

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: [Tennessee](#)

	Potential annual savings in 2035							Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Utility bill savings (million 2024\$)	
Commercial & industrial fans	230.0	--	--	5.3	8.0	19.8	18.1	1.9
Commercial battery chargers	4.1	--	--	0.1	0.1	0.4	0.3	5.5
Commercial dishwashers	14.3	183	254	8.6	0.5	10.9	8.1	1.0
Commercial fryers	0.8	589	--	26.7	0.2	31.2	7.3	2.5
Commercial ovens	8.4	61	--	2.9	0.3	3.9	1.6	6.1
Commercial steam cookers	2.7	26	66	1.2	0.1	1.6	1.7	0.8
Computer server power supplies	39.1	--	--	0.9	1.4	3.4	4.2	1.0
Electric motors	335.7	--	--	7.7	11.7	28.9	32.1	1.5
Faucets	84.3	200	1,580	11.0	3.0	17.8	39.2	0.0
Gas fireplaces	--	248	--	11.2	0.1	13.1	3.6	1.1
High CRI fluorescent lamps	23.2	--	--	0.5	0.8	2.0	2.5	2.2
Portable electric spas	42.0	--	--	1.0	1.5	3.6	4.7	1.9
Showerheads	118.4	187	1,508	11.2	4.2	20.1	41.7	0.0
Spray sprinkler bodies	--	--	4,438	--	--	--	75.7	0.8
Toilets (water closets)	--	--	919	--	--	--	15.7	0.0
Urinals	--	--	90	--	--	--	1.5	0.0
Water coolers	42.2	--	--	1.0	1.5	3.6	4.5	0.0
Total	945	1,492	8,855	89	33	160	263	--

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: **Tennessee**

	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 2024\$)
Commercial & industrial fans	5,681	--	--	117.9	155.5	393.7	492.7
Commercial battery chargers	123	--	--	2.3	2.7	7.8	9.1
Commercial dishwashers	342	4.4	6.1	205.4	10.4	255.0	204.8
Commercial fryers	23	16.0	--	726.0	5.2	848.5	198.4
Commercial ovens	228	1.6	--	79.0	5.9	101.9	45.5
Commercial steam cookers	73	0.7	1.8	32.9	1.9	41.6	50.1
Computer server power supplies	802	--	--	19.9	31.9	64.8	88.4
Electric motors	7,690	--	--	144.9	175.2	496.3	769.5
Faucets	2,023	4.6	37.9	251.0	55.2	383.0	999.3
Gas fireplaces	--	7.7	--	348.4	2.2	406.7	115.1
High CRI fluorescent lamps	258	--	--	9.5	19.7	29.7	27.7
Portable electric spas	917	--	--	19.4	26.7	64.7	104.3
Showerheads	2,841	4.5	36.2	260.7	77.0	430.7	1,062.6
Spray sprinkler bodies	--	--	106.5	--	--	--	1,978.9
Toilets (water closets)	--	--	31.8	--	--	--	602.1
Urinals	--	--	2.5	--	--	--	45.8
Water coolers	1,012	--	--	20.6	27.0	69.0	112.5
Total	22,010	40	223	2,238	597	3,593	6,907

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