

Appliance Standards Awareness Project

2026 State Appliance Standards Recommendations

Annual savings estimates for: West Virginia

	Potential annual savings in 2035							Payback period (years)
	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO _x (tons)	SO ₂ (tons)	CO ₂ (thousand metric tons)	Utility bill savings (million 2024\$)	
Commercial & industrial fans	103.1	--	--	7.7	0.2	27.5	8.1	1.3
Commercial battery chargers	2.1	--	--	0.2	0.004	0.6	0.2	3.3
Commercial dishwashers	3.5	45	62	2.3	0.02	3.3	2.0	0.9
Commercial fryers	0.2	144	--	6.5	0.04	7.7	1.9	2.2
Commercial ovens	2.0	15	--	0.8	0.01	1.3	0.4	5.6
Commercial steam cookers	0.7	6	16	0.3	0.003	0.5	0.4	0.8
Computer server power supplies	9.1	--	--	0.7	0.02	2.4	1.0	0.9
Electric motors	107.6	--	--	8.0	0.2	28.8	10.3	1.4
Faucets	19.6	60	405	4.2	0.1	8.4	10.6	0.0
Gas fireplaces	--	47	--	2.1	0.01	2.5	0.7	0.9
High CRI fluorescent lamps	5.2	--	--	0.4	0.01	1.4	0.6	2.1
Portable electric spas	9.0	--	--	0.7	0.02	2.4	1.3	1.4
Showerheads	27.5	61	387	4.8	0.1	10.6	11.4	0.0
Spray sprinkler bodies	--	--	1,224	--	--	--	20.9	0.8
Toilets (water closets)	--	--	235	--	--	--	4.0	0.0
Urinals	--	--	22	--	--	--	0.4	0.0
Water coolers	8.6	--	--	0.6	0.02	2.3	0.9	0.0
Total	298	379	2,351	39	1	100	75	--

Assuming a compliance date of 2028 for all the recommended standards except electric motors, which have an assumed compliance date of 2029. While we are recommending the adoption of state-level standards for commercial hot-food holding cabinets, computers and computer monitors, residential ventilating fans, and water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Cumulative savings estimates for: [West Virginia](#)

	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 2024\$)
Commercial & industrial fans	2,369	--	--	128.3	26.1	449.3	179.3
Commercial battery chargers	65	--	--	3.3	0.6	11.6	4.5
Commercial dishwashers	84	1.1	1.5	53.0	1.2	72.3	50.4
Commercial fryers	6	3.9	--	178.0	1.2	208.4	52.3
Commercial ovens	56	0.4	--	21.1	0.7	31.4	11.0
Commercial steam cookers	18	0.2	0.4	8.6	0.2	12.3	12.3
Computer server power supplies	187	--	--	10.8	2.4	37.7	19.2
Electric motors	2,454	--	--	127.8	21.6	450.1	223.1
Faucets	471	1.4	9.7	88.3	5.3	161.6	265.1
Gas fireplaces	--	1.5	--	66.4	0.4	77.5	23.6
High CRI fluorescent lamps	58	--	--	4.1	1.2	14.3	6.4
Portable electric spas	197	--	--	10.6	2.1	37.4	26.5
Showerheads	661	1.5	9.3	101.5	7.2	200.7	284.8
Spray sprinkler bodies	--	--	29.4	--	--	--	545.8
Toilets (water closets)	--	--	8.1	--	--	--	154.0
Urinals	--	--	0.6	--	--	--	11.2
Water coolers	206	--	--	10.9	2.1	38.3	21.0
Total	6,830	10	59	813	72	1,803	1,891

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