

RESIDENTIAL ENERGY ASSESSMENT PROGRAM

What we offer

STEP 1 ON LINE EVALUATION OF ENERGY USED IN THE HOME

Conserving energy in the home can save money. Understanding how appliances, heating/cooling equipment and lighting utilize energy may help you reduce energy costs. An ON-LINE [Energy Conservation calculator](#) is available on the City of Concord Electric Department's web site at <http://www.concordnc.gov/Departments/Electric>.

This [Energy Depot for Homes](#) includes:

- **A Personal Energy Profile**
Customer billing history is analyzed in conjunction with answers to an online survey regarding home energy systems and practices.

- **An Energy Calculator**
This calculates the annual energy costs for the complete range of home energy systems and appliances. It is designed to return your cost quickly without the need to perform a full audit. *(Both electric and gas appliances are included)*

- **A Comparison Tool**
Use this tool to quickly compare your existing home heating and air conditioning system, or water heater, with a new system. You can also compare two new systems to each other. You will receive annual energy use and cost, annual and monthly savings estimates and more. *(Both electric and gas systems are included)*

- **Energy Library**
The library contains more detailed and specific information to address your energy questions and help explain your personal energy saving recommendations. It contains sets of energy fact sheets categorized by system or appliance.

STEP 2 ELECTRIC USAGE HISTORIES

e-Care is an additional function on the Concord Web Site, under Resident, for our utility customers.

You access **e-Care** on the City of Concord's web site with the **Resident** link or go to: <http://www.concordnc.gov/Resident/eCare-Account-Login>, to log in and view electric usage information, pay your bill, or report a problem.

CITY OF CONCORD ELECTRIC SYSTEMS

STEP 3 ENERGY AUDIT / SURVEY

The City of Concord's Electric Department is committed to assisting our customers with controlling their electrical usage. If you have questions, after utilizing the web based tools above, a residential assessment program may be provided with no fee to residences receiving electric power from the City of Concord.

Upon request, the City Of Concord's Electric Department representative will visit the home, perform a walk-about survey, and make suggestions to the customer concerning energy saving methods. The representative may also provide the customer with information pertaining to the electric energy bill.

A checklist outlining the most important aspects of the energy survey will be completed by the energy surveyor. A copy of this checklist may be provided to the customer.

The energy assessment may provide information on all, or a portion, of the following topics:

- Attic insulation and ventilation
- Floor insulation and ground cover
- Wall insulation
- Double pane or storm windows
- Window and door repair
- Metal insulated or Wood doors
- Shade (Solar) screen (East & west)
- Low flow Shower Heads
- Water heater and pipe insulation and repair
- Water heater replacement
- Duct repair and insulation
- Heat Pump or Central Air Conditioning
- Thermostat (Clock or programmable)
- Room Air Conditioners
- Kitchen and Bath Exhaust Fans
- Mobile home skirting
- Infiltration Control

The implementation of energy conservation measures, listed above, may be prioritized by overall savings. This prioritizing will assist the customer in order to have the greatest savings after the cost of improvements.

The City of Concord will not make improvements. The homeowner is responsible for paying for any energy improvements recommended and coordinating all contracts for home improvement.

To schedule an appointment for energy assessments please call: 704.920.5555