

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Vermont

	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	13.2	--	--	1.7	0.02	1.4	1.6	1.1
Commercial battery chargers	0.2	--	--	0.03	0.0004	0.03	0.03	3.1
Commercial dishwashers	0.9	--	--	0.1	0.001	0.1	0.1	**
Commercial ovens	0.8	5	--	0.3	0.003	0.4	0.2	5.2
Computer server power supplies	2.5	--	--	0.3	0.004	0.3	0.4	0.6
Electric motors	21.6	--	--	2.7	0.03	2.3	3.3	1.0
Gas fireplaces	--	14	--	0.6	0.004	0.7	0.2	0.9
Portable electric spas	8.2	--	--	1.0	0.01	0.9	1.6	0.8
Toilets (water closets)	--	--	84	--	--	--	1.8	--
Total	47	19	84	7	0.1	6	9	--

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.

**Vermont has existing standards for commercial dishwashers. 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: **Vermont**

	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	323	--	--	34.8	2.0	27.0	40.4
Commercial battery chargers	7	--	--	0.8	0.05	0.6	0.8
Commercial dishwashers	21	--	--	2.3	0.1	1.8	3.5
Commercial ovens	20	0.1	--	8.9	0.2	9.5	4.3
Computer server power supplies	52	--	--	5.7	0.3	4.5	8.4
Electric motors	495	--	--	53.4	3.0	41.4	76.8
Gas fireplaces	--	0.4	--	19.3	0.1	22.5	6.1
Portable electric spas	179	--	--	19.4	1.1	15.2	34.0
Toilets (water closets)	--	--	2.9	--	--	--	69.0
Total	1,097	1	3	145	7	123	243

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.