



Energy Efficiency Is Key in Saving Money on Your Electric Bill

Homeowners can save energy while improving their home's comfort level by adopting energy-efficient practices. Substantial savings are possible by increasing your home's efficiency. Look for ENERGY STAR products when upgrading your home for energy efficiency. An ENERGY STAR-labeled product or appliance indicates superior energy performance.

The ENERGY STAR program is a great place to begin, whether you are making improvements to an existing home or building a new home. Learn more at www.energystar.gov

to understand the steps to improve the energy efficiency of your home.

Central Georgia EMC (CGEMC) offers a number of programs and services designed to help members conserve electricity and save money. CGEMC can make recommendations on the most cost-effective energy efficiency upgrades to your home. This begins with a walk-through energy audit of your home with our Energy Services Representative. To set up an energy efficiency audit, please contact us at 770-775-7857 or email csr@cgemc.com.

2015 Existing Home Rebates

In conjunction with our energy audit program, CGEMC offers the following rebates for your home:

Upgrade to an Energy-efficient Heat Pump

As much as half of the energy used in your home goes to heating and cooling. So making smart decisions about your home's heating, ventilating, and air conditioning (HVAC) system can have a big effect on your utility bills and your comfort. Members who replace their current HVAC system with a more efficient heat-pump system are eligible for a rebate.

HVAC Rebates	Rebate Amount
Air source heat pump 16 SEER or greater	\$200
Gas to electric air-source heat pump, in addition (16 SEER or greater)	\$150
Geothermal heat pump	\$250 per ton (up to 3 tons)
Room air conditioner	\$25 per system (max 2)

Air-source Heat Pump

Electric air-source heat pumps use the difference between outdoor air temperatures and indoor air temperatures to cool and heat your home. ENERGY STAR-qualified heat pumps have a higher Seasonal Energy Efficiency Ratio (SEER) and an energy efficiency ratio (EER) than standard models. Air-source heat pumps are 9 percent more efficient than standard new models and 20 percent more efficient than what you may have in your home.

In order to qualify for a heat pump rebate, the new system must be rated 16 SEER or higher. SEER defines the efficiency of air conditioners and heat pumps. A copy of the AHRI certificate and invoice will be needed to process the rebate. Members must consent to the installation of a Load Management Switch on qualifying equipment before the rebate is processed. Equipment must be installed on or after January 1, 2015, to qualify for the rebate. (One system per member number)

Geothermal Heat Pump Rebate

Geothermal heat pumps are among the most efficient and comfortable heating and cooling technologies available

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CUSTOMERS DUE



Alcaraz, Mark
Alexandra, Yaurea
Andrews, Angela K.
Aversano, Chris J.
Barrera, Reuben
Bhattacharya, Manasi
Breshears, Joseph Charles
Chavez, Delores A.
C&M Real Estates Services
Copeak, Charles R.
Daniel, Taylor
Dawson, Shanita Yvonne
Denham, Matthew Cole
Dubose, Gregory Cortez
Franklin, Sean
Gifford, Joseph H.
Good, Jeffrey
Hardin, David W.
Hale, Amanda
Mendenhall, Clint
Murfitt, Derrick
Parker, Holly L.
Phares, Alexandria
Rivers, Erika M.
Sanders, Tammy Y.
Smith, Joseph
Stachurski, Jessica



Energy Efficiency

Tip of the Month

Did you know that 90 percent of the energy used to operate a washing machine comes from using hot water? A simple switch from hot to cold can save a great deal of energy! Consider air-drying your clothes to save even more household energy.

—Source: U.S. Department of Energy

Rebates Continued from page 1

because they use the earth's natural heat to provide heating and cooling. ENERGY STAR-qualified geothermal heat pumps are more than 45 percent more efficient than standard options. *Through December 31, 2016, homeowners who install ENERGY STAR-qualified geothermal heat pumps are eligible for a 30 percent federal tax credit.*

In order to qualify for a Geothermal Heat Pump Rebate, a copy of the AHRI certificate and invoice will be needed to process the rebate. Members must consent to the installation of a Load Management Switch on qualifying equipment before the rebate is processed. Equipment must be installed on or after January 1, 2015, to qualify for the rebate. (One system per member number)

Upgrade Your Existing Room Air Conditioner

Members who do not have central heat and air in their homes can qualify for our room air conditioner rebate program. ENERGY STAR-qualified room air conditioners are 10 percent more efficient than nonqualified models.

