

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Alabama

	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	242.8	--	--	5.7	5.7	32.4	19.6	1.5
Commercial battery chargers	4.9	--	--	0.1	0.1	0.6	0.4	3.9
Commercial dishwashers	10.2	130	181	6.1	0.3	8.2	6.5	0.9
Commercial fryers	0.6	420	--	19.0	0.1	22.3	7.0	1.8
Commercial ovens	6.0	43	--	2.1	0.2	3.1	1.4	4.9
Commercial steam cookers	1.9	18	47	0.9	0.05	1.2	1.3	0.7
Computer server power supplies	24.5	--	--	0.6	0.6	3.3	3.0	0.9
Electric motors	277.9	--	--	6.5	6.5	37.0	28.3	1.4
Faucets	59.5	150	1,139	8.2	1.4	15.9	30.7	0.0
Gas fireplaces	--	140	--	6.3	0.04	7.4	3.2	0.7
High CRI fluorescent lamps	14.7	--	--	0.3	0.3	2.0	1.8	1.9
Portable electric spas	24.0	--	--	0.6	0.6	3.2	3.3	1.7
Showerheads	83.5	143	1,087	8.4	2.0	18.7	33.2	0.0
Spray sprinkler bodies	--	--	2,723	--	--	--	46.5	0.8
Toilets (water closets)	--	--	662	--	--	--	11.3	0.0
Urinals	--	--	64	--	--	--	1.1	0.0
Water coolers	26.4	--	--	0.6	0.6	3.5	3.2	0.0
Total	777	1,044	5,904	65	18	159	202	--

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: [Alabama](#)

	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	5,688	--	--	108.8	78.9	638.8	489.5
Commercial battery chargers	147	--	--	2.6	1.7	15.7	11.2
Commercial dishwashers	244	3.1	4.4	146.2	4.2	192.4	162.4
Commercial fryers	16	11.4	--	518.1	3.5	606.2	189.7
Commercial ovens	162	1.2	--	56.2	2.4	79.7	39.4
Commercial steam cookers	52	0.5	1.3	23.4	0.8	31.9	38.5
Computer server power supplies	502	--	--	10.4	8.4	60.3	61.8
Electric motors	6,346	--	--	116.1	80.2	688.1	659.4
Faucets	1,428	3.5	27.3	184.4	20.2	342.3	775.3
Gas fireplaces	--	4.3	--	196.1	1.3	228.9	102.4
High CRI fluorescent lamps	165	--	--	4.4	4.4	24.4	20.0
Portable electric spas	523	--	--	10.1	7.4	59.0	70.9
Showerheads	2,005	3.4	26.1	193.5	27.9	404.1	837.3
Spray sprinkler bodies	--	--	65.4	--	--	--	1,214.4
Toilets (water closets)	--	--	22.9	--	--	--	433.8
Urinals	--	--	1.7	--	--	--	32.7
Water coolers	634	--	--	12.0	8.5	70.4	78.6
Total	17,912	27	149	1,582	250	3,442	5,217

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