

This Free Device  
Can Save You  
40 Percent Off  
The Cost Of  
Electric Space &  
Water Heating



## With Electric Thermal Storage & Dual Fuel

# Nearly 400 NHEC members are saving 40% on electric heating costs

Nearly 400 New Hampshire Electric Cooperative customers are already taking advantage of the **40 percent** savings offered on electric heating costs through the Cooperative's Electric Thermal Storage heat and Dual Fuel programs.

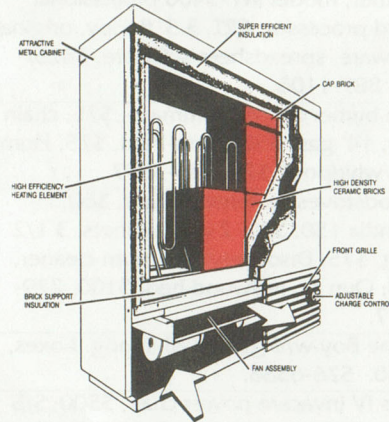
These two programs allow you to use cheaper, off-peak electricity to heat your home.

There are certain times when electric use increases dramatically, creating a electric demand peak for the co-op. The Co-op pays a demand charge to its power suppliers so that enough electricity will be available during these times of peak demand. If we can lower that peak, we save on demand charges, and the savings are passed on to you.

### ELECTRIC THERMAL STORAGE

Electric Thermal Storage heaters use electricity to heat up bricks within the unit during the Cooperative's off-peak hours, when electricity is cheaper because there is less demand for it. The high-density bricks within the unit are designed to store vast amounts of heat for extended periods of time. Then

during the on-peak hours, when heat is needed small fans circulate the heat stored in the bricks evenly throughout the room.



ETS heaters can easily replace or be used in conjunction with traditional electric heat, or be included in the planning of a new house and provide you with 40 percent savings. **Homes with existent electric heat are probably most suitable for ETS.**

### DUAL FUEL

A Dual Fuel system will allow savings of up to 40 percent on the electricity used in heating the home.

As the name suggests, dual fuel systems heat your home with two fuels, electricity as the primary source, and either oil, gas, or wood as a backup heating source. The backup heating system is necessary for the times when the electric heating system is "controlled".

The Co-op lowers the peaks by "controlling" or turning off certain electric appliances by use of a radio signal.

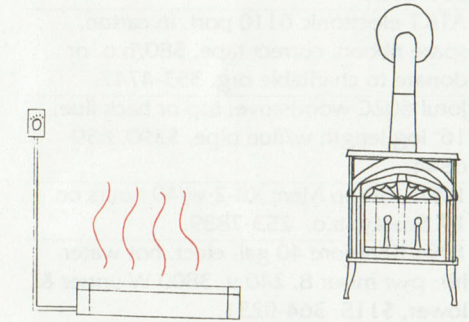
Under the dual fuel program, when the electric heat is controlled, a backup heating system is started up to heat the home.

**The primary customers for the dual fuel system are those people with electric heat and a wood stove or wood furnace already existing; however, those homes with electric heat accompanied by an oil or gas furnace are also good candidates. Conversion cost for homes with two existing heating sources is relatively low.**

Be aware that the backup system (wood stove, wood furnace, oil or gas) must be large enough to heat the entire home.

The flexibility of dual fuel allows you to switch between heat sources. If the price of one fuel goes up dramatically, you can switch to the other fuel source. Or if one system malfunctions, you have the other system available.

matic. With an automatic system, normally oil or gas, the backup heating system comes on automatically during



the electric heat control times. With a non-automatic system, normally a wood stove or wood furnace backup, a light or bell alarm goes off during control times, signalling the home owner should have a fire going in the wood stove or wood furnace.

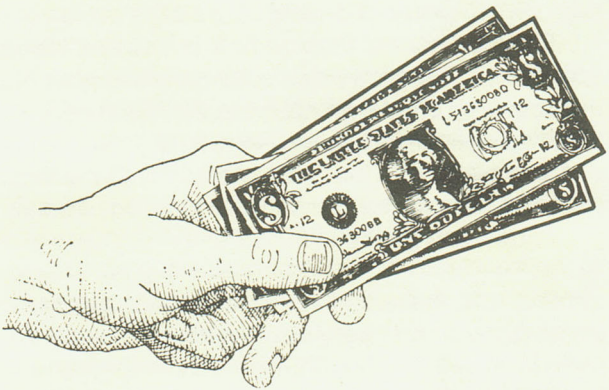
As a safety measure a 45-degree temperature override is installed with non-automatic systems, so if you are not home during a control period the electric heat will come on if your home temperature dips below 40 degrees.

If you would like more information on Electric Thermal Storage or Dual Fuel heating, call the NHEC Member Services Department at 603-536-1800 or 1-800-698-2007(NH only).

Please be aware that there is often a back-log of information requests, so it may take time before someone gets back to you. NHEC appreciates your patience.



# The Warm Room Concept



Save 40% or More  
On Electric Heating Bills  
By Installing  
**Electric Thermal  
Storage Heat**