## Appliance Standards Awareness Project

# 2027 State Appliance Standards Savings Potential

## Annual savings estimates in 2040 for: Connecticut

| | 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 | 56.5 | -- | -- | 4.9 | 0.0 | 4.2 | 12.5 | 8.5 | 11.3 |
| Commercial battery chargers | 1.0 | -- | -- | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 |
| Commercial dishwashers | 24.5 | 106 | 158 | 6.9 | 0.03 | 7.4 | 1.4 | 8.1 | 10.2 |
| Commercial fryers | 0.7 | 459 | -- | 20.9 | 0.1 | 24.3 | 0.1 | 0.2 | 5.7 |
| Commercial ovens | 6.5 | 47 | -- | 2.7 | 0.01 | 3.0 | 0.6 | 2.0 | 2.0 |
| Commercial steam cookers | 2.1 | 20 | 51 | 1.1 | 0.01 | 1.2 | 0.2 | 0.6 | 1.9 |
| Computer server power supplies | 4.7 | -- | -- | 0.4 | 0.0 | 0.3 | 0.5 | 0.5 | 1.0 |
| Electric motors | 127.0 | -- | -- | 11.0 | 0.0 | 9.4 | 24.9 | 18.0 | 29.2 |
| Faucets | 18.9 | 167 | 659 | 9.2 | 0.05 | 10.2 | 2.1 | 3.4 | 23.4 |
| Gas fireplaces | -- | 72 | -- | 3.2 | 0.02 | 3.8 | -- | -- | 1.2 |
| High CRI fluorescent lamps | 4.6 | -- | -- | 0.4 | 0.0 | 0.3 | 0.8 | 0.8 | 1.0 |
| Portable electric spas | 33.9 | -- | -- | 2.9 | 0.0 | 2.5 | 2.3 | 6.7 | 9.4 |
| Showerheads | 41.9 | 289 | 983 | 16.7 | 0.1 | 18.4 | 4.6 | 7.6 | 39.7 |
| Spray sprinkler bodies | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Toilets (water closets) | -- | -- | 677 | -- | -- | -- | -- | -- | 16.0 |
| Urinals | -- | -- | 68 | -- | -- | -- | -- | -- | 1.6 |
| Water coolers | 16.9 | -- | -- | 1.5 | 0.0 | 1.3 | 1.9 | 1.9 | 3.6 |
| **Total** | **339** | **1,159** | **2,596** | **82** | **0.3** | **87** | **52** | **58** | **157** |

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: 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 bills (million 2025$) | Payback period (years) |
| Commercial & industrial fans | 1,103.0 | -- | -- | 95.8 | 0.0 | 81.9 | 223.9 | 0.9 |
| Commercial battery chargers | 18.0 | -- | -- | 1.6 | 0.0 | 1.3 | 3.5 | 2.8 |
| Commercial dishwashers | 443.0 | 1.9 | 2.8 | 124.9 | 0.6 | 133.7 | 187.9 | 1.3 |
| Commercial fryers | 10.9 | 7.7 | -- | 348.2 | 2.2 | 406.2 | 95.5 | 2.3 |
| Commercial ovens | 108.9 | 0.8 | -- | 45.1 | 0.2 | 49.7 | 32.9 | 3.8 |
| Commercial steam cookers | 34.9 | 0.3 | 0.9 | 18.1 | 0.1 | 20.2 | 32.4 | 0.6 |
| Computer server power supplies | 91.7 | -- | -- | 8.1 | 0.0 | 7.0 | 19.5 | 1.5 |
| Electric motors | 2,262.0 | -- | -- | 197.9 | 0.0 | 170.4 | 527.8 | 0.7 |
| Faucets | 321.2 | 3.0 | 11.2 | 162.3 | 0.9 | 180.8 | 408.8 | 0.0 |
| Gas fireplaces | -- | 1.4 | -- | 61.4 | 0.4 | 71.7 | 22.4 | 0.8 |
| High CRI fluorescent lamps | 93.1 | -- | -- | 8.6 | 0.0 | 7.7 | 20.5 | 1.1 |
| Portable electric spas | 599.0 | -- | -- | 52.4 | 0.0 | 45.1 | 169.5 | 0.6 |
| Showerheads | 712.9 | 4.9 | 16.7 | 284.8 | 1.4 | 313.3 | 687.8 | 0.0 |
| Spray sprinkler bodies | -- | -- | -- | -- | -- | -- | -- | -- |
| Toilets (water closets) | -- | -- | 13.7 | -- | -- | -- | 338.3 | 0.0 |
| Urinals | -- | -- | 1.1 | -- | -- | -- | 27.4 | 0.0 |
| Water coolers | 287.9 | -- | -- | 25.1 | 0.0 | 21.5 | 61.5 | 0.0 |
| **Total** | **6,087** | **20** | **47** | **1,434** | **6** | **1,511** | **2,860** | **–** |

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