

## Appliance Standards Awareness Project

### 2021 State Appliance Standards Recommendations

#### Savings estimates for: [Utah](#)

	Potential annual savings in 2025						Potential annual savings in 2035					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)
Faucets	8.8	104	351	8.3	0.6	10.1	35.3	409	1,389	31.5	2.0	39.9
Showerheads	8.0	92	215	7.5	0.6	9.1	32.1	370	861	28.5	1.8	36.1
Spray sprinkler bodies	--	--	3,332	--	--	--	--	--	13,326	--	--	--
Toilets (water closets)	--	--	99	--	--	--	--	--	491	--	--	--
Urinals	--	--	19	--	--	--	--	--	93	--	--	--
<b>Total</b>	<b>17</b>	<b>196</b>	<b>4,016</b>	<b>16</b>	<b>1</b>	<b>19</b>	<b>67</b>	<b>779</b>	<b>16,160</b>	<b>60</b>	<b>4</b>	<b>76</b>

Assuming a compliance date of 2023 for all the recommended standards. Totals may not sum due to rounding.

## Savings estimates for: Utah

	Potential annual utility bill savings (million 2019\$)		Net present value savings (million 2019\$)	Benefit-cost ratio	Payback period (years)
	In 2025	In 2035			
Faucets	5.9	26.6	174.6	no cost	0.0
Showerheads	4.1	18.8	123.3	no cost	0.0
Spray sprinkler bodies	38.7	178.4	1066.4	11.3	0.8
Toilets (water closets)	1.2	6.6	59.5	no cost	0.0
Urinals	0.2	1.2	7.9	no cost	0.0
<b>Total</b>	<b>50</b>	<b>232</b>	<b>1,432</b>	<b>14.8</b>	<b>–</b>

Assuming a compliance date of 2023 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 2023 and 2035. Totals may not sum due to rounding. The total benefit-cost ratio is calculated as the present value of the total utility bill savings from products sold through 2035 for the package of recommended standards divided by the present value of the total additional costs.

Cumulative savings estimates for: **Utah**

	Potential cumulative savings through 2035					
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO <sub>x</sub> (tons)	SO <sub>2</sub> (tons)	CO <sub>2</sub> (thous. MT)
Faucets	282	3.3	11.1	258.3	16.9	322.2
Showerheads	257	3.0	6.9	233.9	15.4	291.8
Spray sprinkler bodies	--	--	106.6	--	--	--
Toilets (water closets)	--	--	3.3	--	--	--
Urinals	--	--	0.7	--	--	--
<b>Total</b>	<b>539</b>	<b>6</b>	<b>129</b>	<b>492</b>	<b>32</b>	<b>614</b>

Assuming a compliance date of 2023 for all the recommended standards. Totals may not sum due to rounding.