Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Arkansas

	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	170.5	--	--	8.5	0.0	25.7	24.5	21.0	15.0
Commercial battery chargers	4.7	--	--	0.2	0.0	0.7	0.5	0.5	0.4
Commercial dishwashers	20.6	89	132	5.0	0.03	7.8	1.7	3.1	6.5
Commercial fryers	0.5	386	--	17.5	0.1	20.5	0.1	0.1	6.4
Commercial ovens	5.5	40	--	2.1	0.01	2.9	0.8	1.1	1.3
Commercial steam cookers	1.8	17	43	0.8	0.005	1.2	0.3	0.4	1.3
Computer server power supplies	4.3	--	--	0.2	0.0	0.6	0.5	0.5	0.5
Electric motors	208.6	--	--	10.3	0.0	31.5	32.4	26.3	21.8
Faucets	24.6	113	597	6.3	0.03	9.7	3.3	6.1	16.7
Gas fireplaces	--	147	--	6.6	0.04	7.8	--	--	2.8
High CRI fluorescent lamps	3.3	--	--	0.2	0.0	0.5	0.5	0.4	0.4
Portable electric spas	8.3	--	--	0.4	0.0	1.3	0.6	0.6	1.1
Showerheads	54.6	183	891	11.0	0.1	17.9	7.2	13.6	27.8
Spray sprinkler bodies	--	--	6,221	--	--	--	--	--	49.2
Toilets (water closets)	--	--	606	--	--	--	--	--	11.4
Urinals	--	--	57	--	--	--	--	--	1.1
Water coolers	17.4	--	--	0.9	0.0	2.6	2.0	2.0	2.1
Total	**525**	**973**	**8,548**	**70**	**0.3**	**131**	**74**	**76**	**166**

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: Arkansas

	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	3,278.0	--	--	172.8	3.9	580.2	289.0	1.4
Commercial battery chargers	88.6	--	--	4.5	0.1	15.5	7.2	3.4
Commercial dishwashers	372.3	1.6	2.4	91.6	0.8	149.8	118.8	2.0
Commercial fryers	9.2	6.4	--	292.3	1.9	342.2	107.4	2.2
Commercial ovens	91.5	0.7	--	34.7	0.3	51.0	22.1	5.7
Commercial steam cookers	29.3	0.3	0.7	14.2	0.1	19.9	22.2	0.8
Computer server power supplies	83.8	--	--	4.7	0.1	15.1	10.2	2.8
Electric motors	3,723.2	--	--	196.0	4.2	656.1	388.8	1.5
Faucets	418.5	2.0	10.2	113.6	1.0	180.7	290.2	0.0
Gas fireplaces	--	2.8	--	125.7	0.8	146.7	52.9	0.8
High CRI fluorescent lamps	65.9	--	--	4.3	0.2	12.4	8.2	2.2
Portable electric spas	147.1	--	--	7.7	0.2	25.9	20.2	1.7
Showerheads	929.0	3.1	15.1	188.9	1.8	327.0	478.6	0.0
Spray sprinkler bodies	--	--	105.8	--	--	--	856.5	1.3
Toilets (water closets)	--	--	12.3	--	--	--	241.4	0.0
Urinals	--	--	0.9	--	--	--	18.3	0.0
Water coolers	295.7	--	--	15.3	0.3	51.8	36.2	0.0
Total	**9,532**	**17**	**147**	**1,266**	**16**	**2,574**	**2,968**	**–**

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.