

## Appliance Standards Awareness Project

### 2025 State Appliance Standards Recommendations

Assumptions for national annual shipments, average lifetime, per-unit savings, per-unit incremental cost, and percentage of shipments already meeting standard level

Product	National annual shipments (million)	Average lifetime (years)	Per-unit savings *	Units	% savings relative to baseline products	Per-unit incremental cost (2023\$)	Market share of products already meeting standard
Commercial battery chargers	2.0	--	--	--	--	--	--
<i>emergency backup lighting</i>	2.0	10.0	4	kWh	31%	4	50%
<i>single-phase lift trucks</i>	0.002	15.0	867	kWh	10%	274	0%
<i>three-phase lift trucks</i>	0.005	15.0	3,539	kWh	8%	549	0%
Commercial dishwashers**	0.1	10.0	--	--	--	1,203	53%
<i>electricity</i>	--	--	2,587	kWh	23%	--	--
<i>natural gas</i>	--	--	33	MMBtu	30%	--	--
<i>water</i>	--	--	46,085	gallons	38%	--	--
Commercial fryers	0.1	12.0	--	--	--	1,190	32%
<i>electricity</i>	--	--	157	kWh	10%	--	--
<i>natural gas</i>	--	--	46	MMBtu	31%	--	--
Commercial ovens**	0.09	12.0	--	--	--	1,290	53%
<i>electricity</i>	--	--	1,287	kWh	24%	--	--
<i>gas</i>	--	--	9	MMBtu	19%	--	--
Commercial steam cookers	0.01	12.0	--	--	--	1,656	65%
<i>electricity</i>	--	--	4,298	kWh	54%	--	--
<i>natural gas</i>	--	--	25	MMBtu	52%	--	--
<i>water</i>	--	--	81,689	gallons	73%	--	--
Faucets	52.1	--	--	--	--	--	--
<i>residential lavatory</i>	32.0	10.0	--	--	--	0	N/A*
<i>electricity</i>	--	--	2	kWh	35%	--	--
<i>natural gas</i>	--	--	0.01	MMBtu	35%	--	--
<i>water</i>	--	--	57	gallons	35%	--	--
<i>kitchen</i>	16.4	10.0	--	--	--	0	N/A*
<i>electricity</i>	--	--	23	kWh	17%	--	--
<i>natural gas</i>	--	--	0.13	MMBtu	17%	--	--
<i>water</i>	--	--	696	gallons	17%	--	--
<i>public</i>	3.7	3.0	--	--	--	0	N/A*
<i>electricity</i>	--	--	--	--	--	--	--
<i>natural gas</i>	--	--	0.003	MMBtu	77%	--	--

<i>water</i>	--	--	8	gallons	77%	--	--
Gas fireplaces	0.5	--	--		--		
<i>heating fireplaces</i>	0.5	15.0	3.2	MMBtu	68%	39	38%
<i>decorative fireplaces</i>	0.04	15.0	3.5	MMBtu	85%	38	68%
High CRI fluorescent lamps	6.9	--	--			--	--
<i>residential</i>	2.1	15.0	13	kWh	52%	7	***
<i>commercial</i>	4.8	6.7	69	kWh	56%	11	***
Portable electric spas	0.7	--	--	--	--	--	--
<i>standard/exercise/combination</i>	0.7	8.8	1,341	kWh	40%	129	33%
<i>inflatable</i>	0.1	3.0	172	kWh	17%	47	33%
Residential ventilating fans	14.6	15.0	2	kWh	28%	0	N/A*
Server power supplies	7.7	5.0	139	kWh	4%	14	51%
Showerheads	17.0	10.0	--	--		0	N/A*
<i>electricity</i>	--	--	19	kWh	19%	--	--
<i>natural gas</i>	--	--	0.10	MMBtu	19%	--	--
<i>water</i>	--	--	396	gallons	19%	--	--
Spray sprinkler bodies	94.5	--	--	--	--	--	--
<i>residential</i>	72.0	10.0	469	gallons	18%	6	10%
<i>commercial</i>	22.5	10.0	469	gallons	18%	6	10%
Toilets (water closets)	17.4	--	--	--	--	--	N/A*
<i>residential</i>	13.7	25.0	170	gallons	20%	0	--
<i>commercial</i>	3.7	12.0	265	gallons	20%	0	--
Urinals	0.9	12.0	667	gallons	50%	0	N/A*
Water coolers	3.6	10.0	92	kWh	30%	0	33%

\*For faucets, showerheads, residential ventilating fans, toilets, and urinals, the per-unit savings already take into account sales that already meet the standard.

\*\*For commercial dishwashers and \*\*commercial ovens, the per-unit savings and incremental costs reflect those for states that do not currently have standards.

\*\*\*For high CRI fluorescent lamps, the estimated shipments include only T12 lamps (i.e., they do not include shipments of compliant replacement options such as widely-available LED tube lamps), so accounting for the current market share of compliant products is not necessary.