

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: Georgia

	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	2.8	--	--	0.1	0.2	0.5	10.4	--	--	0.2	0.7	1.8
Commercial dishwashers	10.3	132	184	6.2	0.6	8.9	29.5	377	525	17.7	2.0	25.0
Commercial fryers	0.6	426	--	19.3	0.04	22.6	2.1	1,459	--	66.2	0.1	77.6
Commercial ovens	6.1	44	--	2.1	0.4	3.4	20.7	150	--	7.2	1.4	11.5
Commercial steam cookers	1.9	18	48	0.9	0.1	1.3	6.7	63	164	3.0	0.5	4.5
Faucets	65.2	199	1,499	10.4	3.9	22.5	186.4	568	4,279	29.3	12.9	61.9
Gas fireplaces	--	125	--	5.7	--	6.6	--	483	--	21.9	--	25.5
High CRI fluorescent lamps	29.2	--	--	0.6	1.7	5.4	14.9	--	--	0.3	1.0	2.5
Portable electric spas	39.6	--	--	0.8	2.3	7.3	99.0	--	--	1.9	6.8	16.9
Residential ventilating fans	2.8	--	--	0.1	0.2	0.5	10.8	--	--	0.2	0.7	1.8
Server power supplies	41.3	--	--	0.9	2.4	7.6	58.9	--	--	1.1	4.1	10.1
Showerheads	48.7	148	764	7.7	2.9	16.8	139.1	423	2,183	21.8	9.6	46.2
Spray sprinkler bodies	--	--	3,084	--	--	--	--	--	8,813	--	--	--
Toilets (water closets)	--	--	376	--	--	--	--	--	1,403	--	--	--
Urinals	--	--	71	--	--	--	--	--	242	--	--	--
Water coolers	27.3	--	--	0.6	1.6	5.0	78.0	--	--	1.5	5.4	13.3
Total	276	1,092	6,026	55	16	108	656	3,523	17,607	172	45	299

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: Georgia

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.2	0.8	4.1	4.3
Commercial dishwashers	5.1	16.3	142.9	1.0
Commercial fryers	4.3	15.9	110.5	2.5
Commercial ovens	1.0	3.7	12.3	5.9
Commercial steam cookers	1.1	4.2	37.1	0.8
Faucets	33.9	109.1	1,075.4	0.0
Gas fireplaces	2.1	8.7	79.7	0.8
High CRI fluorescent lamps	2.8	1.6	16.9	1.9
Portable electric spas	4.6	12.3	104.3	1.0
Residential ventilating fans	0.3	1.3	12.8	0.0
Server power supplies	3.9	5.9	48.9	1.0
Showerheads	19.8	63.5	624.6	0.0
Spray sprinkler bodies	47.5	156.3	1,420.6	0.8
Toilets (water closets)	5.8	24.9	311.7	0.0
Urinals	1.1	4.3	41.1	0.0
Water coolers	2.6	7.8	74.8	0.0
Total	136	437	4,118	-

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: 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 2023\$)
Commercial battery chargers	192	--	--	3.5	11.7	30.0	13.9
Commercial dishwashers	560	7.2	10.0	335.0	34.6	467.4	309.0
Commercial fryers	37	26.3	--	1191.2	2.3	1395.6	282.3
Commercial ovens	373	2.7	--	129.2	23.0	201.5	65.0
Commercial steam cookers	120	1.1	2.9	53.9	7.4	79.2	76.8
Faucets	3,541	10.8	81.3	554.9	218.7	1130.4	2077.9
Gas fireplaces	--	8.9	--	401.1	--	468.3	158.5
High CRI fluorescent lamps	420	--	--	9.1	27.4	70.9	42.4
Portable electric spas	1,941	--	--	36.3	120.1	307.3	234.8
Residential ventilating fans	197	--	--	3.6	12.1	30.8	23.9
Server power supplies	1,267	--	--	24.3	78.9	202.7	123.1
Showerheads	2,643	8.0	41.5	413.4	163.3	842.8	1206.5
Spray sprinkler bodies	--	--	167.4	--	--	--	3000.9
Toilets (water closets)	--	--	28.6	--	--	--	522.7
Urinals	--	--	4.4	--	--	--	78.5
Water coolers	1,481	--	--	27.5	91.5	234.0	144.1
Total	12,773	65	336	3,183	791	5,461	8,360

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.