



HOTEL OPERATIONS

Energy Efficiency



- 1 Switch to energy efficient fluorescent light bulbs in lobbies, hallways, public restrooms, offices, meeting rooms, outdoor areas, guest rooms.
- 2 Use motion sensors or timers to control lighting for meeting rooms, storage areas, public bathrooms, staff bathrooms, stairwells or on dark landings where light is only needed when passing through
- 3 Use an outdoor fluorescent light (CFL) that is between 9 and 18 watts if lighting outdoor areas for security.
- 4 Programmable thermostats with motion detectors used to control HVAC in guestrooms.
- 5 Glaze windows, install window film or upgrade to energy efficient windows to lower heating and cooling loads and to reduce glare in guest rooms.
- 6 Include filter changes, coil cleaning, thermostat calibration, and damper adjustments to your ongoing maintenance schedule.
- 7 Encourage staff to close drapes and turn off lights and air conditioning when rooms are unoccupied OR invest in an energy efficient key card system.
- 8 Provide guests with bicycles, walking maps and information on public transportation.

- 9 For pools and hot tubs, install a solar water heating system and use covers when closed.
- 10 Try to use daylight exclusively in your lobby, bar, and restraint for as much of the day as possible. Consider installing skylights if needed.
- 11 Replace exit signs with Light Emitting Diode (LED) exit signs.
- 12 Monitor, record and post rates of energy and water use. Make repairs or replace equipment when rate changes indicate problems.
- 13 Install an energy management system (EMS) to tie in air handling units, HVAC, and lighting to prevent conditioning space when it isn't necessary.
- 14 Consider replacing package terminal air conditioner (PTAC) units with more efficient heat pumps or other geothermal technologies.