Appliance Standards Awareness Project

2027 State Appliance Standards Savings Potential

Annual savings estimates in 2040 for: Utah

	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	103.0	--	--	5.1	0.0	13.4	17.4	14.1	10.1
Commercial battery chargers	2.3	--	--	0.1	0.0	0.3	0.3	0.3	0.2
Commercial dishwashers	23.4	101	150	5.7	0.03	8.4	2.4	3.1	6.7
Commercial fryers	0.6	437	--	19.9	0.1	23.2	0.1	0.1	4.0
Commercial ovens	6.2	45	--	2.3	0.01	3.2	1.3	0.7	1.1
Commercial steam cookers	2.0	19	49	1.0	0.01	1.3	0.4	0.2	1.5
Computer server power supplies	11.0	--	--	0.5	0.0	1.4	1.3	1.3	1.2
Electric motors	165.4	--	--	8.2	0.0	21.6	28.7	22.9	18.4
Faucets	8.6	213	656	10.1	0.1	12.4	0.9	1.7	18.2
Gas fireplaces	--	186	--	8.5	0.1	9.9	--	--	2.1
High CRI fluorescent lamps	4.8	--	--	0.2	0.0	0.6	0.7	0.9	0.5
Portable electric spas	49.0	--	--	2.4	0.0	6.4	16.5	2.4	7.1
Showerheads	19.0	396	980	18.9	0.1	23.5	2.0	3.8	29.0
Spray sprinkler bodies	--	--	18,264	--	--	--	--	--	199.2
Toilets (water closets)	--	--	670	--	--	--	--	--	14.9
Urinals	--	--	64	--	--	--	--	--	1.4
Water coolers	21.5	--	--	1.1	0.0	2.8	2.5	2.5	2.3
Total	**417**	**1,398**	**20,833**	**84**	**0.4**	**128**	**74**	**54**	**318**

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: Utah

	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	1,997.3	--	--	103.3	0.0	321.9	192.5	1.5
Commercial battery chargers	42.4	--	--	2.1	0.0	6.8	3.9	3.9
Commercial dishwashers	422.3	1.8	2.7	103.6	0.5	163.9	122.4	1.9
Commercial fryers	10.4	7.3	--	331.5	2.1	388.1	64.9	3.0
Commercial ovens	103.8	0.8	--	39.3	0.2	56.3	17.4	6.4
Commercial steam cookers	33.3	0.3	0.8	16.1	0.1	22.1	25.0	0.7
Computer server power supplies	213.9	--	--	12.0	0.0	34.8	22.4	2.9
Electric motors	2,949.8	--	--	154.7	0.0	471.4	322.9	1.3
Faucets	145.8	3.8	11.2	177.5	1.1	221.7	316.3	0.0
Gas fireplaces	--	3.5	--	159.8	1.0	186.6	39.6	1.3
High CRI fluorescent lamps	100.4	--	--	6.9	0.0	16.7	11.0	2.0
Portable electric spas	864.1	--	--	45.2	0.0	138.1	124.8	1.3
Showerheads	323.7	6.7	16.7	322.1	1.9	408.1	501.6	0.0
Spray sprinkler bodies	--	--	310.5	--	--	--	3,465.4	0.9
Toilets (water closets)	--	--	13.6	--	--	--	315.3	0.0
Urinals	--	--	1.1	--	--	--	24.6	0.0
Water coolers	365.1	--	--	18.8	0.0	58.2	38.1	0.0
Total	**7,572**	**24**	**357**	**1,493**	**7**	**2,495**	**5,608**	**–**

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