

# Tri-County Green Business Program



## Energy Conservation Activities

1. Have an energy audit done on your facility; implement at least one recommended energy conservation measure. For example:
  - Add insulation
  - Lighting replacement, occupancy sensor installation- replace all T-12 and incandescent bulbs with efficient versions; find efficient lighting alternatives for retail spotlighting, i.e. halogens or LEDs; clean lamps/ bulbs for best efficiency
  - Appliance replacement with Energy Star version
  - Window replacement or repair
  - Weatherization, i.e. door weather stripping, cover windows with plastic, storm windows
  - Insulate water heaters, storage tanks and hot water pipes
  - Install programmable thermostats- use night and weekend setbacks and use 76° F for cooling, 68° F for heating during business hours
  - Set water heaters temperature to 120 degrees Fahrenheit or less
  - Replace exits signs with LED, electroluminescent, or photo luminescent versions
  - Install ceiling fans to circulate warm and cold air
  - Install blinds and institute policy that blinds are closed during hot summer hours and at night and weekends during the winter months.
  - Install renewable energy
2. Perform maintenance and commissioning on heating, cooling, ventilation and refrigeration systems and keep a log. For example:
  - Complete regular maintenance at least once a year for furnace and air conditioner
  - Clean permanent filters every two months, change replaceable filters every two months
  - Check entire system each year for coolant leaks, duct sealing, clogs, and obstructions of air intake and vents
  - Clean condenser coils of dust and lint once or twice per year
  - Clean evaporator coils of excessive frost
  - Inspect and repair economizers on AC systems
3. Program computers and printers to efficiency modes. For example:
  - Set monitors to sleep mode after 15 minutes of inactivity
  - Set the energy saver feature on copy machine
  - Install smart strips, to replace power strips (they turn off power to all appliances when not in use after determined period of time)
4. Use task lighting rather than lighting entire area when appropriate.
5. Post signs prompting staff to turn off lights when not in use.