# ENERGYWISE

for your Home



### a brighter idea

Did you know that your traditional holiday lights may be costing you a lot on your electric bill? Consider switching to LEDs (Light **Emitting Diodes) this** holiday season. LED lighting technology is more efficient, has a longer life span, is safer and can save you money on your electric bill. There's nothing better thanastringofsparkling lights – especially when you know they're saving you money and electricity.

# LED HOLIDAY LIGHTING – consider the switch – save energy and money!

### Benefits of LED holiday lights

#### **INCREASED EFFICIENCY**

- LED holiday lighting uses up to 90% less energy than traditional incandescent holiday lights
- New holiday LEDs will cost 20-50% more initially, but you will see energy savings immediately and they will pay for themselves more than once in the lifetime of use
- LED lights are easy to find all major retailers have them in stock, but buy them soon as they have been quick to clear the shelves in recent holiday seasons

#### **OPTIONS GALORE**

- LEDs come in a variety of shapes, sizes and lengths. They are available in nearly every color of the rainbow and can match almost any shape, size or length of traditional incandescent holiday lighting strings.
- Shapes include traditional bulb design, mini lights, net lights, rope, round, icicle, battery operated and garland, to name a few



#### LONGER LIFE SPAN

- LED holiday string lighting lasts about 10 times longer than traditional holiday lights and if one bulb goes out, it does not affect the entire string
- Holiday LEDs last up to 100,000 hours or more when used indoors and 50,000 hours or more when used outdoors. Some manufacturers provide a limited lifetime warranty





## There's nothing better than a string of sparkling lights – especially when you know they're energy efficient

#### SAFER LIGHTING OPTION

- LEDs are cool to the touch and are less likely to be a fire hazard
- With no glass bulbs to break, LEDs are shatterproof, shock resistant and safe to touch

#### ANOTHER QUICK TIP

 Use timers to ensure that your lights are not left on all day.

#### **CONTACT US**

To save energy and money, call SWCE at: 507-451-7340

Running LED holiday lights on one 6-foot tree for 12 hours per day for 40 days can save 90% or more energy when compared to incandescent holiday lights:

TYPE OF LIGHT	ELECTRICITY COST*
Standard C-7 (125 bulbs, 4 watts each)	\$27.21
Mini incandescent lights (300 bulbs, 0.4 watts each)	\$ 6.53
LED holiday lights (280 bulbs, 0.04 watts each)	\$ 0.61

<sup>\*</sup> Assumes an electricity price of 11.26 cents per kilowatt hour (U.S. Energy Information Administration Average Retail Price of Electricity to Ultimate Customers by End-Use Sector).

