



Energy Savings Calculator

Use this calculator to determine the estimated annual energy cost savings resulting from an upgrade of one lamp or a system. For fluorescent systems, include the ballast wattage in the original and replacement totals.

Customer Name: _____

Location: _____

Existing Lamps: _____

Proposed Replacement Lamps: _____

Compute the total power (kilowatts, kW) saved by upgrading older lamps to energy saving replacements	Original Lamp Wattage	
	Replacement Lamp Wattage	-
	Watts Saved per lamp	= 0
	Number of Lamps to be Replaced	X
	Total Watts Saved	= 0

Compute the total energy (kilowatt hours, kWh) saved annually by performing this upgrade	Total Watts Saved	0
	Total Kilowatts Saved (Watts÷1000)	= 0
	Hours of Use per Day	X
	Days of Use per Week	X
	Weeks of Use per Year	X
Total Kilowatts Saved Per Year	= 0	

Compute the total energy cost savings per year *Cost per kWh is typically \$0.10 commercial, \$0.11 residential)	Your Energy Cost per kWh*	X \$
	Total Energy Cost Saving Per Year	= \$ 0.00

Compute Simple Payback	Initial Cost of Lighting Upgrade	\$
	Total Energy Cost Savings Per Year	÷ \$ 0.00
	Years to Pay Back Investment	= #DIV/0!

QSSI

**Tampa, FL - Cerritos, CA - Walden, NY
Vancouver, WA - Memphis, TN**