.6	6.2	1.7
Electric motors	939.7	--	--	82.2	0.0	70.8	187.2	0.8
Faucets	121.1	1.3	4.7	68.1	0.4	76.2	162.9	0.0
Gas fireplaces	--	0.3	--	15.6	0.1	18.2	6.0	0.8
High CRI fluorescent lamps	34.8	--	--	3.2	0.0	2.9	6.7	1.3
Portable electric spas	386.3	--	--	33.8	0.0	29.1	91.4	0.7
Showerheads	268.9	2.2	7.0	122.2	0.6	135.4	269.7	0.0
Spray sprinkler bodies	--	--	19.5	--	--	--	195.3	1.0
Toilets (water closets)	--	--	5.7	--	--	--	139.3	0.0
Urinals	--	--	0.4	--	--	--	10.5	0.0
Water coolers	104.7	--	--	9.1	0.0	7.8	19.5	0.0
Total	**2,630**	**8**	**39**	**587**	**2**	**615**	**1,321**	**–**

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