

Energy Efficiency Tips

that can help you save money...and the environment!



National Fuel[®]

fuel for thought

You'd be amazed at what you can save.

Natural gas is the most efficient and cleanest fossil fuel available. According to the U.S. Environmental Protection Agency, natural gas produces a significantly smaller volume of greenhouse gasses, compared to oil or other fossil fuels used in the production of electricity. When you conserve natural gas, you not only help your pocketbook, you reduce emissions further, making the air cleaner for everyone. Just a few small, inexpensive steps can make a big difference!

Keep The Cold Out

Reducing air leaks could cut as much as 10% from your monthly energy bill. Seal leaks around doors, windows, and other openings such as pipes or ducts, with caulk or weather stripping. The most common places where air escapes from homes are:

- a** floors, walls, ceilings
- b** ducts
- c** fireplace
- d** plumbing penetrations
- e** doors
- f** windows
- g** fans and vents
- h** electric outlets

Quick, easy energy savings

1 Set thermostats between 65° and 70° during the winter, and at 58° when away from the house for more than a few hours. While sleeping, add an extra blanket for warmth. Bear in mind that warmer temperatures are recommended for homes with infants or ill or elderly persons.

2 Turn down thermostats automatically without sacrificing comfort by installing a programmable thermostat.

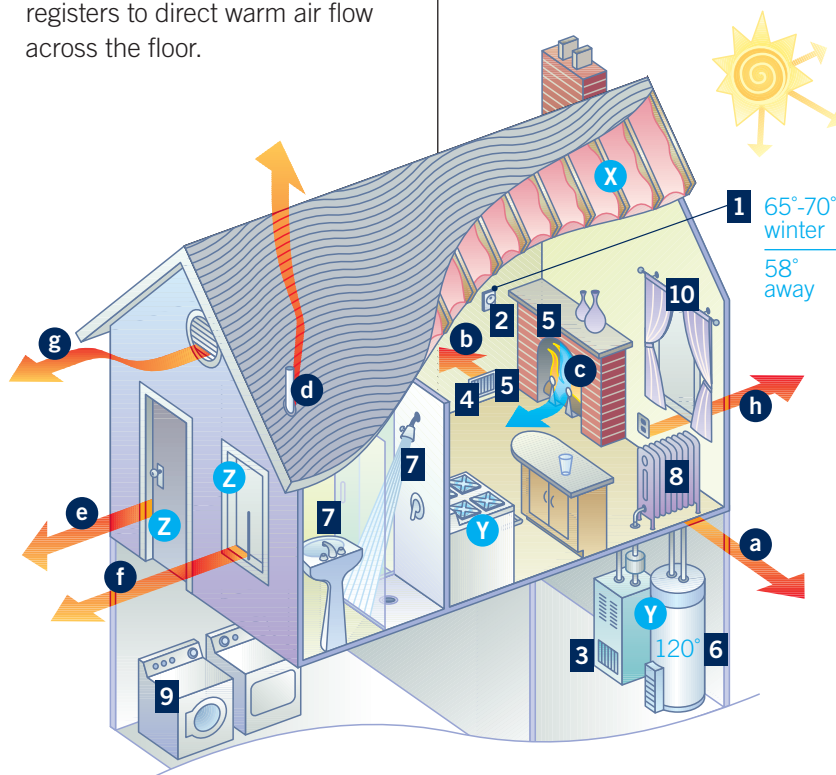
Savings: By turning your thermostat back 10°–15° for eight hours, you can save about 5–15% a year on your heating bill – a savings of as much as 1% for each degree if the setback period is eight hours long.

3 Change or clean furnace air filters once a month during the heating season. Furnaces consume less energy if they “breathe” more easily. Use the arrival of your natural gas bill as your reminder to change the filter.

4 Warm air rises, so use registers to direct warm air flow across the floor.

5 Close vents and doors in unused rooms and close the damper on your fireplace when it is not in use.

6 Set your water heater to 120°, or the medium temperature setting. You'll enjoy energy savings without reducing comfort. A family of four, each showering for five minutes a day, uses 700 gallons of water each week. Not surprisingly, water heating is a typical family's third largest energy expense, accounting for about 14% of the utility bill.



7 Install water-flow restrictors in showerheads and faucets.

8 If radiators are located near cold walls, place a sheet of aluminum foil between the radiator and the wall to reflect heat back into the room.

9 Run washing machines and clothes dryers only with a full load.

10 On sunny days, let in the sun's warmth. Open draperies and blinds on windows that receive direct sunlight. Close them at night or on cloudy days to insulate against the cold air outside.

Long-term energy efficiency improvements.

X Make sure the recommended levels of insulation are installed in your attic and basement.

Y Older furnaces aren't nearly as fuel efficient as today's high efficiency models. Even if it's still in good working condition, an older furnace could be using approximately 20% more fuel than a new high-efficiency furnace. And an old water heater could be just as inefficient as an older furnace. When shopping for new appliances, compare energy efficiency ratings and annual operating costs.

Z Install storm or thermal windows and doors or double-paned glass. A less expensive alternative is plastic sheeting, which can be temporarily fastened over doors and windows to prevent drafts and retain heat.

Sources for more information on using energy wisely.

Visit the following web sites for more information on forecasted energy prices, detailed home energy conservation strategies, and energy-efficient home improvement materials:

Visit www.ase.org: The Alliance to Save Energy has posted some tips on its web site to help consumers avoid "\$ticker \$hock" this winter.

Visit www.aga.org: The American Gas Association web site is a valuable resource for understanding the benefits and availability of clean, safe, reliable natural gas.

Visit www.energysavers.gov: This Department of Energy web site offers additional information on general energy conservation tips.

Bill Payment Programs

National Fuel offers billing arrangements or assistance programs designed to help you manage your energy bills. Now is a great time to consider enrolling in the Budget Plan to make paying wintertime bills easier.

Special Assistance for Low-Income Households

We care about our customers. If you have problems paying your National Fuel bills, please contact us for personal assistance.



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www.nationalfuelgas.com

If you have a question, problem or request, please call us Monday through Friday, 7am to 6pm.
Erie, PA area: (814) 871-8200 All other areas: (800) 365-3234

For gas emergencies, call 1-800-444-3130, 24 hours a day, 7 days a week.

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