

## 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 <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)
Commercial dishwashers	4.3	56	77	3.0	0.03	3.3	9.7	124	172	6.7	0.1	7.4
Commercial fryers	0.3	179	--	8.2	0.002	9.5	0.7	479	--	21.8	0.01	25.4
Commercial ovens	2.6	18	--	1.1	0.02	1.2	6.8	49	--	3.0	0.1	3.2
Commercial steam cookers	0.8	8	20	0.4	0.01	0.5	2.2	21	54	1.2	0.0	1.3
Faucets	18.8	130	644	8.0	0.1	8.4	41.8	287	1,430	17.8	0.4	18.9
Gas fireplaces	--	28	--	1.3	--	1.5	--	90	--	4.1	--	4.8
High CRI fluorescent lamps	9.4	--	--	1.1	0.1	0.8	4.9	--	--	0.6	0.04	0.4
Portable electric spas	21.5	--	--	2.4	0.2	1.7	41.9	--	--	4.8	0.4	3.7
Residential ventilating fans	1.3	--	--	0.1	0.01	0.1	4.1	--	--	0.5	0.04	0.4
Showerheads	14.0	96	328	6.0	0.1	6.2	31.2	214	730	13.3	0.3	14.1
Water coolers	8.2	--	--	0.9	0.1	0.7	18.3	--	--	2.1	0.2	1.6
<b>Total</b>	<b>81</b>	<b>515</b>	<b>1,070</b>	<b>33</b>	<b>1</b>	<b>34</b>	<b>162</b>	<b>1,264</b>	<b>2,386</b>	<b>76</b>	<b>1</b>	<b>81</b>

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 dishwashers	2.9	7.1	68.4	0.2
Commercial fryers	2.1	5.7	44.1	0.7
Commercial ovens	0.7	1.9	10.8	1.3
Commercial steam cookers	0.6	1.9	17.6	0.2
Faucets	18.9	47.4	497.7	0.0
Gas fireplaces	0.4	1.4	12.3	0.3
High CRI fluorescent lamps	1.7	1.1	13.0	1.1
Portable electric spas	5.2	11.3	113.3	0.1
Residential ventilating fans	0.3	1.1	10.6	0.0
Showerheads	11.2	27.9	291.9	0.0
Water coolers	1.5	3.5	35.6	0.0
<b>Total</b>	<b>45</b>	<b>110</b>	<b>1,115</b>	<b>4</b>

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 <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thousand metric tons)	Utility bill savings (million 2023\$)
Commercial dishwashers	193.3	2.5	3.4	133.5	1.7	146.8	141.2
Commercial fryers	13	9.1	--	413.6	0.1	482.2	107.2
Commercial ovens	129	0.9	--	56.7	1.1	60.1	34.6
Commercial steam cookers	41	0.4	1.0	22.5	0.4	24.3	35.1
Faucets	835	5.8	28.6	353.4	7.2	373.4	945.4
Gas fireplaces	--	1.6	--	74.1	--	86.5	24.5
High CRI fluorescent lamps	136	--	--	15.3	1.1	11.5	26.7
Portable electric spas	864	--	--	96.0	7.4	71.6	226.2
Residential ventilating fans	75	--	--	8.3	0.6	6.2	19.7
Showerheads	623	4.3	14.6	263.5	5.4	278.4	554.2
Water coolers	366	--	--	40.6	3.1	30.3	67.4
<b>Total</b>	<b>3,277</b>	<b>25</b>	<b>48</b>	<b>1,477</b>	<b>28</b>	<b>1,571</b>	<b>2,182</b>

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.