

# Wake ElectriConnection



"The power to make a difference"

For members of Wake Electric Membership Corporation

NOVEMBER 2009

## Line on bill explains REPS Charge

**W**ake Electric members will see a new line on their bill representing money your co-op is required to spend to meet mandates of the state's Renewable Energy and Energy Efficiency Portfolio Standard (REPS). This amount will appear on your bill every month, beginning in January 2010.

The law, adopted on August 20, 2007, requires electric cooperatives to meet up to 10 percent of their energy sales through renewable energy resources or energy efficiency measures by 2018. The mandate requires the standards to be met, but only if it can be achieved under maximum spending caps as follows:

	Annual Cap Per Residential Account	Annual Cap Per Commercial Account
2008-11	\$10	\$50
2012-14	\$12	\$150
2015 on	\$34	\$150

	Renewable & Energy Efficiency Timeline
2012	3%
2015	6%
2018	10%

	Renewable & EE Monthly Charge
Residential	\$0.83
Commercial	\$4.16

This means that in the January billing cycle, residential members will see \$.83 added to their bill each month. Commercial members will see approximately \$4.16 each month. The charge applies to all cooperative members on a per meter basis for the recovery of the cooperative's costs associated with meeting the REPS, up to the cap. Wake has adopted the current monthly rate schedule to meet the standard, based on \$300,000 in costs anticipated this year.

We can comply with the REPS requirement in a number of ways, including the implementation of energy efficiency measures, the use of renewable fuels in existing electric generating facilities, the generation of power at new renewable energy facilities, the purchase of power from renewable energy facilities or the purchase of renewable energy certificates. It is important to remember, however, that renewable energy resources are more expensive than traditional generation facilities.

### MEETING THE REPS MANDATE

A good part of Wake's plan to meet the state Renewable Energy & Energy Efficiency Portfolio Standard (REPS) focuses on energy efficiency, the more economical and easily attainable goals in the mandate. Helping you learn to use energy more wisely not only works toward meeting the REPS mandate, it saves money. Here are some ways we are achieving our REPS goals.

- ★ Providing energy-saving compact fluorescent lights (CFLs) at member meetings throughout the year.
- ★ Offering information on no-cost and low-cost energy efficiency measures in our monthly newsletter "ElectriConnection" in Carolina Country magazine and on the Web at [www.wemc.com](http://www.wemc.com).
- ★ Working with businesses in our service area to help them find energy efficiency solutions for their operations.
- ★ Joining GreenCo Solutions, a not-for-profit company formed by a majority of cooperatives across the state to focus on energy efficiency initiatives and renewable resources. GreenCo is aggregating services related to green energy and energy efficiency, allowing the member co-ops to share resources and reap the benefits of economies of scale.

*continued on page 23*



# FEELS BETTER AROUND THE HOUSE SINCE I SET OUR THERMOSTAT TO CHEAP.

We're gone most of the day. Didn't make sense to keep an empty house comfortable. But now when we get home, it's ready. I'm saving \$280 a year just by programming a thermostat. What can you do? Find out how the little changes add up at [TogetherWeSave.com](http://TogetherWeSave.com).

 Wake Electric  
Membership Corporation  
A Touchstone Energy Cooperative

[TOGETHERWESAVE.COM](http://TOGETHERWESAVE.COM)

# Home Energy Calculator

home energy use costs at your fingertips

## Try Our New Online Home Energy Cost & Savings Calculator

**HomeEnergyCalculator**

This calculator will provide you with estimates of energy use (costs) based on your inputs. The Annual and Monthly results are not intended to be extremely accurate, but rather, to provide a comparison platform to give you the differences between the energy cost based on currently using "Base House" versus various "Scenario" variables. Other details of your variables, like how to fill the "View Details and View Chart" buttons for different views. To go back to enter the details of a "Scenario" creation, click on its number.

