Appliance Standards Awareness Project

2026 State Clean Lighting

Savings estimates for: Idaho

State	Potential annual reductions in 2035		Potential annual electricity savings in 2035 (GWh)	Potential annual electricity bill savings in 2035 (million 2024$)
	Mercury in lamps shipped (lbs)	CO_2 emissions (thous. MT)		
Idaho	0.6	4	48	4

Assuming a compliance date of 2028.

State	Potential cumulative reductions through 2050		Cumulative electricity savings through 2050 (GWh)	Cumulative electricity bill savings through 2050 (million 2024$)
	Mercury in lamps shipped (lbs)	CO_2 emissions (thous. MT)		
Idaho	13	77	570	47

Assuming a compliance date of 2028.

Fluorescent vs. LED: Economic analysis for most-shipped lamps (commercial sector)

Fluorescent lamp type	LED incremental cost (2024$)	First-year electricity bill savings from LED (2024$)	Life-cycle cost savings from LED (2024$)	Payback period (years)
4-foot T12 – 40 W	1.43	6.27	32	0.2
4-foot T12 – 34 W	4.71	4.50	23	1.0
4-foot T8	0.55	3.12	19	0.2
4-foot T5	3.08	4.04	26	0.8
4-foot T5 high output	5.45	8.04	49	0.7