

## Appliance Standards Awareness Project

### 2026 State Appliance Standards Recommendations

#### Annual savings estimates for: Minnesota

	Potential annual savings in 2035							Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Utility bill savings (million 2024\$)	
Commercial & industrial fans	180.6	--	--	5.5	4.0	10.9	16.9	1.3
Commercial battery chargers	3.4	--	--	0.1	0.1	0.2	0.3	3.3
Commercial dishwashers	11.4	146	204	7.0	0.3	8.4	6.6	0.9
Commercial fryers	0.7	472	--	21.4	0.2	25.0	4.7	3.2
Commercial ovens	6.7	49	--	2.4	0.2	3.0	1.2	6.1
Commercial steam cookers	2.2	21	53	1.0	0.1	1.2	1.4	0.7
Computer server power supplies	59.2	--	--	1.8	1.3	3.6	6.6	0.9
Electric motors	247.8	--	--	7.5	5.5	14.9	27.4	1.2
Faucets	36.6	316	1,293	15.4	0.9	18.9	32.9	0.0
Gas fireplaces	--	261	--	11.8	0.1	13.8	2.6	1.5
High CRI fluorescent lamps	19.2	--	--	0.6	0.4	1.2	2.2	1.9
Portable electric spas	50.5	--	--	1.5	1.1	3.0	7.2	1.0
Showerheads	51.5	368	1,234	18.3	1.2	22.6	34.4	0.0
Spray sprinkler bodies	--	--	646	--	--	--	12.2	0.7
Toilets (water closets)	--	--	750	--	--	--	14.2	0.0
Urinals	--	--	72	--	--	--	1.4	0.0
Water coolers	26.6	--	--	0.8	0.6	1.6	3.0	0.0
<b>Total</b>	<b>696</b>	<b>1,632</b>	<b>4,251</b>	<b>95</b>	<b>16</b>	<b>128</b>	<b>175</b>	<b>--</b>

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.

## Cumulative savings estimates for: [Minnesota](#)

	Potential cumulative savings through 2050						
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Utility bill savings (million 2024\$)
Commercial & industrial fans	4,350	--	--	161.0	77.6	303.6	405.0
Commercial battery chargers	103	--	--	3.4	1.5	6.7	9.0
Commercial dishwashers	274	3.5	4.9	168.9	5.7	204.4	164.9
Commercial fryers	18	12.8	--	582.2	4.0	680.1	128.8
Commercial ovens	182	1.3	--	66.0	3.2	81.8	32.6
Commercial steam cookers	59	0.6	1.4	27.3	1.1	33.4	41.6
Computer server power supplies	1,214	--	--	53.1	28.7	95.4	131.2
Electric motors	5,672	--	--	185.9	87.2	366.7	612.1
Faucets	880	7.5	31.0	369.1	17.2	454.1	837.8
Gas fireplaces	--	8.1	--	366.3	2.3	427.6	81.7
High CRI fluorescent lamps	213	--	--	13.8	8.9	22.4	24.6
Portable electric spas	1,101	--	--	40.9	20.2	77.0	155.2
Showerheads	1,235	8.8	29.6	444.8	23.6	551.8	873.6
Spray sprinkler bodies	--	--	15.5	--	--	--	319.5
Toilets (water closets)	--	--	26.0	--	--	--	546.1
Urinals	--	--	2.0	--	--	--	40.7
Water coolers	639	--	--	22.8	10.9	43.5	68.5
<b>Total</b>	<b>15,940</b>	<b>43</b>	<b>110</b>	<b>2,506</b>	<b>292</b>	<b>3,349</b>	<b>4,473</b>

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