



Microsoft
Theater

Environmental Management System



SC & MT ENERGY CONSERVATION GUIDELINES

ENERGY GOALS:

1. To **REDUCE** electricity consumption
2. To **SAVE** money
3. To support renewable energy and energy efficiency

FACILITY OPERATIONS & ENGINEERING

“Each year in the U.S. about \$13 billion worth of energy in the form of heated or cooled air escapes through holes and cracks in buildings.”

American Council for an Energy Efficient Economy

- Avoid starting heavy equipment during peak hours (11am to 4 pm)
- Seek out more advanced and efficient lighting sources
- Set and lock thermostats between 68°-72°
- Close the windows and doors whenever possible
- Perform preventative maintenance on units and regularly inspect filters, belts, bearings, plenums and ducts
- Replace worn weather stripping
- Install time-clocks and/or motion sensors
- Purchase only ENERGYSTAR® rated or FEMP-designated high energy efficiency equipment

- Repair building leaks and cracks and improve insulation
- Keep kitchen hoods closed unless in use or install variable speed exhaust fans
- Install and maintain insulation blankets on water heaters
- Continue to seek out on-site renewable energy solutions
- Install vending misers on all beverage machines
- Clean cooling and condenser coils
- Shade condensers from direct sunlight.
- Insulate chilled and hot water piping and storage
- Adjust hot water temperatures to 100-110°F (except in food and beverage)



Photo: STAPLES Center & Microsoft Theater (formerly Nokia Theatre L.A. LIVE) turned off their lights in honor of Earth Hour in 2011



FOOD AND BEVERAGE

“Efficient lighting is not just a free lunch; it’s a lunch you are paid to eat.”

Amory Lovins, Rocky Mountain Institute.

- Plan ahead when you thaw food; put items in the fridge in advance rather than thawing under warm running water
- Install or repair plastic strip curtains in doorways of freezers and refrigeration
- Keep kitchen hoods closed when not in use or install variable speed exhaust fans
- Replace worn weather stripping
- Purchase only ENERGYSTAR® rated or FEMP-designated high energy efficiency equipment
- Install and maintain insulation blankets on water heaters
- Install automatic controls on anti-condensation and defrost devices to prevent continuous operation
- Only turn on the dishwasher when it’s filled to capacity

GUEST SERVICES AND SECURITY

- Perform an exterior light sweep at the end of the night and after events
- Report opportunities to reduce night time lighting to engineering

AROUND THE OFFICE

Some laser printers use as much as 150 watts on standby, running these all day can inflate power bills by up \$200 per year for each printer.

- Set your computer to ENERGYSTAR® mode so that it sleeps when not in use
- If you are leaving your office for more than 20 minutes, turn off the monitor
- Turn off printers, copiers, televisions and other equipment when leaving the office
- Using the standby button on your copier will reduce energy load by 70%
- Remember to turn off the lights
- Purchase only ENERGYSTAR® rated or FEMP-designated high energy efficiency equipment and appliances
- Report opportunities for efficiency gains (e.g. light occupancy sensors, LED replacements, etc.) to engineering
- Close the blinds on sunny days
- All new photocopiers and printers shall be ENERGYSTAR® rated Konica Minolta set up with default black and white, with duplex and sleep capabilities

Report improperly working equipment and opportunities to save energy to engineering