Members who change out an existing room air conditioner to a new ENERGY STAR-qualified room air conditioner will receive a rebate of \$25 per system (maximum two systems per member number).

Many people buy a room air conditioner that is too large, thinking it will provide better cooling. However, an oversized air conditioner is actually less effective and wastes energy. For more information on how to size a room air conditioner, visit www.energystar.gov/index.cfm?c=roomac.pr_properly_sized.

Energy-efficient Electric Storage Water Heater

The water heater is the second largest energy user in a home. Central Georgia EMC is offering rebates for members who replace their current water heater with a more efficient ENERGY STAR-qualified electric storage water heater.

The average U.S. household spends between \$400 and \$600 per year to heat water for showers, dishwashing, and other daily activities. As a result, heating water has become the second largest expense for the average U.S. household.

Water Heaters	Rebate Amount
Heat pump water heating	\$200
Solar thermal water heating	\$200
Gas to electric storage water heater (50 gallon or above)	\$100

Heat Pump Water Heaters

Heat pump water heaters (HPWHs) can cost half as much to operate as traditional electric-resistance water heaters, and can save as much as \$3,250 over the lifetime of the unit. Not only do they heat water; heat pump water heaters also condition air and dehumidify the space around them.

HPWHs transfer heat from the surrounding air to the water and produce exhaust air that is cool and dry. In addition, HPWHs generate noise similar to a dehumidifier when running and require periodic air filter cleaning. HPWHs have unique require-

ments in terms of placement and available space, compared with a conventional electric resistance unit.

Consequently, before considering a HPWH, you should be able to answer “Yes” to all these questions about the location you want to install the HPWH.

- Is the location in an unoccupied space, where cooling and noise will not be an issue?
- Does the location offer more than 1,000 cubic feet of surrounding air? (Efficiency will suffer in a closet—even one with louvered doors—and you need adequate clearance around air entry and discharge.)
- Does the location offer sufficient height to install?
- Can the location accommodate, or does it already have, a condensate drain or pump?
- Is ambient air temperature not consistently in freezing range (32 degrees F) or below? (HPWHs do not operate in freezing temperature like outdoors or in garages.)
- Does ambient air temperature remain between 40 to 90 degrees F year-round? (An ideal spot would be near a furnace in a basement that is very warm all winter.)

Solar Water Heaters

Using sunshine to heat or preheat your water can cut your annual hot water costs in half. An ENERGY STAR-certified solar water heating system could cut your annual hot water costs in half. The average life expectancy of certified solar water heating systems is 20 years, much longer than a standard gas or electric storage water heater. If you are interested in buying an ENERGY STAR-certified solar water heater, visit www.energystar.gov/products/certifiedproducts/detail/water-heater-solar for buying guidance.

Switch from Gas to Electric Storage Water Heaters

Members who switch from gas to an electric storage water heater (50 gallon or above) will receive a \$100 rebate.

In order to qualify for a water heater rebate, a copy of the invoice will be needed to process the rebate. Members must consent to the installation of a Load Management Switch on qualifying equipment before the rebate is processed. Equipment must be installed on or after January 1, 2015, to qualify for the rebate (One system per member number).

Photovoltaic System

CGEMC is offering rebates to residential customers who install qualifying photovoltaic systems. The rebate helps offset a portion of the initial installation cost of the system. *Customers who qualify for the program are eligible to receive a one-time rebate of \$450 per kilowatt (kW) up to a maximum of 10 kW. Please submit an application for a rebate prior to the installation of the system.* For more information, about our photovoltaic rebate, visit www.cgemc.com.



Recipe of the Month



24-hour Green Salad

*From the kitchen of
Elizabeth Kenon*

Ingredients:

- 1 large head of lettuce
- 1 medium onion, chopped
- ½ cup green pepper, chopped
- ½ cup celery, chopped
- 2 hard-boiled eggs, chopped
- 8 fried bacon strips, crumbled
- 1 box frozen green peas, cooked and drained
- 2 tablespoons sugar
- 2 cups mayonnaise
- 1-½ cups cheddar cheese, shredded

Directions:

Break lettuce into bite-size pieces; put into large bowl. Layer ingredients into the large bowl, ending with the peas. Mix sugar and mayonnaise. Spread mixture over salad. Sprinkle cheese over top and refrigerate salad overnight. Stir before serving.

Change Your Air Filter Regularly

Check your filter every month, especially during heavy use months (winter and summer). If the filter looks dirty after a month, change it.

