

Energy-Efficiency Tips

For Our
Business
Customers

(Energy-Efficiency Tips, continued)

Hot and Cold Water Systems

- Set thermostat(s) at 110 degrees or to any code requirement.
- Inspect the water-supply system periodically and repair any leaks, including faucets.
- Inspect insulation on storage tanks and repair or replace as needed.
- Add insulation to storage tanks and hot water lines.
- Use flow restrictors and water saving showerheads.

Tampa Electric's **Water Heating program** offers incentives up to \$60 per ton when you install a high efficiency water heating system.

Miscellaneous

- Turn off machines when not needed.
- Avoid simultaneous startup of equipment to minimize peak kilowatt demand.
- When replacing worn and defective motors, use motors sized as close to the load as possible, and specify high-efficiency motors.
- Review startup and shutdown procedures with employees to ensure equipment is not started before needed or left on longer than necessary.

Learn more about Tampa Electric's energy-saving programs, specific guidelines and download rebate applications at tampaelectric.com (Choose *Business*, followed by *Save Energy*).



tampaelectric.com



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Being a wise energy consumer is good for the environment and your bottom line. So consider these energy-efficiency tips:

Heating and Cooling

- Heat and cool only in frequently used spaces.
- Set thermostats to lowest comfortable setting for heating (68 degrees); the highest for cooling (76 degrees).
- Reduce internal heat generation as much as possible during cooling season.
- Install locking covers on all accessible thermostats to avoid tampering.
- Minimize the use of strip heating. Disconnect if in excess of 2 kilowatt per ton of A/C.
- Consider installing programmable thermostats that can shut down heating, A/C and ventilating equipment during unoccupied periods.
- Replace air filters monthly.
- Turn off all non-critical exhaust fans.
- When using an exhaust hood in food preparation, add control or gravity dampers to keep exhaust duct closed when fan is not in operation.
- Sign up for a regularly scheduled systems maintenance program.
- Consider adding controls to shut ventilation system off whenever the building is unoccupied for an extended period of time (i.e. evenings and weekends).
- Make outdoor air dampers as airtight as possible when closed.

Tampa Electric's **Cooling program** offers incentives of approximately \$30.00 per ton, or \$0.0025 per Btu for installing new equipment that meets our energy-efficiency standards.

Lighting

- Turn off lights in all unoccupied rooms.
- Replace incandescent lamps with high-efficiency compact fluorescent lamps (CFLs).
- CFLs provide virtually the same light at one third the wattage, and the rated lamp life will be 5 times longer than incandescent lamps.
- Retrofit existing fluorescent fixtures with electronic ballasts and T8 lamps.
- Install occupancy sensors, which detect occupants in a given space, to turn lights on or off. (Good in storage rooms, break rooms, offices, restrooms, corridors, garage and dock areas, etc.)
- Replace incandescent lamps in "exit" signs with light emitting diode (LED) lamps. This will reduce energy consumption and maintenance costs and increase the sign's life to up to 10 years.
- To maintain light levels, establish a maintenance program to change all lamps and clean all fixtures at a predetermined time.
- Control all outside lighting systems with timers or photocells, making sure you adjust them to the changing seasons.

Tampa Electric's **Lighting program** offers incentives up to \$0.15 per watt reduction for replacing your current lighting system with a new, more efficient system. Our **Lighting Occupancy Sensor program** offers a \$75 rebate per kilowatt of lighting load controlled when you install permanent lighting occupancy sensors that meet our specifications.

Refrigeration

- Consolidate items to enable spare units to be turned off.
- Keep seals and latches in good operating condition.
- Maintain temperatures no colder than necessary.
- Install plastic strip curtains at doors to walk-in units to reduce cooling losses when doors are open.
- Maintain proper refrigerant and adequate product spacing for proper circulation.

Building Envelope

- Install door threshold(s)/weather-stripping.
- Caulk and seal around window and door frames.
- Consider installing awning, solar film or solar screens.
- Consider verifying and upgrading/installing building insulation.
- Install automatic door closers.
- Install plastic strip curtains or an air curtain between conditioned and non-conditioned spaces.

Invest in energy-efficient improvements and earn incentives for a wide range of upgrades at your facility. Ask about Tampa Electric's **Building Envelope Improvement program**.



(Continued on reverse)