

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: Wisconsin

	Potential annual savings in 2030						Potential annual savings in 2040					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)
Commercial battery chargers	1.8	--	--	0.3	0.1	0.3	6.7	--	--	0.8	0.3	1.0
Commercial dishwashers	5.5	71	98	4.1	0.3	4.5	15.8	202	281	11.1	0.7	13.2
Commercial fryers	0.3	228	--	10.4	0.02	12.1	1.1	782	--	35.6	0.05	41.6
Commercial ovens	3.2	23	--	1.6	0.2	1.7	11.1	80	--	5.0	0.5	6.0
Commercial steam cookers	1.0	10	26	0.6	0.1	0.7	3.6	34	88	2.0	0.2	2.4
Faucets	24.7	163	824	11.5	1.3	12.1	70.6	464	2,352	29.6	3.0	35.5
Gas fireplaces	--	63	--	2.9	--	3.4	--	245	--	11.1	--	13.0
High CRI fluorescent lamps	22.9	--	--	3.9	1.2	3.3	11.1	--	--	1.4	0.5	1.7
Portable electric spas	44.4	--	--	7.5	2.4	6.3	111.1	--	--	13.6	4.8	17.3
Residential ventilating fans	1.7	--	--	0.3	0.1	0.2	6.6	--	--	0.8	0.3	1.0
Server power supplies	37.5	--	--	6.3	2.0	5.4	53.6	--	--	6.6	2.3	8.4
Showerheads	18.4	121	420	8.6	1.0	9.0	52.7	346	1,200	22.1	2.3	26.5
Spray sprinkler bodies	--	--	--	--	--	--	--	--	--	--	--	--
Toilets (water closets)	--	--	205	--	--	--	--	--	766	--	--	--
Urinals	--	--	38	--	--	--	--	--	130	--	--	--
Water coolers	12.9	--	--	2.2	0.7	1.8	36.9	--	--	4.5	1.6	5.7
Total	175	679	1,611	60	9	61	381	2,152	4,816	144	16	173

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Savings estimates for: Wisconsin

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.5	3.3	3.5
Commercial dishwashers	2.8	8.8	76.9	1.0
Commercial fryers	1.6	6.1	36.6	3.5
Commercial ovens	0.5	1.8	4.9	6.4
Commercial steam cookers	0.6	2.4	20.8	0.8
Faucets	19.0	61.1	601.6	0.0
Gas fireplaces	0.5	2.2	18.8	1.5
High CRI fluorescent lamps	2.5	1.3	15.1	1.7
Portable electric spas	6.5	16.6	151.4	0.5
Residential ventilating fans	0.3	1.0	9.4	0.0
Server power supplies	4.0	5.7	48.5	0.9
Showerheads	10.9	34.7	340.4	0.0
Spray sprinkler bodies	0.0	0.0	0.0	#DIV/0!
Toilets (water closets)	3.5	15.1	189.2	0.0
Urinals	0.6	2.6	24.5	0.0
Water coolers	1.4	3.9	37.6	0.0
Total	55	164	1,579	-

Assuming a compliance date of 2027 for all the recommended standards. Net present value savings take into account both utility bill savings and estimated impacts on product costs for items sold between 2027 and 2050. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates 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 bill savings (million 2023\$)
Commercial battery chargers	122	--	--	16.5	5.5	19.4	9.5
Commercial dishwashers	300	3.8	5.3	215.6	14.1	251.0	166.1
Commercial fryers	20	14.1	--	640.8	0.9	748.0	108.2
Commercial ovens	200	1.4	--	92.9	9.2	108.4	31.5
Commercial steam cookers	64	0.6	1.6	36.5	2.9	42.6	42.8
Faucets	1,341	8.8	44.7	585.5	62.8	680.2	1162.2
Gas fireplaces	--	4.5	--	203.5	--	237.6	40.2
High CRI fluorescent lamps	323	--	--	52.7	18.6	53.0	35.6
Portable electric spas	2,179	--	--	305.2	103.2	348.3	316.3
Residential ventilating fans	121	--	--	16.3	5.4	19.2	17.6
Server power supplies	1,153	--	--	165.0	56.1	184.5	119.2
Showerheads	1,001	6.6	22.8	436.6	46.9	507.3	657.4
Spray sprinkler bodies	--	--	0.0	--	--	--	0.0
Toilets (water closets)	--	--	15.6	--	--	--	317.0
Urinals	--	--	2.3	--	--	--	46.7
Water coolers	700	--	--	97.3	32.8	111.8	72.2
Total	7,525	40	92	2,864	358	3,311	3,143

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.