

## Electric rate: 5.3¢/kWh

Central storage furnaces and boilers use electric thermal storage (ETS) technology that converts electricity to heat during low-cost off-peak hours and stores the heat in specially designed, high-density bricks, which provide enough heat from storage to heat your home during the 16-hour on-peak portion of the day.

- Heat is distributed through forced air or hot water systems.
- A sensor monitors outdoor temperature to determine how much heat must be stored in the bricks to adequately heat your home.
- The storage furnace or boiler offers an industry leading five-year parts warranty for both parts and services.
- A central storage furnace or boiler can serve as your sole heating source, or can be used to supplement heat pump systems.
- \$25/kw rebate for qualifying Storage Space Heating systems installed in 2012.

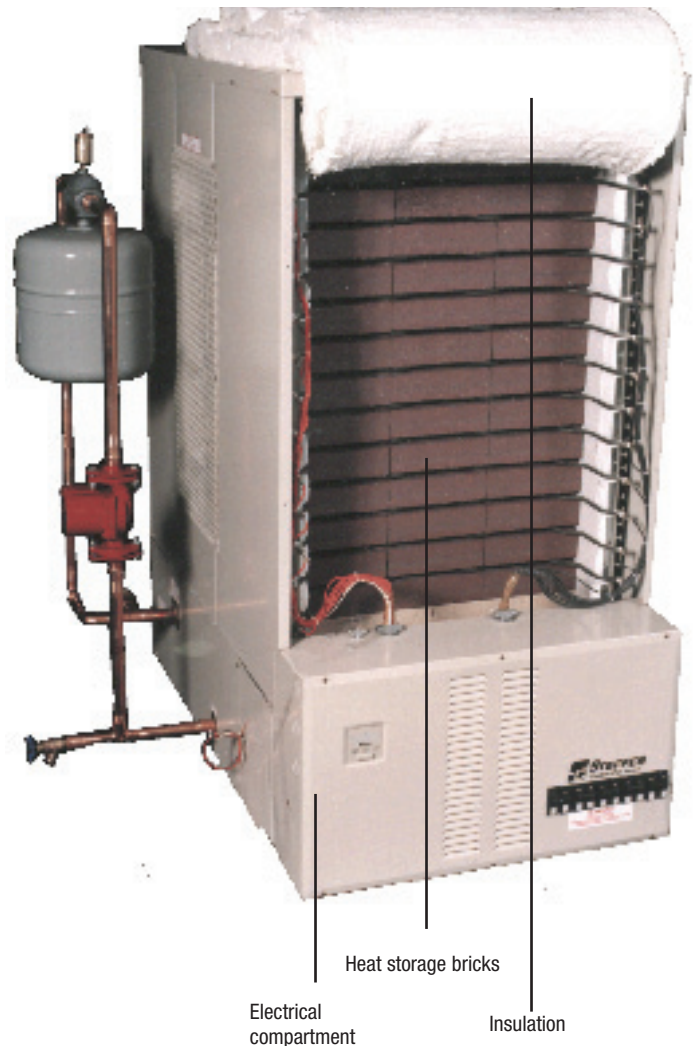
Plus, it's safe and clean. No chimneys, no flues, no backdrafts. No carbon monoxide.

For whole-house Storage Space Heating systems, members may be eligible for 0-2.99% financing up to 10 years, maximum loan amount of \$25,000. Contact Center for Energy and Environment at 855-335-5835 for details.

## Home heating cost comparison

Propane	5.3¢/kWh electricity
70% Efficient standard unit	Equivalent to 99 cents/gal. propane
90% Efficient high-efficiency unit	Equivalent to \$1.28/gal. propane
Natural Gas	5.3¢/kWh electricity
70% Efficient standard unit	Equivalent to \$1.09/therm natural gas
90% Efficient high-efficiency unit	Equivalent to \$1.40/therm natural gas

Reduced rates do not reflect any variable wholesale power cost adjustment that may be required. Rates are subject to change.



For sizing and pricing information contact a registered installer of Steffes storage heating equipment. Visit [heatforlessnow.com](http://heatforlessnow.com) to find a list a registered installers in your area.

Call your East Central Energy trusted energy advisors or visit [eastcentralenergy.com](http://eastcentralenergy.com) for more information.

# Electric heat is a great deal!

Compare the facts. With ECE's off-peak rates, electric heat can be more economical than other fuel sources. And because there's no flame or danger of harmful fumes, electric heat is the safest heating option available.

## Annual fuel cost comparison

System	Efficiency	Energy	Unit cost	Annual Heating Cost
Ground source heat pump on residential rate	350%	7,550 kwh	\$0.115/kwh	\$868
Electric thermal storage on ES rate	100%	26,255 kwh	\$0.053/kwh	\$1,392
Conventional electric system on dual fuel/storage water heating rate	100%	26,255 kwh	\$0.057/kwh	\$1,497
Conventional electric system on dual fuel only rate	100%	26,255 kwh	\$0.061/kwh	\$1,602
LP gas furnace LP gas/air source heat pump	90%	1,067 gal* 534 gal/6,556 kwh	\$2.00/gal \$0.074/kwh	\$2,134 \$1,552**
Oil furnace	85%	763 gal*	\$3.00/gal	\$2,289
Natural gas Natural gas/air source heat pump	90%	995 therms* 498 therms/6,556 kwh	\$1.10/therm \$0.074/kwh	\$1,095 \$1,033**

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\* to determine a more accurate heating cost, multiply the energy number shown by the unit cost that you are currently charged for your fuel.

\*\* Air source heat pump is rated at 200% efficiency, and is calculated to provide 50% of the heating energy.

Annual energy use based on heating a 1600 sq. ft. (32'x 50') home with R=19 walls and R=44 ceiling including an insulated lower level requiring 89,506,000 BTUs heat energy annually.