

# A Better Exit Strategy



## Save Energy *and* Reduce Carbon Emissions Easily!

Commercial exit signs burn 24 hours a day, 7 days a week. Many older signs use Edison-style incandescent bulbs or fluorescent bulbs and can no longer be purchased new. Replacing these exit signs with more efficient LED versions significantly reduces electric use and cost as well as carbon emissions.

Based on what type of exit sign you have, and using our examples, you can determine the annual electricity cost per sign in your facility.



### WHAT KIND OF EXIT SIGN DO YOU HAVE?

| If Your Exit Sign Feels: | Type of Bulb  | Type of Sign | Sign Wattage | *Annual Electric Costs Per Exit Sign (at 8 cents/kWh) |
|--------------------------|---|--------------|--------------|---|
| <b>HOT</b>               |  | Incandescent | 30-40        | \$28.00   |
| <b>NORMAL</b>            |  | LED          | 2-3          | \$2.00  |

#### \*The Formula We Used:

$$\begin{aligned}
 & \text{_____ exit sign wattage} \\
 \times & \text{ 8,760 hours (one year)} \\
 = & \text{_____ watt hours per year} \\
 \div & \text{ 1,000} \\
 = & \text{_____ kWh consumed per year} \\
 \times & \text{_____ per kWh charge from your utility} \\
 = & \text{\$ _____ annual energy cost for one exit sign}
 \end{aligned}$$

LED replacements exit signs are estimated to last ten years. They cost about \$20.00 and will pay for themselves through energy savings in approximately one year. LED exit signs are recommended to replace old models and in areas where electric wiring already exists. Don't wait for your old exit signs to burn out to make the change to LEDs. Do it now and start to save!

If you need more information, contact Elizabeth Graves, MACED Energy Efficient Enterprises Project Manager at 859-986-2373 or egraves@maced.org. MACED can help analyze savings, order replacement signs and provide financing for upgrades costing more than \$1,000.

