Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Delaware

	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	26.9	--	--	1.4	0.0	4.6	5.4	4.3	3.2
Commercial battery chargers	0.6	--	--	0.03	0.0	0.1	0.1	0.1	0.1
Commercial dishwashers	7.0	30	45	1.7	0.01	2.8	0.6	0.9	2.2
Commercial fryers	0.2	131	--	6.0	0.04	7.0	0.02	0.02	2.0
Commercial ovens	1.9	13	--	0.7	0.004	1.0	0.2	0.2	0.4
Commercial steam cookers	0.6	6	15	0.3	0.002	0.4	0.1	0.1	0.4
Computer server power supplies	1.4	--	--	0.1	0.0	0.2	0.2	0.2	0.2
Electric motors	48.7	--	--	2.5	0.0	8.4	9.6	7.5	6.9
Faucets	8.3	40	207	2.3	0.01	3.6	0.8	1.4	6.1
Gas fireplaces	--	32	--	1.5	0.01	1.7	--	--	0.6
High CRI fluorescent lamps	1.2	--	--	0.1	0.0	0.2	0.2	0.2	0.2
Portable electric spas	13.7	--	--	0.7	0.0	2.4	0.6	0.5	2.5
Showerheads	18.4	67	310	4.0	0.02	6.7	1.7	3.1	10.4
Spray sprinkler bodies	--	--	1,736	--	--	--	--	--	13.7
Toilets (water closets)	--	--	210	--	--	--	--	--	4.0
Urinals	--	--	19	--	--	--	--	--	0.4
Water coolers	6.2	--	--	0.3	0.0	1.1	0.7	0.7	0.8
Total	**135**	**320**	**2,543**	**21**	**0.1**	**40**	**20**	**19**	**54**

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: Delaware

	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	521.7	--	--	27.1	0.5	96.5	61.8	1.4
Commercial battery chargers	10.4	--	--	0.5	0.01	1.9	1.1	3.8
Commercial dishwashers	126.8	0.5	0.8	31.3	0.3	52.3	40.6	1.8
Commercial fryers	3.1	2.2	--	99.5	0.6	116.6	32.6	2.0
Commercial ovens	31.2	0.2	--	11.8	0.1	17.7	7.4	5.0
Commercial steam cookers	10.0	0.1	0.2	4.8	0.04	6.9	7.5	0.7
Computer server power supplies	27.4	--	--	1.5	0.04	5.1	3.6	2.5
Electric motors	867.5	--	--	45.3	0.9	160.2	122.6	1.1
Faucets	140.6	0.7	3.5	40.2	0.3	64.3	106.6	0.0
Gas fireplaces	--	0.6	--	27.7	0.2	32.3	10.8	0.8
High CRI fluorescent lamps	24.8	--	--	1.4	0.1	4.7	3.5	1.8
Portable electric spas	241.6	--	--	12.6	0.3	44.6	45.1	1.1
Showerheads	312.2	1.1	5.3	67.6	0.6	117.5	179.8	0.0
Spray sprinkler bodies	--	--	29.5	--	--	--	239.0	1.3
Toilets (water closets)	--	--	4.3	--	--	--	83.8	0.0
Urinals	--	--	0.3	--	--	--	6.2	0.0
Water coolers	105.9	--	--	5.5	0.1	19.5	14.0	0.0
Total	**2,423**	**6**	**44**	**377**	**4**	**740**	**966**	**–**

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.