

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: **Kansas**

	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	111.1	--	--	5.2	10.4	13.6	10.5	1.5
Commercial battery chargers	2.0	--	--	0.1	0.2	0.3	0.2	3.9
Commercial dishwashers	5.9	75	104	3.7	0.6	4.7	3.5	0.9
Commercial fryers	0.3	242	--	11.0	0.1	12.8	2.9	2.7
Commercial ovens	3.4	25	--	1.3	0.3	1.7	0.7	5.8
Commercial steam cookers	1.1	11	27	0.5	0.1	0.7	0.8	0.7
Computer server power supplies	41.1	--	--	1.9	3.9	5.0	4.7	0.9
Electric motors	152.9	--	--	7.1	14.4	18.8	17.2	1.2
Faucets	17.1	170	663	8.5	1.7	11.1	17.1	0.0
Gas fireplaces	--	86	--	3.9	0.02	4.6	1.0	1.2
High CRI fluorescent lamps	13.0	--	--	0.6	1.2	1.6	1.5	1.9
Portable electric spas	9.5	--	--	0.4	0.9	1.2	1.4	1.3
Showerheads	24.0	201	633	10.2	2.3	13.6	18.0	0.0
Spray sprinkler bodies	--	--	1,361	--	--	--	25.8	0.7
Toilets (water closets)	--	--	385	--	--	--	7.3	0.0
Urinals	--	--	37	--	--	--	0.7	0.0
Water coolers	18.6	--	--	0.9	1.8	2.3	2.1	0.0
Total	400	809	3,211	55	38	92	115	--

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: **Kansas**

	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	2,713	--	--	95.4	91.2	244.6	268.7
Commercial battery chargers	61	--	--	2.0	1.7	5.1	5.5
Commercial dishwashers	141	1.8	2.5	86.5	5.2	107.8	89.4
Commercial fryers	9	6.6	--	298.5	2.2	348.9	79.0
Commercial ovens	94	0.7	--	33.8	3.0	43.8	18.9
Commercial steam cookers	30	0.3	0.7	14.0	1.0	17.7	22.2
Computer server power supplies	844	--	--	33.3	38.0	85.0	98.3
Electric motors	3,501	--	--	119.1	110.8	304.8	401.7
Faucets	410	4.0	15.9	196.5	14.9	249.4	438.3
Gas fireplaces	--	2.7	--	121.4	0.8	141.7	31.9
High CRI fluorescent lamps	142	--	--	7.6	11.8	19.2	17.0
Portable electric spas	208	--	--	7.5	7.5	19.2	31.8
Showerheads	576	4.8	15.2	238.2	20.6	306.2	458.5
Spray sprinkler bodies	--	--	32.7	--	--	--	673.8
Toilets (water closets)	--	--	13.3	--	--	--	280.3
Urinals	--	--	1.0	--	--	--	20.9
Water coolers	447	--	--	15.6	14.9	40.0	52.2
Total	9,177	21	81	1,269	324	1,933	2,988

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