

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Georgia

	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	333.7	--	--	7.8	7.2	46.9	26.8	1.8
Commercial battery chargers	6.1	--	--	0.1	0.1	0.9	0.5	4.9
Commercial dishwashers	22.1	282	393	13.3	0.6	18.0	11.9	1.0
Commercial fryers	1.3	911	--	41.3	0.3	48.4	9.7	2.8
Commercial ovens	12.9	94	--	4.5	0.3	6.8	2.3	6.6
Commercial steam cookers	4.1	40	102	1.9	0.1	2.7	2.6	0.8
Computer server power supplies	58.4	--	--	1.4	1.3	8.2	5.8	1.0
Electric motors	479.4	--	--	11.2	10.3	67.4	46.5	1.5
Faucets	105.5	425	2,436	21.7	2.4	37.3	62.7	0.0
Gas fireplaces	--	268	--	12.2	0.1	14.2	5.5	0.7
High CRI fluorescent lamps	32.5	--	--	0.8	0.7	4.6	3.3	2.3
Portable electric spas	43.8	--	--	1.0	0.9	6.2	5.6	1.9
Showerheads	148.2	451	2,325	23.9	3.3	44.7	67.9	0.0
Spray sprinkler bodies	--	--	6,610	--	--	--	112.8	0.8
Toilets (water closets)	--	--	1,417	--	--	--	24.2	0.0
Urinals	--	--	139	--	--	--	2.4	0.0
Water coolers	58.5	--	--	1.4	1.3	8.2	5.8	0.0
Total	1,307	2,469	13,422	143	29	315	396	--

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: Georgia

	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	8,197	--	--	152.4	92.4	962.8	690.2
Commercial battery chargers	181	--	--	3.2	1.9	20.5	13.7
Commercial dishwashers	529	6.8	9.4	316.9	8.0	420.6	300.4
Commercial fryers	35	24.8	--	1,123.0	7.5	1,314.3	265.8
Commercial ovens	352	2.5	--	121.7	4.5	175.2	62.6
Commercial steam cookers	113	1.1	2.8	50.8	1.5	69.9	74.6
Computer server power supplies	1,198	--	--	24.1	15.7	151.0	120.3
Electric motors	10,980	--	--	199.8	121.5	1,263.8	1,078.9
Faucets	2,532	9.9	58.4	497.5	31.7	823.1	1,589.5
Gas fireplaces	--	8.3	--	376.8	2.4	439.9	173.8
High CRI fluorescent lamps	362	--	--	9.1	6.9	55.4	36.7
Portable electric spas	955	--	--	18.1	11.3	114.0	120.8
Showerheads	3,556	10.8	55.8	556.6	43.7	990.1	1,711.8
Spray sprinkler bodies	--	--	158.6	--	--	--	2,947.2
Toilets (water closets)	--	--	49.0	--	--	--	928.4
Urinals	--	--	3.8	--	--	--	70.8
Water coolers	1,403	--	--	26.2	16.0	164.9	142.0
Total	30,393	64	338	3,476	365	6,966	10,328

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