

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: Texas

	Potential annual savings in 2030						Potential annual savings in 2040					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)
Commercial battery chargers	11.2	--	--	0.8	0.2	2.2	41.5	--	--	2.2	0.4	7.0
Commercial dishwashers	28.5	365	508	18.4	0.5	25.0	81.5	1,043	1,452	51.5	0.7	69.0
Commercial fryers	1.7	1,177	--	53.5	0.03	62.6	5.7	4,036	--	183.	0.1	214.5
Commercial ovens	16.7	121	--	6.6	0.3	9.7	57.4	415	--	21.8	0.5	31.7
Commercial steam cookers	5.4	51	132	2.7	0.1	3.8	18.4	175	452	8.9	0.2	12.4
Faucets	155.5	656	4,106	40.1	2.9	65.7	444.2	1,869	11,717	107.	4.0	174.4
Gas fireplaces	--	213	--	9.7	--	11.3	--	823	--	37.3	--	43.5
High CRI fluorescent lamps	88.4	--	--	5.9	1.7	17.6	43.7	--	--	2.3	0.4	7.4
Portable electric spas	100.4	--	--	6.7	1.9	20.0	251.1	--	--	13.1	2.2	42.7
Residential ventilating fans	7.4	--	--	0.5	0.1	1.5	28.6	--	--	1.5	0.3	4.9
Server power supplies	155.1	--	--	10.4	2.9	30.9	221.5	--	--	11.5	2.0	37.7
Showerheads	116.0	488	2,092	29.9	2.2	48.9	331.6	1,393	5,977	80.4	3.0	130.1
Spray sprinkler bodies	--	--	13,354	--	--	--	--	--	38,153	--	--	--
Toilets (water closets)	--	--	1,033	--	--	--	--	--	3,852	--	--	--
Urinals	--	--	195	--	--	--	--	--	670	--	--	--
Water coolers	88.5	--	--	5.9	1.7	17.6	252.9	--	--	13.2	2.3	43.0
Total	775	3,071	21,420	191	15	317	1,778	9,754	62,273	535	16	818

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Savings estimates for: Texas

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.7	2.8	15.7	4.3
Commercial dishwashers	12.9	41.2	358.7	1.1
Commercial fryers	9.2	35.5	225.7	3.2
Commercial ovens	2.2	8.1	15.7	7.4
Commercial steam cookers	2.8	11.0	96.0	0.9
Faucets	91.2	292.3	2,893.1	0.0
Gas fireplaces	2.8	12.0	108.6	0.9
High CRI fluorescent lamps	7.2	4.0	39.4	2.3
Portable electric spas	12.5	32.3	282.8	1.0
Residential ventilating fans	0.9	3.7	36.1	0.0
Server power supplies	12.2	17.3	137.8	1.2
Showerheads	53.1	169.0	1,671.8	0.0
Spray sprinkler bodies	205.6	676.8	6,150.4	0.8
Toilets (water closets)	15.9	68.3	855.4	0.0
Urinals	3.0	11.9	113.7	0.0
Water coolers	7.0	19.7	195.4	0.0
Total	439	1,406	13,196	-

Assuming a compliance date of 2027 for all the recommended standards. Net present value savings take into account both utility bill savings and estimated impacts on product costs for items sold between 2027 and 2050. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates for: Texas

	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 2023\$)
Commercial battery chargers	764	--	--	40.2	9.1	131.7	51.5
Commercial dishwashers	1,548	19.8	27.6	980.6	19.6	1317.4	784.8
Commercial fryers	103	72.6	--	3298.0	1.3	3861.5	629.2
Commercial ovens	1,033	7.5	--	393.0	12.7	573.7	144.8
Commercial steam cookers	331	3.2	8.1	160.5	4.1	224.2	199.5
Faucets	8,440	35.5	222.6	2061.2	106.9	3347.3	5591.4
Gas fireplaces	--	15.1	--	683.7	--	798.1	219.6
High CRI fluorescent lamps	1,256	--	--	76.1	22.0	233.1	107.9
Portable electric spas	4,925	--	--	264.6	63.6	859.0	634.1
Residential ventilating fans	524	--	--	27.5	6.2	90.3	67.7
Server power supplies	4,763	--	--	261.4	64.7	839.4	373.6
Showerheads	6,300	26.5	113.6	1536.4	79.8	2496.0	3230.2
Spray sprinkler bodies	--	--	724.9	--	--	--	12991.8
Toilets (water closets)	--	--	78.6	--	--	--	1434.7
Urinals	--	--	12.1	--	--	--	217.2
Water coolers	4,805	--	--	256.7	60.9	835.5	376.9
Total	34,792	180	1,188	10,040	451	15,607	27,055

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.