Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Florida

	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	459.2	--	--	28.9	0.7	88.8	88.4	54.3	58.7
Commercial battery chargers	7.6	--	--	0.5	0.01	1.5	0.9	0.9	0.9
Commercial dishwashers	155.9	672	1,003	40.3	0.4	65.7	10.7	23.5	50.6
Commercial fryers	4.1	2,918	--	132.5	0.9	155.2	0.5	0.8	47.1
Commercial ovens	41.5	300	--	16.2	0.2	23.9	5.4	8.0	10.4
Commercial steam cookers	13.3	127	327	6.6	0.1	9.3	1.7	2.5	10.0
Computer server power supplies	33.0	--	--	2.1	0.1	6.4	3.8	3.8	4.4
Electric motors	1,000.8	--	--	62.9	1.6	193.5	174.5	116.2	137.9
Faucets	287.9	417	4,648	37.0	0.6	77.7	37.8	66.3	140.4
Gas fireplaces	--	99	--	4.5	0.03	5.3	--	--	2.8
High CRI fluorescent lamps	28.3	--	--	1.8	0.04	5.5	4.7	4.3	3.9
Portable electric spas	145.3	--	--	9.1	0.2	28.1	9.2	8.6	22.2
Showerheads	639.1	409	6,946	58.7	1.1	145.2	83.8	147.2	239.9
Spray sprinkler bodies	--	--	41,465	--	--	--	--	--	328.2
Toilets (water closets)	--	--	4,704	--	--	--	--	--	88.5
Urinals	--	--	430	--	--	--	--	--	8.1
Water coolers	146.1	--	--	9.2	0.2	28.2	16.7	16.7	19.7
Total	**2,962**	**4,942**	**59,522**	**410**	**6**	**834**	**438**	**453**	**1,174**

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: Florida

	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	8,980.6	--	--	703.7	18.2	1,922.0	1,135.4	1.8
Commercial battery chargers	138.2	--	--	10.7	0.3	29.4	16.5	5.3
Commercial dishwashers	2,817.3	12.1	18.1	767.3	8.8	1,241.7	920.0	1.8
Commercial fryers	69.3	48.7	--	2,213.6	14.2	2,592.6	781.3	1.8
Commercial ovens	692.7	5.0	--	280.6	2.8	412.4	171.5	5.0
Commercial steam cookers	222.1	2.1	5.5	113.1	1.1	159.2	168.7	0.7
Computer server power supplies	643.5	--	--	53.3	1.8	140.4	84.7	2.7
Electric motors	17,827.6	--	--	1,429.5	42.1	3,836.1	2,428.8	1.2
Faucets	4,894.3	7.9	79.3	743.9	13.0	1,465.3	2,436.5	0.0
Gas fireplaces	--	1.9	--	85.3	0.5	99.5	53.2	0.5
High CRI fluorescent lamps	575.7	--	--	53.6	2.7	131.0	76.3	2.0
Portable electric spas	2,564.9	--	--	205.0	6.0	551.4	391.4	2.1
Showerheads	10,865.2	6.9	118.1	1,171.8	25.7	2,692.9	4,127.8	0.0
Spray sprinkler bodies	--	--	704.9	--	--	--	5,708.5	1.3
Toilets (water closets)	--	--	95.8	--	--	--	1,874.7	0.0
Urinals	--	--	7.2	--	--	--	138.8	0.0
Water coolers	2,484.4	--	--	195.9	5.4	531.7	329.9	0.0
Total	**52,776**	**85**	**1,029**	**8,027**	**143**	**15,806**	**20,844**	**–**

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.