

Appliance Standards Awareness Project

2025 State Appliance Standards Recommendations

Savings estimates for: [Montana](#)

	Potential annual savings in 2030						Potential annual savings in 2040					
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)
Commercial battery chargers	0.4	--	--	0.02	0.01	0.03	1.3	--	--	0.1	0.02	0.1
Commercial dishwashers	1.1	14	19	0.7	0.02	0.8	3.0	39	54	1.9	0.05	2.3
Commercial fryers	0.1	44	--	2.0	0.001	2.3	0.2	150	--	6.8	0.003	7.9
Commercial ovens	0.6	4	--	0.2	0.01	0.3	2.1	15	--	0.8	0.03	1.0
Commercial steam cookers	0.2	2	5	0.1	0.004	0.1	0.7	7	17	0.3	0.01	0.4
Faucets	5.0	28	152	1.5	0.1	1.8	14.4	79	434	4.2	0.2	5.2
Gas fireplaces	--	15	--	0.7	--	0.8	--	57	--	2.6	--	3.0
High CRI fluorescent lamps	3.8	--	--	0.2	0.1	0.3	1.9	--	--	0.1	0.03	0.1
Portable electric spas	17.3	--	--	0.9	0.3	1.3	43.2	--	--	1.8	0.7	2.9
Residential ventilating fans	0.3	--	--	0.02	0.01	0.02	1.2	--	--	0.05	0.02	0.1
Server power supplies	10.5	--	--	0.6	0.2	0.8	15.0	--	--	0.6	0.2	1.0
Showerheads	3.8	21	78	1.1	0.1	1.4	10.7	59	221	3.1	0.2	3.8
Spray sprinkler bodies	--	--	694	--	--	--	--	--	1,983	--	--	--
Toilets (water closets)	--	--	38	--	--	--	--	--	143	--	--	--
Urinals	--	--	7	--	--	--	--	--	25	--	--	--
Water coolers	2.8	--	--	0.1	0.05	0.2	7.9	--	--	0.3	0.1	0.5
Total	46	127	993	8	1	10	102	405	2,877	23	2	28

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: Montana

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.02	0.1	0.4	5.0
Commercial dishwashers	0.5	1.7	15.4	0.9
Commercial fryers	0.4	1.4	9.3	3.0
Commercial ovens	0.1	0.3	0.7	7.3
Commercial steam cookers	0.1	0.5	4.1	0.8
Faucets	3.5	11.4	112.6	0.0
Gas fireplaces	0.1	0.6	4.8	1.4
High CRI fluorescent lamps	0.3	0.2	1.6	2.4
Portable electric spas	1.6	4.5	40.1	0.9
Residential ventilating fans	0.03	0.1	1.2	0.0
Server power supplies	0.8	1.2	9.8	1.2
Showerheads	1.9	6.3	62.7	0.0
Spray sprinkler bodies	12.6	41.6	383.6	0.7
Toilets (water closets)	0.7	3.0	37.5	0.0
Urinals	0.1	0.5	5.0	0.0
Water coolers	0.2	0.6	6.3	0.0
Total	23	74	695	-

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: [Montana](#)

	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 bill savings (million 2023\$)
Commercial battery chargers	25	--	--	1.1	0.4	1.8	1.4
Commercial dishwashers	57	0.7	1.0	36.0	1.0	43.1	33.1
Commercial fryers	4	2.7	--	122.5	0.1	143.0	25.0
Commercial ovens	38	0.3	--	14.3	0.7	17.5	5.7
Commercial steam cookers	12	0.1	0.3	5.9	0.2	7.1	8.5
Faucets	273	1.5	8.2	80.8	4.7	99.6	217.7
Gas fireplaces	--	1.0	--	47.2	--	55.1	10.2
High CRI fluorescent lamps	54	--	--	2.7	1.0	4.1	4.5
Portable electric spas	847	--	--	39.3	14.8	62.0	87.1
Residential ventilating fans	22	--	--	1.0	0.4	1.6	2.3
Server power supplies	323	--	--	15.2	5.7	23.8	26.1
Showerheads	204	1.1	4.2	60.2	3.5	74.2	121.2
Spray sprinkler bodies	--	--	37.7	--	--	--	798.9
Toilets (water closets)	--	--	2.9	--	--	--	62.9
Urinals	--	--	0.4	--	--	--	9.5
Water coolers	150	--	--	6.9	2.6	11.0	12.2
Total	2,010	7	55	433	35	544	1,426

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.