Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Louisiana

	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	330.3	--	--	16.2	0.0	55.0	45.1	40.3	27.9
Commercial battery chargers	9.1	--	--	0.4	0.0	1.5	1.0	1.0	0.7
Commercial dishwashers	30.7	132	197	7.5	0.04	12.1	4.1	3.5	10.1
Commercial fryers	0.8	574	--	26.1	0.2	30.5	0.2	0.2	11.1
Commercial ovens	8.2	59	--	3.1	0.02	4.5	1.7	1.8	2.2
Commercial steam cookers	2.6	25	64	1.3	0.01	1.8	0.5	0.6	2.0
Computer server power supplies	8.6	--	--	0.4	0.0	1.4	1.0	1.0	1.1
Electric motors	389.5	--	--	19.1	0.0	64.8	57.0	48.5	39.3
Faucets	40.6	153	900	8.9	0.04	14.9	4.4	11.0	25.0
Gas fireplaces	--	104	--	4.7	0.03	5.5	--	--	1.8
High CRI fluorescent lamps	6.1	--	--	0.3	0.0	1.0	0.6	0.8	0.8
Portable electric spas	12.7	--	--	0.6	0.0	2.1	0.9	1.0	1.7
Showerheads	90.2	239	1,344	15.2	0.1	27.6	9.9	24.4	41.3
Spray sprinkler bodies	--	--	13,939	--	--	--	--	--	110.3
Toilets (water closets)	--	--	912	--	--	--	--	--	17.2
Urinals	--	--	85	--	--	--	--	--	1.6
Water coolers	34.9	--	--	1.7	0.0	5.8	4.0	4.0	4.4
Total	**964**	**1,286**	**17,441**	**106**	**0.4**	**229**	**131**	**138**	**298**

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: 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 bills (million 2025$)	Payback period (years)
Commercial & industrial fans	6,349.8	--	--	330.4	9.0	1,239.8	537.3	1.5
Commercial battery chargers	170.4	--	--	8.5	0.2	32.9	12.9	3.7
Commercial dishwashers	554.2	2.4	3.6	136.1	1.2	233.2	185.4	1.9
Commercial fryers	13.6	9.6	--	435.1	2.8	509.7	187.5	1.9
Commercial ovens	136.3	1.0	--	51.5	0.4	78.4	36.2	5.2
Commercial steam cookers	43.7	0.4	1.1	21.1	0.2	30.4	34.3	0.7
Computer server power supplies	168.3	--	--	9.2	0.4	33.4	21.1	2.8
Electric motors	6,955.4	--	--	361.5	9.6	1,351.5	700.4	1.5
Faucets	690.5	2.8	15.3	160.7	1.6	279.8	435.7	0.0
Gas fireplaces	--	2.0	--	89.3	0.6	104.3	34.0	0.8
High CRI fluorescent lamps	125.2	--	--	8.1	0.6	25.9	15.7	2.1
Portable electric spas	224.0	--	--	11.6	0.3	43.5	29.6	2.2
Showerheads	1,532.8	4.1	22.8	262.4	3.0	510.9	712.1	0.0
Spray sprinkler bodies	--	--	237.0	--	--	--	1,918.9	1.3
Toilets (water closets)	--	--	18.6	--	--	--	363.5	0.0
Urinals	--	--	1.4	--	--	--	27.3	0.0
Water coolers	593.9	--	--	30.4	0.7	114.8	74.6	0.0
Total	**17,558**	**22**	**300**	**1,916**	**31**	**4,588**	**5,327**	**–**

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.