**Base House**

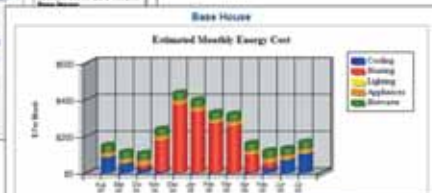
Home Size: Single Home [20] Size: [20] Home Cost: [20]  
 Year Home Bld: 1980 to Present [20] Location: [20] Public Cost: [20]  
 Self Heat Cost: [20] Average: [20] No. Loads: [20]  
 Home Age: [20] Trade Price: [20] [20]  
 HVAC Cost: [20] Size: [20] Fuel Cost: [20]  
 Heat Cost: [20] [20] [20]  
 Air Conditioning: [20] [20] [20]  
 Cook Method: [20] [20] [20]

Buttons: [Calculate] [View Details] [View Chart] [E-mail Report]

■ Estimate your home's monthly and annual energy costs

■ See how much changes to your home will save

■ View charts showing where your energy dollars are going



**POWERED BY AEGEE**

**Energy Saving Tips!**

**Estimated Monthly Energy Cost**

Place your mouse over any bar to see details.

**Base House**

Category	Annual/Summer	Watts	\$/yr
Temperature	0	1,200	\$112
Lighting	0	1,000	\$110
Refrigerator	44	0	\$61
Washing	0	161	\$12
TV/Video	50	0	\$61
Refrigerator	0	167	\$14
Cooling	0	6,004	\$501
Heating	0	16,191	\$1,272
Other Electric	288	0	\$411
Public Electric	371	\$2,760	\$2,478
Base	91	\$287	\$252

**FREE** on our website:

<http://www.wemc.com>

 **Wake Electric Membership Corporation**  
 A Touchstone Energy Cooperative 

### LINE ON BILL EXPLAINS REPS CHARGE

★ Conducting a pilot project to test the effectiveness of a Smart Grid project that allows participants to manage their energy use on-line, including controlling their water heater and heating and air systems on-line. This system allows how members to view how much electricity being used in the home moment-to-moment.

For more information on any of Wake's energy efficiency programs, visit [www.wemc.com](http://www.wemc.com).

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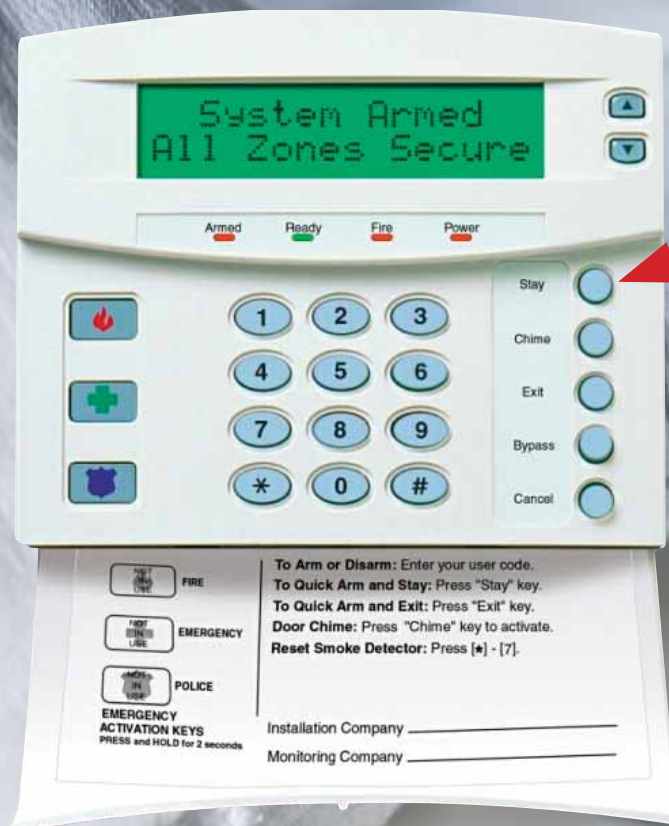
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Triangle Services Group Security can give your family the peace of mind they deserve.

Have our basic security system installed in your home for \$199.

System includes: Alarm panel with power module, 1 keypad, battery back-up, 3 door contacts, 1 motion sensor, 1 smoke/heat sensor, 1 interior siren, 1 yard sign and window decals. Requires TSG monitoring contract for 36 months at \$29.95 per month. Custom designed systems & commercial plans are also available.

**Call today for details and a no-obligation assessment of your home:**

**919.863.6306**



Triangle Services Group Inc.

## **SECURITY BY TSG**

**"Service excellence is our promise"**

**A subsidiary of Wake Electric**

**NC Alarm License # 1316-CSA**

\*Limited Time Offer. Purchase Plan requires a signed 36-month contract for monitoring with TSG that includes our maintenance agreement. \$199 installation charge is due at the time of installation. Subject to credit approval. Applies to hard-wired systems only. Wireless systems are available for an additional charge. Homeowners only please. Offer subject to change.