

# Switching to Energy-Efficient Lighting

This playbook guides you through the process of switching to energy-efficient lighting. It covers selecting LED and CFL bulbs, understanding their benefits, and the expected impact on energy bills.

## Step 1: **Research**

Research different types of energy-efficient bulbs, mainly LED (Light Emitting Diodes) and CFL (Compact Fluorescent Lamps). Understand their benefits, such as lower energy consumption and longer lifespan, compared to traditional incandescent bulbs.

## Step 2: **Assess Needs**

Assess the lighting needs of your home or workplace. Determine the brightness (lumens), light color (Kelvins), and bulb shape or base that will be compatible with your existing fixtures.

## Step 3: **Compatibility Check**

Check the compatibility of your existing fixtures with LED and CFL bulbs. Ensure that dimmers, if any, are compatible with these energy-saving bulbs to prevent flickering or reduced lifespan.

## Step 4: **Purchase**

Purchase the selected LED or CFL bulbs based on your assessment. Look for the ENERGY STAR label to ensure quality and performance.

## Step 5: **Installation**

Safely install your energy-efficient bulbs. Turn off the power to the fixture before replacing the bulb. Follow the manufacturer's instructions for installation.

## Step 6: **Monitor**

Monitor your energy bills over the next few months to see the impact of switching to energy-efficient lighting. Expect a reduction in energy consumption and costs.

## **General Notes**

### **Disposal**

Ensure proper disposal or recycling of old incandescent bulbs or any used CFLs, as CFLs contain small amounts of mercury which require special handling.

### **Incentives**

Check for any available rebates, incentives, or programs from the government or utility companies for switching to energy-efficient lighting.