

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: [Mississippi](#)

	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	1.2	--	--	0.1	0.1	0.3	4.4	--	--	0.1	0.2	0.8
Commercial dishwashers	2.7	35	49	1.7	0.2	2.5	7.9	100	140	4.8	0.4	6.7
Commercial fryers	0.2	113	--	5.2	0.01	6.0	0.6	389	--	17.6	0.03	20.7
Commercial ovens	1.6	12	--	0.6	0.1	1.0	5.5	40	--	2.0	0.3	3.1
Commercial steam cookers	0.5	5	13	0.3	0.0	0.4	1.8	17	44	0.8	0.1	1.2
Faucets	18.8	50	410	3.3	1.3	6.7	53.7	142	1,170	8.0	2.6	16.9
Gas fireplaces	--	41	--	1.9	--	2.2	--	160	--	7.2	--	8.5
High CRI fluorescent lamps	8.2	--	--	0.5	0.6	1.8	4.2	--	--	0.1	0.2	0.7
Portable electric spas	9.9	--	--	0.6	0.7	2.1	24.8	--	--	0.7	1.2	4.3
Residential ventilating fans	0.8	--	--	0.0	0.1	0.2	3.1	--	--	0.1	0.1	0.5
Server power supplies	10.8	--	--	0.6	0.7	2.4	15.5	--	--	0.4	0.7	2.7
Showerheads	14.0	37	209	2.5	1.0	5.0	40.0	106	597	6.0	1.9	12.6
Spray sprinkler bodies	--	--	1,780	--	--	--	--	--	5,086	--	--	--
Toilets (water closets)	--	--	102	--	--	--	--	--	381	--	--	--
Urinals	--	--	19	--	--	--	--	--	65	--	--	--
Water coolers	7.8	--	--	0.4	0.5	1.7	22.2	--	--	0.6	1.1	3.9
Total	77	294	2,581	18	5	32	184	955	7,481	49	9	83

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: Mississippi

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.3	1.8	4.3
Commercial dishwashers	1.4	4.5	39.4	0.9
Commercial fryers	1.2	4.5	31.9	2.4
Commercial ovens	0.3	1.1	4.0	5.8
Commercial steam cookers	0.3	1.2	10.2	0.8
Faucets	9.0	29.3	288.6	0.0
Gas fireplaces	0.5	2.3	21.0	1.0
High CRI fluorescent lamps	0.8	0.5	5.0	1.9
Portable electric spas	1.1	3.0	25.3	1.1
Residential ventilating fans	0.1	0.4	3.6	0.0
Server power supplies	1.1	1.7	14.1	1.0
Showerheads	5.2	17.0	166.7	0.0
Spray sprinkler bodies	27.4	90.2	819.8	0.8
Toilets (water closets)	1.6	6.8	84.8	0.0
Urinals	0.3	1.1	11.0	0.0
Water coolers	0.8	2.4	23.1	0.0
Total	51	166	1,550	-

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: **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 bill savings (million 2023\$)
Commercial battery chargers	81	--	--	2.6	4.1	14.0	5.4
Commercial dishwashers	149	1.9	2.7	91.4	7.6	127.0	84.9
Commercial fryers	10	7.0	--	317.6	0.5	372.2	79.8
Commercial ovens	100	0.7	--	35.8	5.0	55.3	18.7
Commercial steam cookers	32	0.3	0.8	14.8	1.6	21.6	20.9
Faucets	1,019	2.7	22.2	155.8	51.6	321.1	557.8
Gas fireplaces	--	2.9	--	132.9	--	155.2	42.4
High CRI fluorescent lamps	118	--	--	4.8	7.0	22.7	12.4
Portable electric spas	486	--	--	16.0	24.8	85.2	57.4
Residential ventilating fans	56	--	--	1.8	2.8	9.6	6.7
Server power supplies	333	--	--	11.4	17.5	59.2	35.0
Showerheads	761	2.0	11.3	116.1	38.5	239.4	322.2
Spray sprinkler bodies	--	--	96.6	--	--	--	1731.7
Toilets (water closets)	--	--	7.8	--	--	--	142.0
Urinals	--	--	1.2	--	--	--	20.9
Water coolers	421	--	--	13.7	21.3	73.5	44.6
Total	3,567	18	143	915	182	1,556	3,183

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.