

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Oklahoma

	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	186.2	--	--	11.9	0.04	23.3	14.1	1.7
Commercial battery chargers	3.6	--	--	0.2	0.001	0.4	0.3	4.5
Commercial dishwashers	8.1	103	144	5.2	0.03	6.5	4.2	1.0
Commercial fryers	0.5	334	--	15.1	0.1	17.7	3.2	3.1
Commercial ovens	4.7	34	--	1.9	0.01	2.4	0.8	7.0
Commercial steam cookers	1.5	15	37	0.8	0.005	1.0	0.9	0.8
Computer server power supplies	29.7	--	--	1.9	0.01	3.7	2.9	1.1
Electric motors	231.6	--	--	14.8	0.1	29.0	21.1	1.5
Faucets	29.5	201	897	11.0	0.1	14.3	21.5	0.0
Gas fireplaces	--	116	--	5.2	0.03	6.1	1.4	1.1
High CRI fluorescent lamps	13.3	--	--	0.9	0.003	1.7	1.3	2.4
Portable electric spas	27.8	--	--	1.8	0.01	3.5	3.6	1.8
Showerheads	41.4	228	857	13.0	0.1	17.3	22.8	0.0
Spray sprinkler bodies	--	--	3,219	--	--	--	54.9	0.8
Toilets (water closets)	--	--	522	--	--	--	8.9	0.0
Urinals	--	--	51	--	--	--	0.9	0.0
Water coolers	26.2	--	--	1.7	0.01	3.3	2.5	0.0
Total	604	1,030	5,727	85	1	130	165	--

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: **Oklahoma**

	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	4,463	--	--	240.7	10.6	457.7	355.2
Commercial battery chargers	107	--	--	5.3	0.2	10.4	7.8
Commercial dishwashers	194	2.5	3.5	122.8	1.2	150.9	106.7
Commercial fryers	13	9.1	--	411.8	2.7	481.2	87.7
Commercial ovens	129	0.9	--	48.9	0.6	62.1	21.5
Commercial steam cookers	41	0.4	1.0	20.0	0.2	24.9	26.8
Computer server power supplies	609	--	--	36.9	1.6	67.4	59.2
Electric motors	5,293	--	--	269.8	10.9	523.6	493.9
Faucets	708	4.7	21.5	251.6	3.0	321.5	549.9
Gas fireplaces	--	3.6	--	162.5	1.0	189.7	45.7
High CRI fluorescent lamps	148	--	--	12.2	0.5	20.4	14.9
Portable electric spas	607	--	--	33.2	1.4	62.6	79.5
Showerheads	995	5.5	20.6	301.3	3.9	390.7	581.8
Spray sprinkler bodies	--	--	77.3	--	--	--	1,435.5
Toilets (water closets)	--	--	18.1	--	--	--	341.9
Urinals	--	--	1.4	--	--	--	25.9
Water coolers	629	--	--	33.4	1.4	63.7	61.3
Total	13,937	27	143	1,950	39	2,827	4,295

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