

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: **Connecticut**

	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	0.3	--	--	0.04	0.003	0.03	1.2	--	--	0.1	0.01	0.1
Commercial dishwashers	3.4	43	60	2.3	0.03	2.6	9.7	124	172	6.7	0.1	7.4
Commercial fryers	0.2	140	--	6.3	0.001	7.4	0.7	479	--	21.8	0.01	25.4
Commercial ovens	2.0	14	--	0.9	0.01	0.9	6.8	49	--	3.0	0.1	3.2
Commercial steam cookers	0.6	6	16	0.3	0.005	0.4	2.2	21	54	1.2	0.02	1.3
Faucets	14.6	101	501	6.2	0.1	6.5	41.8	287	1,430	17.8	0.4	18.9
Gas fireplaces	--	22	--	1.0	--	1.2	--	84	--	3.8	--	4.5
High CRI fluorescent lamps	9.4	--	--	1.1	0.1	0.8	4.9	--	--	0.6	0.04	0.4
Portable electric spas	16.8	--	--	1.9	0.1	1.4	41.9	--	--	4.8	0.4	3.7
Residential ventilating fans	1.0	--	--	0.1	0.01	0.1	3.8	--	--	0.4	0.03	0.3
Server power supplies	11.2	--	--	1.3	0.1	0.9	16.0	--	--	1.8	0.1	1.4
Showerheads	10.9	75	255	4.6	0.1	4.8	31.2	214	730	13.3	0.3	14.1
Spray sprinkler bodies	--	--	869	--	--	--	--	--	2,482	--	--	--
Toilets (water closets)	--	--	125	--	--	--	--	--	466	--	--	--
Urinals	--	--	23	--	--	--	--	--	79	--	--	--
Water coolers	6.4	--	--	0.7	0.05	0.5	18.3	--	--	2.1	0.2	1.6
Total	77	401	1,849	27	1	27	178	1,258	5,413	77	2	82

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: Connecticut

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.1	0.2	1.2	3.0
Commercial dishwashers	2.2	7.1	64.1	0.7
Commercial fryers	1.6	5.7	41.1	2.2
Commercial ovens	0.5	1.9	10.1	3.9
Commercial steam cookers	0.5	1.9	16.5	0.6
Faucets	14.7	47.4	467.2	0.0
Gas fireplaces	0.3	1.3	11.5	0.8
High CRI fluorescent lamps	1.7	1.1	13.0	1.1
Portable electric spas	4.1	11.3	106.1	0.4
Residential ventilating fans	0.2	1.0	9.9	0.0
Server power supplies	2.0	3.0	28.6	0.6
Showerheads	8.7	27.9	273.9	0.0
Spray sprinkler bodies	16.8	55.3	512.4	0.6
Toilets (water closets)	2.4	10.4	130.5	0.0
Urinals	0.4	1.8	17.0	0.0
Water coolers	1.1	3.5	33.2	0.0
Total	57	181	1,736	-

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: Connecticut

	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	23	--	--	2.5	0.2	1.8	3.5
Commercial dishwashers	184	2.3	3.3	126.8	1.6	139.4	134.6
Commercial fryers	12	8.6	--	391.8	0.1	456.8	101.7
Commercial ovens	122	0.9	--	53.7	1.1	56.9	32.8
Commercial steam cookers	39	0.4	1.0	21.3	0.3	23.0	33.4
Faucets	793	5.5	27.2	335.4	6.8	354.4	902.7
Gas fireplaces	--	1.5	--	69.9	--	81.6	23.1
High CRI fluorescent lamps	136	--	--	15.3	1.1	11.5	26.7
Portable electric spas	822	--	--	91.0	7.0	67.7	215.9
Residential ventilating fans	70	--	--	7.8	0.6	5.8	18.6
Server power supplies	345	--	--	38.2	2.9	28.4	63.3
Showerheads	592	4.1	13.9	250.1	5.1	264.2	529.0
Spray sprinkler bodies	--	--	47.2	--	--	--	1062.4
Toilets (water closets)	--	--	9.5	--	--	--	218.7
Urinals	--	--	1.4	--	--	--	32.4
Water coolers	348	--	--	38.5	3.0	28.6	64.1
Total	3,487	23	103	1,442	30	1,520	3,463

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.