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