



ENERGY SAVING CHECKLIST FOR HOMEOWNERS

We love helping homeowners save money. Of course, we feel the best way to accomplish a substantial savings is to replace old builder grade windows with beautiful new energy efficient replacement windows. We are in hopes that you'll consider having us come and visit you, so that we can show you the comfort and financial savings you'll enjoy with our replacement windows. There is no other company in our service area (North Carolina) that can provide you the quality and feature set we have at our **low price**.

HOW TO USE THE CHECKLIST

You'll be amazed at how easy it is to reduce your energy usage and expenses by simply being aware of where you are losing energy.

Email this energy saving audit to your friends, neighbors, co-workers and relatives. They'll thank you!

We have tried to categorize by room or appliance. It's impossible to create the perfect checklist because activities or products overlap different areas in the home.

This checklist can be used repeatedly. Set a date to do your audits and replacements. This won't happen by accident.

Just check off the steps you have taken care of.

Teach children how to save energy

You'll be shocked at how many things children do each day that wastes energy and cost parents money. Children are creatures of habit and we can't expect them to help save energy, if we don't show them how they can help. Make it fun. Give them a small reward, when your monthly energy bills is lower. The old saying "That which you reward, gets repeated" is true when it comes to the kids.



ENERGY AUDIT AND ACTIVITY CHECKLIST

HEATING AND COOLING

- Turn down water heater temperature to the warm setting. (120°F)
- Check water heater has an insulating blanket. (Prevent heat loss.)
- Prevent reduction in heating efficiency by flushing the drain on your water heater monthly. (Reduce sediment buildup)
- Set your water heater to “vacation” setting when away for 2+ Days.
- Insulate heating ducts in unheated areas (attics and crawlspaces) to prevent heat loss in the winter.
- If not insulated, have an insulation contractor blow cellulose into the walls.
- Improve, add or replace attic insulation to improve the air quality and extend air conditioner life.
- Install an Energy Star compliant programmable thermostat and set a schedule.
- During the winter, open curtains on your south-facing windows during the day to allow sunlight to naturally heat your home, and close them at night to reduce the chill you may feel from cold windows.
- Change your furnace and all air filters on a regular basis. (Check your Owner’s Manual. Probably every 1-3 months.)
- Set your thermostat fan to “auto” so that it doesn’t run nonstop.
- Set Thermostat to 68 degrees in winter.
- Fans should run counterclockwise in summer, clockwise in the winter.
- Ceiling fans can be used in place of air conditioners, which require a large amount of energy. If you don’t have AC consider a “whole house” attic fan.
- Keep furniture, curtains, and other objects away from heater/air conditioning outlets, to allow conditioned air to flow freely into room.
- Caulk and weather stripping where necessary to prevent heat and cold air loss.
- Dust and open all Air vents and keep them unobstructed from window coverings.
- Clean outdoor air conditioning unit.
- If you replace your roof a light color will be helpful.
- Use window coverings to block the heat and cold.
- Be on the lookout for air leaks and seal them.
- Don’t leave heating or air conditioning on if you open a window.

LIGHTING

- Survey your incandescent lights for opportunities to replace them with compact fluorescent lights (CFLs) or light-emitting diodes (LEDs). CFL’s can save enormous energy. (Do not throw a CFL in the trash. Drop them off at the proper waste facility.)
- Consider installing timers, photocells, or occupancy sensors to reduce the amount of time your lights are on.
- Halogen lamps can be a fire hazard. If you use any halogen lamps keep them away from flammable materials.
- Turn off lights and fans when exiting a room. (If not automated.)

BATHROOMS

- Install a low-flow showerhead, ASAP. Save you a fortune on water bill.
- Fix leaky faucets.
- Fix running toilet.
- Install low-flow toilet. Save thousands of gallons of water each year.
- Install Energy Efficient Faucet Aerator.
- Install High Efficiency faucets.
- Replace washers on faucets that drip. A leaky faucet can waste hundreds of gallons of water at one drip per second.
- Turn off the water while brushing teeth.
- Shorten your shower time.
- Turn off Exhaust Fan.
- Use cold water whenever possible.

ENERGY AUDIT AND ACTIVITY CHECKLIST

KITCHEN

- Use smaller appliances whenever possible. A crockpot or microwave will use less energy than a stove or oven.
- If you are using the oven try to cook more items at the same time.
- Only plug in toaster when using it.

APPLIANCES

- Replace your old energy wasting appliances. Look for products that are ENERGY STAR certified by the Federal Government.
- Unplug all appliances when not in use.

DISHWASHER

- Do not pre-rinse dishes. (Wastes water) Scrape dishes off.
- Do not run dishwasher until it is full.
- You'll save a lot of energy by hand drying dishes rather than using the drying process of dishwasher.

REFRIGERATOR

- Use a bristle brush (or vacuum) to keep the condenser coils clean on the refrigerator.
- Try to keep appliances that create heat away from the refrigerator.
- Organize the refrigerator so you can get to the things quickly and reduce the time the door is open.
- Small note (but Important) Allow warm foods to cool down before placing them in the refrigerator.
- Check the Temperature Inside In order for your unit to provide the greatest efficiency for your family, set your refrigerator temperature to between 36-38°F and the freezer to between 0-5°F.
- Keep the door to the refrigerator closed, so cold air can't escape.
- Regularly defrost your refrigerator and freezer to maintain cooler temperatures.
- Keep refrigerator full, but don't overstock the refrigerator and lose efficiency.
- Make sure rubber seal on the door of your refrigerator is in good shape.
- Don't open refrigerator if you have the ice feature on the door.
- Cover food before placing in the refrigerator.

OVEN

- Clean the pans beneath the burners. This allows better reflection of heat upward to the pots and pans.
- Use microwave to cook when possible. Most efficient method.
- Do not line racks with foil which negatively impacts air circulation.
- When cooking in pots and pans, use covers to retain the heat.
- Some stoves have small and large burners. Use the appropriate size.

ENERGY AUDIT AND ACTIVITY CHECKLIST

LAUNDRY

- Use cold water whenever possible.
- Run full loads whenever possible.
- Clean the lint filter every time you use the dryer.

MISCELLANEOUS

- Consider replacing desktop computer with a notebook computer.
- If your windows are old and leaky, it may be time to replace them with energy-efficient models to boost efficiency.
- Plant shade trees around your home. (West side most important.)
- Turn off your computer monitor when not in use for more than 20 minutes and turn off both the CPU and monitor if you're not going to use your computer for more than 2 hours. (Set "Sleep Mode".)
- Unplug equipment that drains energy when not in use (i.e. cell phone chargers, fans, coffeemakers, desktop printers, radios, etc.).
- Buy locally grown fruits and vegetable. Reduce energy use transporting the produce.



No other window replacement company can compete with American Energy Windows prices for true quality.

**We Have a Special Sale This Month
Call (980) 202 - 5770 today for details**

Reminder: Email this list to your friends, neighbors, co-workers and relatives. Imagine the positive energy saving impact that will take place by multiplying energy saving knowledge through other people.
We can all make a difference by working together.

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