Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Georgia

	Potential annual savings in 2040								
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO_x (tons)	SO_2 (tons)	CO_2 (thousand metric tons)	Summer peak demand (MW)	Winter peak demand (MW)	Utility bills (million 2025$)
Commercial & industrial fans	397.6	--	--	13.8	13.5	66.1	66.4	54.2	37.6
Commercial battery chargers	8.8	--	--	0.3	0.3	1.5	1.0	1.0	0.8
Commercial dishwashers	74.6	321	480	17.2	2.6	29.4	8.2	7.6	21.3
Commercial fryers	2.0	1,396	--	63.3	0.5	74.2	0.3	0.4	17.3
Commercial ovens	19.8	143	--	7.2	0.7	10.9	3.4	4.4	4.0
Commercial steam cookers	6.4	61	156	3.0	0.2	4.3	1.1	1.4	4.4
Computer server power supplies	18.8	--	--	0.7	0.6	3.1	2.1	2.1	2.1
Electric motors	630.5	--	--	21.8	21.5	104.9	107.8	85.5	68.5
Faucets	90.5	387	2,115	20.7	3.2	35.5	12.6	23.3	59.5
Gas fireplaces	--	411	--	18.6	0.1	21.8	--	--	9.3
High CRI fluorescent lamps	15.2	--	--	0.5	0.5	2.5	2.5	2.1	1.8
Portable electric spas	32.7	--	--	1.1	1.1	5.4	2.4	2.6	4.4
Showerheads	201.0	613	3,158	34.7	7.0	65.8	27.9	51.8	100.2
Spray sprinkler bodies	--	--	16,296	--	--	--	--	--	129.0
Toilets (water closets)	--	--	2,156	--	--	--	--	--	40.6
Urinals	--	--	206	--	--	--	--	--	3.9
Water coolers	83.2	--	--	2.9	2.8	13.8	9.5	9.5	9.3
Total	**1,581**	**3,333**	**24,566**	**206**	**55**	**439**	**245**	**246**	**514**

Assuming a compliance date of 2029 for all the products. We have not estimated savings for commercial hot-food holding cabinets, computers and computer monitors, or residential ventilating fans due to insufficient data on the current market.

Cumulative savings estimates through 2050 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 bills (million 2025$)	Payback period (years)
Commercial & industrial fans	7,709.5	--	--	262.2	268.7	1,554.1	740.6	1.6
Commercial battery chargers	163.5	--	--	5.5	5.1	32.6	14.2	4.2
Commercial dishwashers	1,347.8	5.8	8.7	308.9	44.3	575.8	392.3	2.0
Commercial fryers	33.1	23.3	--	1,057.5	7.9	1,239.8	286.8	2.4
Commercial ovens	331.4	2.4	--	119.8	11.8	192.8	66.7	5.7
Commercial steam cookers	106.2	1.0	2.6	49.5	3.9	74.7	74.9	0.8
Computer server power supplies	366.2	--	--	12.6	15.5	75.2	41.3	2.7
Electric motors	11,243.1	--	--	384.6	434.7	2,269.1	1,231.0	1.3
Faucets	1,538.9	7.0	36.1	368.5	57.9	677.4	1,036.2	0.0
Gas fireplaces	--	7.8	--	352.5	2.2	411.5	176.4	0.7
High CRI fluorescent lamps	313.9	--	--	11.3	20.3	67.6	35.8	2.0
Portable electric spas	576.2	--	--	19.7	22.0	116.1	77.9	1.6
Showerheads	3,416.4	10.4	53.7	588.5	127.1	1,235.9	1,731.1	0.0
Spray sprinkler bodies	--	--	277.0	--	--	--	2,243.4	1.3
Toilets (water closets)	--	--	43.8	--	--	--	857.9	0.0
Urinals	--	--	3.4	--	--	--	66.4	0.0
Water coolers	1,413.9	--	--	48.2	51.4	283.4	160.2	0.0
Total	**28,560**	**58**	**425**	**3,589**	**1,073**	**8,806**	**9,233**	**–**

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