

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: Louisiana

	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	293.8	--	--	19.2	0.1	69.0	21.3	1.6
Commercial battery chargers	6.0	--	--	0.4	0.002	1.4	0.4	4.2
Commercial dishwashers	9.1	116	162	5.9	0.04	8.3	5.0	1.0
Commercial fryers	0.5	374	--	17.0	0.1	19.9	4.1	2.7
Commercial ovens	5.3	39	--	2.1	0.01	3.3	1.0	6.3
Commercial steam cookers	1.7	16	42	0.8	0.01	1.3	1.1	0.8
Computer server power supplies	33.4	--	--	2.2	0.01	7.8	3.6	1.0
Electric motors	309.5	--	--	20.3	0.1	72.7	27.7	1.6
Faucets	48.1	170	1,052	10.8	0.1	20.3	26.2	0.0
Gas fireplaces	--	68	--	3.1	0.02	3.6	1.0	0.9
High CRI fluorescent lamps	15.0	--	--	1.0	0.005	3.5	1.7	2.2
Portable electric spas	15.3	--	--	1.0	0.005	3.6	1.9	2.2
Showerheads	67.5	178	1,005	12.5	0.1	25.3	28.1	0.0
Spray sprinkler bodies	--	--	6,537	--	--	--	111.6	0.8
Toilets (water closets)	--	--	610	--	--	--	10.4	0.0
Urinals	--	--	57	--	--	--	1.0	0.0
Water coolers	27.8	--	--	1.8	0.01	6.5	3.0	0.0
Total	833	961	9,464	98	1	247	249	--

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: Louisiana

	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	6,810	--	--	292.1	15.5	967.9	512.3
Commercial battery chargers	182	--	--	7.1	0.4	23.7	12.3
Commercial dishwashers	218	2.8	3.9	135.3	1.3	177.8	126.0
Commercial fryers	15	10.2	--	462.1	3.0	540.8	112.4
Commercial ovens	145	1.0	--	53.2	0.6	74.9	27.2
Commercial steam cookers	46	0.4	1.1	21.9	0.2	29.7	31.2
Computer server power supplies	684	--	--	32.6	1.6	105.8	74.3
Electric motors	7,058	--	--	285.6	15.2	970.0	633.1
Faucets	1,154	4.0	25.2	227.8	3.7	370.6	665.2
Gas fireplaces	--	2.1	--	95.5	0.6	111.5	31.9
High CRI fluorescent lamps	167	--	--	11.0	0.4	34.1	18.2
Portable electric spas	335	--	--	14.4	0.7	48.0	40.8
Showerheads	1,620	4.3	24.1	261.6	4.9	452.3	709.9
Spray sprinkler bodies	--	--	156.9	--	--	--	2,914.8
Toilets (water closets)	--	--	21.1	--	--	--	399.9
Urinals	--	--	1.6	--	--	--	29.1
Water coolers	667	--	--	27.9	1.5	93.0	72.7
Total	19,098	25	234	1,928	50	4,000	6,411

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