

# EARTHTEAM'S MILLION KILOWATT HOUR CHALLENGE

## Compact Fluorescent (CFL) vs. Incandescent Light Bulbs Basic Facts

### The Difference: Technology

Fluorescents and incandescents "create" light differently. As a result, fluorescent bulbs outlast up to 13 incandescent or halogen bulbs.

### The Difference: Cost

Check the Facts! A CFL may cost more to purchase than an incandescent, but that's where the story ends. Compacts can save an average of \$75 in electricity costs alone!

### The Difference: Temperature

90% of the energy consumed by an incandescent bulb is wasted through heat output. A standard incandescent bulb heats to up to 350-degrees Fahrenheit, while fluorescents heat up to only 90-degrees Fahrenheit. Incandescent bulbs are extremely hot to touch and may be very unsafe.

### Energy Cost Savings Comparison

(Based on 4 hours usage per day of a bulb with a 10,000-hour life)

Kilowatt Hour Rate	6 cents	8 cents	10 cents	12 cents
Energy Cost Savings	\$45	\$60	\$75	\$90

*The Million Kilowatt Hour Challenge is a project of EarthTeam in partnership with the CA State and Consumer Services Agency, UC Berkeley Environmental Sciences Teaching Program, CREEC Network, Jane Goodall Institute, PowerLight Corp., and Bay Area Energy Alliance. For information about EarthTeam, how YOU can become involved in energy change, and the MKHC:*

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