**<u>WE CAN HELP!…with the rising costs of heating fuels.</u>** Electric Thermal Storage (ETS) can provide relief from escalating heating costs and offer affordable, stable heating bills for many years to come. ETS units are clean, safe, reliable, easy to operate, and comfortable.

We can help by combining the ETS unit and the TOU rate.

**What is the Time of Use (TOU) Rate?**

On-peak hours are when the electricity is in high demand. Off-peak is when electricity is plentiful and in low demand and therefore we can sell it at an economical rate. If CNMEC can move a lot of the demand to off-peak and level out the power demand throughout the day, it will bring down our power costs. TOU rates and ETS units will help to accomplish this task.

**<u>TIME OF USE RATE -Residential Rate</u>**

Service Charge $19.00
On Peak - .15 per kWh
Off Peak - .0397 per kWh



**Winter Months (October to March 31)**
Off Peak 10:30 p.m. to 6:30 a.m. & 9:00 a.m. to 4:30 p.m.
On Peak 6:30 a.m. to 9:00 a.m. & 4:30 p.m. to 10:30 p.m.

**Summer Months (April 1 to Sept. 30)**
Off Peak 10:30 p.m. to 4:30 p.m.
On Peak 4:30 p.m. to 10:30 p.m.

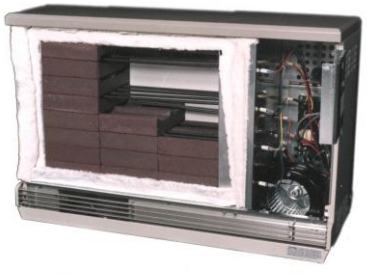
- Must have time of use meter installed.
- Must remain on the "Time of Use" Rate for two years. If the consumer decides to switch back to the regular meter within two years, the consumer will pay the connect fee of $50.00, plus tax and mileage.
- The installation of a 9.0 kW or larger ETS unit is required to receive this rate.

As necessary, CNMEC may need to change the rate for usage and/or the amount of on peak, off peak hours.

**<u>ADVANTAGES TO THE CONSUMER</u>**:

This rate will save the consumer money if the consumer is willing to slightly change his/her lifestyle. If a consumer does the household work, i.e. laundry, vacuuming, ironing, computer work, etc. during the off-peak hours they can lower their energy bill by at least 1/3. Because the consumer has an Electric Thermal Storage (ETS) unit, they can save even more as the units have an internal clock that only allow the units to heat during the "off-peak" time. If an electric water heater is used with a timer on the "off-peak" hours, more energy is saved. (The Co-op has timers available.) It is all a matter of a few lifestyle changes and timing devices and your energy savings may double. With propane and natural gas prices increasing, electricity is not only safer and cleaner, but more economical, as well.

1. **What is an ETS unit?**
   ETS (**E**lectric **T**hermal **S**torage) is a heating device that heats up high-density ceramic bricks during the off-peak time and stores the heat to be used during the on-peak periods. These units, in conjunction with the "Time of Use" rate, are <u>very</u> economical and can cut the total energy bill in half for our residential customers.



2. **What types of ETS units are available?**
   ETS units are available as a room unit or a centralized unit that can heat the entire home. The centralized unit can also be set up to cool the home in the summer by combining the unit with a heat pump. Utilizing a Comfort Plus unit with a heat pump allows the heat pump's high efficiency to be combined with off-peak electric rates making this heating and cooling system one of the lowest operating cost options available.

3. **What size unit will the customer need?**
   There are several different sizes of ETS units. The size needed will depend on the size of the area to be heated, as well as the insulation factors of the area. The Co-op electrician will size the room or home and recommend the type of unit that will be most efficient for the job.

4. **What is the cost?**
   Prices for purchasing the units range from $1000 to $1675 on the room units. The Comfort Plus Central Unit ranges from $2900 to $4900. (Additional costs for the heat pump unit)

## CONSUMER REQUIREMENTS

- ETS Unit(s) must be installed by a licensed contractor.
- All costs of the installation are the responsibility of the customer.
- ETS repairs are the responsibility of the customer and must be performed by a certified ETS contractor.

## RETROFIT INSTALLATION REBATE INCENTIVE

Room Units, Comfort Plus, Hydronic $20.00/kW
ETS Comfort Plus w/Heat Pump
$20.00/kW + $125.00/ton

