

Using the following chart answer the questions.

Comparisons between Traditional Incandescents, Halogen Incandescents, CFLs, and LEDs						
	60W Traditional Incandescent	43W Energy-Saving Incandescent	15W CFL		12W LED	
			60W Traditional	43W Halogen	60W Traditional	43W Halogen
Energy \$ Saved (%)	–	~25%	~75%	~65%	~75%-80%	~72%
Annual Energy Cost*	\$4.80	\$3.50	\$1.20		\$1.00	
Bulb Life	1000 hours	1000 to 3000 hours	10,000 hours		25,000 hours	
Price new	\$0.88	\$1.78	\$3.20		\$7.60	

*Based on 2 hrs/day of usage, an electricity rate of 11 cents per kilowatt-hour, shown in U.S. dollars.

How much does it cost to run each bulb for one hour?

60 watt incandescent: _____

43 watt energy saving incandescent: _____

15 watt Compact Fluorescent : _____

12 watt Light Emitting Diode: _____

How many hours of operation will it take for the LED purchase price to equal the 60W price from energy savings?

Hours: _____

How many 60W bulbs will be used in that time? #: _____

What other considerations are there in choosing light bulbs?