Appliance Standards Awareness Project

2024 State Appliance Standards Recommendations

Savings estimates for: Washington

	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 (thous. MT)	Electricity (GWh)	Natural gas (BBtu)	Water (million gallons)	NO_x (tons)	SO_2 (tons)	CO_2 (thous. MT)
Commercial battery chargers	3.3	--	--	0.1	0.03	0.2	9.6	--	--	0.2	0.1	0.4
Gas fireplaces	--	221	--	10.0	--	11.7	--	712	--	32.3	--	37.8
Irrigation controllers	--	--	3,075	--	--	--	--	--	9,908	--	--	--
Total	**3**	**221**	**3,075**	**10**	**0.03**	**12**	**10**	**712**	**9,908**	**32**	**0.1**	**38**

Assuming a compliance date of 2026 for all the recommended standards.

	Potential annual utility bill savings (million 2022$)		Net present value savings (million 2022$)	Payback period (years)
	In 2030	In 2040		
Commercial battery chargers	0.2	0.5	2.9	3.6
Gas fireplaces	2.0	6.8	60.2	1.1
Irrigation controllers	50.9	189.2	1,904.3	0.7
Total	**53**	**196**	**1,967**	**–**

Assuming a compliance date of 2026 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 2026 and 2050.

Cumulative savings estimates for: Washington

	Potential cumulative savings through 2050						
	Electricity (GWh)	Natural gas (TBtu)	Water (billion gallons)	NO_x (tons)	SO_2 (tons)	CO_2 (thous. MT)	Utility bill savings (million 2022$)
Commercial battery chargers	178	--	--	4.1	1.7	9.3	8.9
Gas fireplaces	--	12.9	--	584.0	--	684.5	129.4
Irrigation controllers	--	--	179.6	--	--	--	3,484.4
Total	**178**	**13**	**180**	**588**	**2**	**694**	**3,623**

Assuming a compliance date of 2026 for all the recommended standards.