At a minimum, change the filter every 3 months. A dirty filter will slow down airflow and make the system work harder to keep you warm or cool, wasting energy. A clean filter will also prevent dust and dirt from building up in the system, which can lead to expensive maintenance and/or early system failure.



24 hours a day, 365 days a year
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2015 Total Electric New Home Rebate

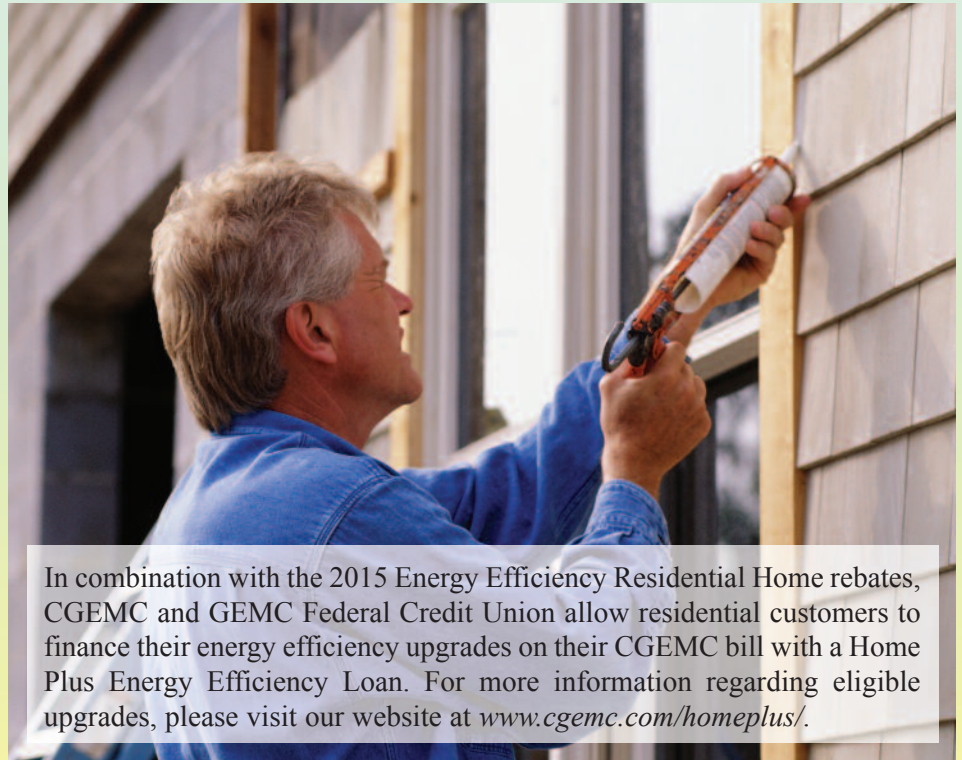
Looking to build a new home in 2015? CGEMC is offering a rebate for new construction homes with total electric service. New total electric homes served by CGEMC will be eligible for a reimbursement of the contribution-in-aid fee of construction for the first 100 feet of underground service, up to \$200.

A member who installs a 16 SEER or above electric heat pump and an ENERGY STAR-qualified electric storage water heater in their total electric new home qualifies for an additional \$100 rebate. (\$50 for heat pump, \$50 for electric storage water heater)

Prior to an applicant receiving the new home rebate, a CGEMC representative will visit the home to verify rebate requirements. Applicants will also need to agree to participate in CGEMC's Load Management Switch program. A CGEMC representative will install the switch on both the qualifying heat pump compressor and qualifying water heater. All applicants must agree to have a Load Management Switch on the heat pump compressor and qualifying water heater, as long as CGEMC maintains a Load Management program. Homes constructed after January 1, 2015, qualify for this rebate.

Rebate applications are available online at www.cgemc.com or call us at 770-775-7857. All Central Georgia EMC 2015 rebates are subject to change without notice. Rebates will end on December 18, 2015, unless otherwise noted. Some rebates will require verification by a CGEMC Energy Services representative.

Need to Finance Your Energy Efficiency Improvements?



In combination with the 2015 Energy Efficiency Residential Home rebates, CGEMC and GEMC Federal Credit Union allow residential customers to finance their energy efficiency upgrades on their CGEMC bill with a Home Plus Energy Efficiency Loan. For more information regarding eligible upgrades, please visit our website at www.cgemc.com/homeplus/.