

Appliance Standards Awareness Project
2025 State Appliance Standards Recommendations

Savings estimates for: Oregon

	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 dishwashers	2.8	--	--	0.1	0.03	0.2	7.9	--	--	0.2	0.1	0.4
Commercial ovens	2.3	17	--	0.8	0.02	1.0	8.0	58	--	2.8	0.1	3.4
Gas fireplaces	--	77	--	3.5	--	4.1	--	297	--	13.5	--	15.7
Server power supplies	24.4	--	--	0.6	0.2	1.4	34.8	--	--	0.7	0.4	1.7
Toilets (water closets)	--	--	147	--	--	--	--	--	550	--	--	--
Urinals	--	--	27	--	--	--	--	--	93	--	--	--
Total	29	94	175	5	0.3	7	51	355	643	17	1	21

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for water softeners, we have not estimated savings for these products due to insufficient data on the current market.

Savings estimates for: Oregon

	Potential annual utility bill savings (million 2023\$)		Net present value savings (million 2023\$)	Payback period (years)
	In 2030	In 2040		
Commercial dishwashers	0.2	0.5	**	**
Commercial ovens	0.3	1.0	1.1	8.5
Gas fireplaces	0.6	2.6	24.4	1.3
Server power supplies	1.5	2.3	16.3	1.5
Toilets (water closets)	2.7	11.5	144.9	0.0
Urinals	0.5	2.0	18.7	0.0
Total	6	20	205	-

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 water softeners, we have not estimated savings for these products due to insufficient data on the current market.

**Oregon has existing standards for commercial dishwashers. We are recommending improved standards for these products; however, we did not estimate net present value savings or payback period due to insufficient data on the incremental product cost.

Cumulative savings estimates for: Oregon

	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 dishwashers	150	--	--	3.6	1.5	8.3	9.7
Commercial ovens	143	1.0	--	50.4	1.4	62.7	18.0
Gas fireplaces	--	5.4	--	247.0	--	288.3	51.1
Server power supplies	749	--	--	17.9	7.5	41.5	48.4
Toilets (water closets)	--	--	11.2	--	--	--	242.8
Urinals	--	--	1.7	--	--	--	35.7
Total	1,042	6	13	319	11	401	406

Assuming a compliance date of 2027 for all the recommended standards. While we are recommending the adoption of state-level standards for water softeners, we have not estimated savings for these products due to insufficient data on the current market.