Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Wisconsin

	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	221.4	--	--	10.2	0.0	22.0	35.0	30.6	24.1
Commercial battery chargers	5.5	--	--	0.3	0.0	0.5	0.6	0.6	0.6
Commercial dishwashers	39.8	171	256	9.6	0.05	13.0	2.6	4.5	12.5
Commercial fryers	1.1	744	--	33.8	0.2	39.5	0.1	0.1	7.8
Commercial ovens	10.6	76	--	4.0	0.02	5.1	1.0	1.2	2.2
Commercial steam cookers	3.4	32	83	1.6	0.01	2.0	0.3	0.4	2.5
Computer server power supplies	15.1	--	--	0.7	0.0	1.5	1.7	1.7	2.0
Electric motors	327.7	--	--	15.1	0.0	32.5	54.5	46.1	43.8
Faucets	33.1	277	1,122	14.1	0.1	17.9	4.0	5.4	32.5
Gas fireplaces	--	209	--	9.5	0.1	11.0	--	--	2.3
High CRI fluorescent lamps	10.4	--	--	0.5	0.0	1.0	1.9	2.0	1.5
Portable electric spas	38.4	--	--	1.8	0.0	3.8	2.6	1.8	7.0
Showerheads	73.5	483	1,675	25.3	0.1	32.8	8.8	11.9	53.8
Spray sprinkler bodies	--	--	3,741	--	--	--	--	--	36.3
Toilets (water closets)	--	--	1,145	--	--	--	--	--	23.9
Urinals	--	--	110	--	--	--	--	--	2.3
Water coolers	34.6	--	--	1.6	0.0	3.4	3.9	3.9	4.7
Total	**814**	**1,993**	**8,132**	**128**	**1**	**186**	**117**	**110**	**260**

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: Wisconsin

	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	4,274.9	--	--	224.6	40.5	490.4	454.5	1.3
Commercial battery chargers	103.0	--	--	5.1	0.7	11.4	10.0	3.3
Commercial dishwashers	718.5	3.1	4.6	176.4	6.2	243.5	226.4	1.9
Commercial fryers	17.7	12.4	--	564.1	3.7	659.4	130.3	3.0
Commercial ovens	176.7	1.3	--	66.8	1.8	87.3	36.5	5.9
Commercial steam cookers	56.6	0.5	1.4	27.3	0.6	34.9	42.9	0.7
Computer server power supplies	294.5	--	--	16.8	4.0	35.6	38.8	2.5
Electric motors	5,845.5	--	--	308.3	57.7	673.2	765.0	1.2
Faucets	562.6	4.9	19.1	251.8	6.5	323.8	563.8	0.0
Gas fireplaces	--	3.9	--	178.8	1.1	208.8	43.5	1.3
High CRI fluorescent lamps	215.9	--	--	15.6	5.5	30.5	29.8	1.8
Portable electric spas	677.7	--	--	35.6	6.6	77.8	122.5	0.9
Showerheads	1,248.9	8.2	28.5	436.7	13.6	576.1	924.9	0.0
Spray sprinkler bodies	--	--	63.6	--	--	--	631.1	1.0
Toilets (water closets)	--	--	23.3	--	--	--	505.6	0.0
Urinals	--	--	1.8	--	--	--	39.3	0.0
Water coolers	587.4	--	--	30.3	5.3	66.6	77.5	0.0
Total	**14,780**	**34**	**142**	**2,338**	**154**	**3,519**	**4,642**	**–**

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