



Energy Tips for Business

Pacific Gas and Electric Company offers the following tips to its small business customers to help them reduce their energy usage and save money:

Office Equipment

- Turn off all office equipment and lights every night and weekend. If you can't turn off the whole computer, turn off the monitor and the printer.
- When purchasing PCs, monitors, printers, fax machines and copiers, consider ENERGY STAR[®] models that "power down" after a user-specified period of inactivity.
- If appropriate, use laptop computers and inkjet printers — they consume 90 percent less energy than standard desktop computers.
- Use e-mail instead of sending memos and faxing documents.
- If you need to print, consider double-sided printing and reusing paper.

Lighting

- Retrofit T12 lights with magnetic ballasts to T8 lights with electronic ballasts.
- Replace incandescent light lamps with compact fluorescent lamps.
- Consider removing excess fluorescent lights and installing reflectors. Lighter colored walls need less light.
- Install motion detectors to control lighting in frequently unoccupied areas, such as restrooms.
- Retrofit incandescent or fluorescent exit signs with long-lasting, low-energy LED exit signs.
- Clean dusty diffusers and lamps every 6-12 months for improved lumen output.

HVAC

- Set thermostats at 78 degrees F for cooling in the summer and 68 degrees F for heating in the winter.
- Install electronic time clocks or setback-programmable thermostats to maximize efficiency.
- Install locking covers on your thermostats to prevent employee tampering with temperature settings.
- Regularly clean condenser coils, replace air filters, and check ducts and pipe insulation for damage.
- Consider installing an air conditioning economizer to bring in outside air when cool outside.
- Consider replacing old HVAC systems with new energy-efficient systems.
- Install ceiling fans.
- Install blinds or solar screen shades. Use reflective window film or awnings on all south-facing windows.
- Install ceiling and wall insulation.
- Insulate water heaters and supply pipes.

Refrigeration

- Perform scheduled maintenance on units, especially keeping evaporator coils clean and free of ice build-up.
- Adjust door latches, replace worn door gaskets, install autoclosers, and add strip curtains to walk-in doors.
- Use night covers on both vertical and horizontal display cases.
- Disconnect anti-condensate heaters.
- Keep refrigerators full (water jugs make good fillers).

Food service equipment

- Consider replacing some or all electric cooking equipment with comparably sized gas-fired equipment.
- Purchase insulated cooking equipment whenever possible (e.g., fryers, ovens, coffee machines).
- Preheat cooking equipment no longer and at no higher setting than the manufacturer's recommendation.
- Use cooking equipment to capacity. Fully loaded equipment utilizes energy more efficiently. Turn off unused and backup equipment during low production periods.
- Filter fryer oil at least once a day to extend the oil life.
- Don't overload fryer baskets beyond the recommended capacity. Overloading increases cook time.
- Where applicable, replace broilers with grooved or smooth griddles to significantly reduce the associated energy consumption.
- Make sure oven doors fit tightly and gaskets are in good condition.



Energy Tips for Clean Air Transportation

Pacific Gas and Electric Company offers the following information to its customers to help them utilize natural gas as a vehicle fuel:

- Is anyone driving a natural gas car?
Yes - there are almost 130,000 Natural Gas Vehicles (NGVs) on U.S. roads today and over two million worldwide.
- If I had a natural gas car, could I get fuel?
Yes - there are over 1,300 natural gas vehicle fueling stations in the U.S. - over half are available for public use.
- Is it cheaper to fuel a car with natural gas?
Yes - natural gas fuel costs are, on average, one-third less than conventional gasoline costs at the pump.
- How does natural gas compare to gasoline and diesel?
Natural gas transportation fuel prices have remained about \$0.40 to \$0.80 per gallon equivalent lower than gasoline and diesel prices.
- What is the availability of natural gas vehicle?
There are over 50 different manufacturers that produce 150 models of light, medium and heavy-duty vehicles and engines.
- How much cleaner are natural gas vehicles?
Natural gas produces 10% to 20% lower carbon dioxide emissions than diesel and gasoline fuels.
- How does natural gas play a role in the hydrogen future?
Natural gas comprises 80% of hydrogen fuel.

Want to learn more about natural gas as a transportation fuel? Visit www.pge.com/cleanair/ or call (800) 684-4648.