Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Wyoming

	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	71.5	--	--	1.9	0.0	8.1	9.9	9.1	7.3
Commercial battery chargers	1.9	--	--	0.1	0.0	0.2	0.2	0.2	0.2
Commercial dishwashers	3.9	17	25	0.9	0.005	1.3	0.4	0.7	1.1
Commercial fryers	0.1	73	--	3.3	0.02	3.9	0.02	0.02	0.7
Commercial ovens	1.0	8	--	0.4	0.002	0.5	0.2	0.2	0.2
Commercial steam cookers	0.3	3	8	0.2	0.001	0.2	0.1	0.1	0.2
Computer server power supplies	4.2	--	--	0.1	0.0	0.5	0.5	0.5	0.5
Electric motors	80.9	--	--	2.1	0.0	9.1	12.2	10.8	8.8
Faucets	2.8	29	110	1.4	0.01	1.9	0.4	0.7	3.2
Gas fireplaces	--	24	--	1.1	0.01	1.3	--	--	0.3
High CRI fluorescent lamps	1.7	--	--	0.04	0.0	0.2	0.3	0.2	0.2
Portable electric spas	9.8	--	--	0.3	0.0	1.1	0.7	0.8	1.5
Showerheads	6.2	52	164	2.5	0.01	3.4	0.9	1.6	5.3
Spray sprinkler bodies	--	--	2,744	--	--	--	--	--	29.9
Toilets (water closets)	--	--	112	--	--	--	--	--	2.5
Urinals	--	--	11	--	--	--	--	--	0.2
Water coolers	8.2	--	--	0.2	0.0	0.9	0.9	0.9	0.9
Total	**193**	**206**	**3,173**	**14**	**0.1**	**33**	**27**	**26**	**63**

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: Wyoming

	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	1,376.6	--	--	45.8	0.0	184.7	138.3	1.1
Commercial battery chargers	36.2	--	--	1.1	0.0	4.8	3.6	2.8
Commercial dishwashers	70.8	0.3	0.5	16.0	0.1	25.6	20.7	2.0
Commercial fryers	1.7	1.2	--	55.6	0.4	65.0	10.8	3.1
Commercial ovens	17.4	0.1	--	6.3	0.04	9.0	3.0	6.6
Commercial steam cookers	5.6	0.1	0.1	2.6	0.02	3.6	4.2	0.7
Computer server power supplies	81.9	--	--	3.0	0.0	11.1	8.8	3.0
Electric motors	1,444.5	--	--	47.7	0.0	192.4	155.1	1.3
Faucets	47.6	0.5	1.9	24.9	0.1	33.6	56.1	0.0
Gas fireplaces	--	0.4	--	20.3	0.1	23.7	5.8	1.1
High CRI fluorescent lamps	36.3	--	--	1.8	0.0	5.1	4.0	2.0
Portable electric spas	173.2	--	--	5.7	0.0	23.1	26.6	1.1
Showerheads	105.6	0.9	2.8	43.3	0.3	60.6	91.0	0.0
Spray sprinkler bodies	--	--	46.6	--	--	--	520.6	0.9
Toilets (water closets)	--	--	2.3	--	--	--	52.7	0.0
Urinals	--	--	0.2	--	--	--	4.1	0.0
Water coolers	139.8	--	--	4.5	0.0	18.6	15.0	0.0
Total	**3,537**	**4**	**54**	**279**	**1**	**661**	**1,121**	**–**

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