



2016 Energy Efficiency Rebates

Central Georgia EMC provides programs and services designed to help members conserve electricity and save money. In 2016, CGEMC will offer the following rebate programs for residential homes.

Heating and Cooling Rebates

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 heating and cooling system with a more efficient heat pump system are eligible for a rebate.

HVAC Rebates	Rebate Amount
Total electric air source heat pump (16 SEER or greater)	\$250
Conversion from gas to electric air source heat pump (16 SEER or greater)	\$350
Geothermal heat pump (up to 3 tons)	\$250 per ton
Room air conditioner	\$25 per system (max 2)

Qualifications for a Heating and Cooling Rebate

Total electric heat pump or geothermal heat pump:

- Submit a copy of the Air Conditioning, Heating, and Refrigeration Institute (AHRI) certificate and invoice, along with the CGEMC rebate application.
- 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, 2016. (One system per member number)

Room air conditioner:

- Submit a copy of the purchase receipt, along with the CGEMC rebate application.

- Room air conditioner must be ENERGY STAR-certified.
- Equipment must be installed on or after January 1, 2016. (Two systems per member number)

Total Electric Air Source Heat Pump

An air source heat pump uses the difference between outdoor air temperature and indoor air temperature to cool and heat your home. Heating efficiency for air source electric heat pumps is indicated by the heating season performance factor. Cooling efficiency is indicated by the seasonal energy efficiency ratio (SEER), which is the total heat removed from the conditioned space.

The SEER rates a heat pump's cooling efficiency. In general, the higher the SEER, the higher the cost. However, the energy savings can return the initial investment several times during the heat pump's life. A new central heat pump that replaces an old unit will use much less energy, cutting air-conditioning costs substantially.

Geothermal Heat Pump

Geothermal heat pumps are among the most efficient and comfortable heating and cooling technologies available 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. <http://energy.gov/savings/residential-renewable-energy-tax-credit>

Continued on page 2

CUSTOMERS DUE



Alfadhel, Rashed
 Bigelow, Matthew
 Brown, Stephen
 Cohen, Melanie Lynn
 Dabney, Austin Christopher
 Hargrove, Christopher A.
 Holland, Melissa
 Johnson, David
 MITEC, INC
 Niblett, Dina
 Nelson, Natalie
 Oldfield, Howard Wesley
 Payne, Brad
 Phoenix Med Group of GA
 Thompson, Jerry Daniel Jr.
 Wood, Justin Lee



Energy Efficiency

Tip of the Month



Save energy and money by lowering your water heater thermostat to 120 degrees Fahrenheit. This will also slow mineral buildup and corrosion in your water heater and pipes.

—Source: energy.gov

Rebates Continued from page 1

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

Go with ENERGY STAR

Homeowners can save energy while improving their home's comfort level by adopting energy-efficient practices. Increasing your home's efficiency can result in substantial savings. The ENERGY STAR program is a great place to begin, whether making improvements to an existing home or building a new home.

Water Heater Rebates

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. 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. In addition, a rebate is available to members who convert from a gas to an electric storage water heater.

Water Heaters	Rebate Amount
Heat pump water heating	\$250
Solar thermal water heating	\$250
Gas to electric storage water heater	\$100

Qualifications for a Water Heater Rebate:

Total electric heat pump or geothermal heat pump:

- Submit a copy of the invoice, along with the CGEMC rebate application.
- 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, 2016. (One system per member number)

Heat Pump Water Heater

Heat pump water heaters (HPWHs) can cost half as much to operate as traditional electric-resistance water heaters, and can save as much as \$3,500 over the lifetime of the unit. Not only do they heat water, but they also air condition and dehumidify the space around them.

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

Continued on page 3

Rebates *Continued from page 2*

regarding placement and available space compared to a conventional electric resistance unit.

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

- 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 and 90 degrees F year-round? (An ideal spot would be near a furnace in a basement that is warm during the winter.)

Solar Water Heater

Using the 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 energystar.gov/products/certified-products/detail/water-heater-solar for buying guidance.

Switch from Gas to Electric Storage Water Heaters

There are several reasons to switch from a gas to an electric water heater:

- Electric water heaters require less space for installation and are easier to install than gas water heaters.
- Electric water heaters are built to last longer, with fewer moving parts than gas water heaters.
- Electric water heaters do not use a pilot light; there is no need to worry about relighting the flame if it accidentally goes out.

Photovoltaic System

CGEMC is offering rebates to residential customers who install qualifying photovoltaic systems. The rebate helps to 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 before the installation of the system.

For more information, about our photovoltaic rebate, visit www.cgemc.com/solar-power-rebates-from-central-georgia-emc/.

Continued on page 4



Recipe of the Month

Crock Pot Tater Tot Egg Bake

*From the kitchen of
Kristen Andrews*

Ingredients:

- 1 (30 oz.) package frozen Tater Tots
- 6 oz. diced Canadian bacon
- 2 onions, chopped
- 2 cups shredded cheddar cheese
- ¼ cup grated parmesan cheese
- 12 eggs
- 1 cup milk
- 4 tablespoons all-purpose flour
- 1 teaspoon salt
- ½ teaspoon pepper

Directions:

In a greased 5-quart or larger slow cooker, layer one-third of the Tater Tots, Canadian bacon, onions, and cheeses. Repeat these layers twice, ending with the layer of cheeses. In a large mixing bowl, whisk together the remaining ingredients and pour over the ingredients in the slow cooker. Cover and cook on low for 6-8 hours.



Energy Audit

CGEMC can make recommendations on the most cost-effective energy efficiency upgrades to your home. To schedule a complimentary in-home energy audit, please contact us at 770-775-7857 or by email at csr@cgemc.com.



Central Georgia EMC
Community Partners

24 hours a day, 365 days a year
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Editorial Staff

- Christy Chewning
- Victoria Jolley

Rebates *Continued from page 3*

2016 Total Electric New Home Rebate

Looking to build a new home in 2016? CGEMC is offering a rebate for new construction homes with total electric service.

New Home Rebate	Rebate Amount
Total electric air source heat pump (16 SEER or greater)	\$250
Heat pump water heater or solar water heater	\$250
Geothermal heat pump	\$250 per ton (up to 3 tons)
Costs in aid of construction reimbursement	Up to \$200

Qualifications for a New Home Rebate

- Submit a copy of the invoices for qualifying equipment, along with the CGEMC rebate application.
- New home must be constructed after January 1, 2016.
- Before receiving the new home rebate, a CGEMC representative will visit the home to verify rebate requirements.
- 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.
- A CGEMC representative will install the Load Management Switch on both the qualifying heat pump compressor and qualifying water heater.

Choosing a total electric home can save you money and give you a safer, healthier home. There is no need for the added cost of gas line installation, and your home will be more energy efficient since holes for venting through the roof will not be necessary. Total electric homes have less dust, no added gas fumes, and are environmentally friendly.

Rebate applications are available online at www.cgemc.com or call us at 770-775-7857. All Central Georgia EMC 2016 rebates are subject to change without notice. Rebates will end on December 23, 2016, unless otherwise noted. Some rebates will require verification by a CGEMC Energy Services Representative.

2016 Pole Treatments and Inspections

The following substations and surrounding areas are scheduled for annual pole treatment and inspection: Woolsey Road, Steele Road, and Hampton. Please be advised our contractor, McCulloch Utility Services Inc., will have signage on their vehicles identifying them as Central Georgia EMC contractors. If you have any questions or concerns, please contact the office at 770-775-7857.

