Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Mississippi

	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	145.1	--	--	6.4	1.6	23.7	22.4	18.7	14.3
Commercial battery chargers	3.7	--	--	0.2	0.04	0.6	0.4	0.4	0.3
Commercial dishwashers	19.6	85	126	4.7	0.2	7.7	1.7	2.8	6.7
Commercial fryers	0.5	367	--	16.7	0.1	19.5	0.1	0.1	7.0
Commercial ovens	5.2	38	--	1.9	0.1	2.9	0.8	1.1	1.4
Commercial steam cookers	1.7	16	41	0.8	0.02	1.1	0.2	0.4	1.3
Computer server power supplies	5.1	--	--	0.2	0.1	0.8	0.6	0.6	0.7
Electric motors	196.7	--	--	8.7	2.2	32.1	32.2	25.9	22.8
Faucets	25.9	98	574	5.6	0.3	9.4	3.4	6.7	16.2
Gas fireplaces	--	136	--	6.2	0.04	7.2	--	--	2.5
High CRI fluorescent lamps	4.2	--	--	0.2	0.05	0.7	0.8	0.5	0.6
Portable electric spas	15.5	--	--	0.7	0.2	2.5	1.1	1.2	2.1
Showerheads	57.4	152	857	9.4	0.7	17.5	7.5	14.8	26.8
Spray sprinkler bodies	--	--	7,182	--	--	--	--	--	56.9
Toilets (water closets)	--	--	582	--	--	--	--	--	11.0
Urinals	--	--	54	--	--	--	--	--	1.0
Water coolers	20.9	--	--	0.9	0.2	3.4	2.4	2.4	2.9
Total	**502**	**893**	**9,417**	**63**	**6**	**129**	**74**	**76**	**174**

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: Mississippi

	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	2,798.7	--	--	126.1	80.2	555.2	276.5	1.4
Commercial battery chargers	69.2	--	--	3.0	1.6	13.5	6.0	3.6
Commercial dishwashers	354.8	1.5	2.3	84.9	8.8	150.2	121.9	1.8
Commercial fryers	8.7	6.1	--	278.4	2.0	326.3	117.1	1.8
Commercial ovens	87.2	0.6	--	32.4	2.4	50.4	23.8	4.7
Commercial steam cookers	28.0	0.3	0.7	13.3	0.8	19.6	22.2	0.7
Computer server power supplies	99.3	--	--	4.6	3.6	20.1	13.5	2.4
Electric motors	3,510.0	--	--	158.6	107.4	694.8	406.0	1.3
Faucets	439.8	1.8	9.8	99.8	12.8	180.0	281.1	0.0
Gas fireplaces	--	2.6	--	116.8	0.7	136.4	47.4	0.8
High CRI fluorescent lamps	86.2	--	--	4.5	5.2	18.4	11.6	1.8
Portable electric spas	273.1	--	--	12.3	8.2	54.0	37.3	1.8
Showerheads	976.4	2.6	14.6	161.2	28.0	329.1	461.7	0.0
Spray sprinkler bodies	--	--	122.1	--	--	--	988.8	1.3
Toilets (water closets)	--	--	11.8	--	--	--	231.9	0.0
Urinals	--	--	0.9	--	--	--	17.5	0.0
Water coolers	355.4	--	--	15.9	9.9	69.9	48.6	0.0
Total	**9,087**	**15**	**162**	**1,112**	**272**	**2,618**	**3,113**	**–**

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.