



REAL PEOPLE. REAL POWER.

Tideland Topics

A NEWSLETTER FOR THE MEMBER-OWNERS OF TIDELAND ELECTRIC MEMBERSHIP CORPORATION

DOUBLE UP: Combine rebates and save \$600 on a new water heater

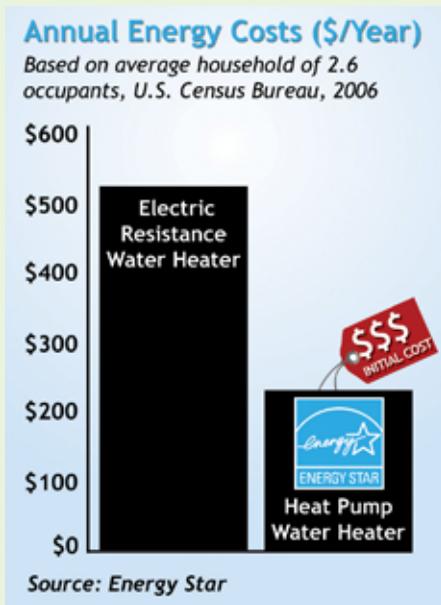
Last month we unveiled Tideland's heat pump water heater (HPWH) rebate program, which was intended to replace other state and federal programs that expired at the end of 2011. No sooner had we gone to press when the North Carolina Energy Office announced it was renewing its Energy Star appliance rebate program. That means Tideland members who act quickly could receive rebates totaling \$600

when you purchase a heat pump water heater. The \$300 Tideland rebate is provided as an electric bill credit. The state's \$300 rebate is made in the form of a VISA prepaid card. You can reserve your state rebate online.

Details about both HPWH rebate programs can be found at www.tidelandemc.com.

Questions? Call program

coordinator Heidi Smith at 252-944-2410 or 1-800-637-1079, ext. 1140.



Learn About Co-ops

It's a Matter of PRINCIPLE

The Rochdale Principles

Co-ops deliver electricity, sell produce, provide loans, and arrange for housing, health care, and more. But despite these differences, they all have one thing in common—seven cooperative principles:

- Voluntary and Open Membership
- Democratic Member Control
- Members' Economic Participation
- Autonomy and Independence
- Education, Training, Information
- Cooperation Among Cooperatives
- Concern for Community

Learn more at www.go.coop.

**Cooperative Enterprises
Build a Better World**

A message from America's Electric Cooperatives



Message to our Member-Owners: Still hurricane season for many

By Paul Spruill
General Manager & CEO

Right-of-Way Maintenance Update

Tideland has hired Lewis Tree Service to trim trees in our right-of-way.

In April they will work in Ocracoke village and the following areas in Beaufort County:

- Cox Rd
- Harvey Rd
- Goose Creek Rd
- Ward Rd
- Broad Creek Rd
- Mill Hole Rd
- Braddy Rd

Crews will also be mowing in Craven and southern Beaufort counties along King Neck, Stapleford, Olympia, Truitt, Walker, St. Delight Church and Cayton roads.

During the first week of March forecasters announced their predictions for the 2012 hurricane season. For many of our neighbors hurricane season 2011 still isn't over.

Numerous Tideland members continue to reside in cramped mobile units provided by FEMA and until recently, they feared an eviction date of April 1 that has since been waived. Many were either uninsured or underinsured. Others are caught in bureaucratic red tape between the mortgage holder and the insurance company. And others are simply waiting for authorized contractors to get freed up as they work their way down

an impossibly long list of repair jobs.

Organizations like the Baptist Men and United Methodist Disaster Response have been on the ground since day one and have had a steady stream of volunteers to repair homes. What the groups lack are funds for building materials.

Therefore, Tideland EMC along with the North Carolina Electric Cooperative's Human Connections Fund made a \$10,000 donation to help these organizations continue the meaningful work they are doing to rebuild our member communities.



Tideland EMC presented a check to area organizations to assist with housing repairs in Tideland-served counties. Left to right: Tideland EMC director Clifton Paul, CEO and general manager Paul Spruill, Campbell's Creek United Methodist Church member Jasper Mills, Salvation Army Lieutenant Chris Lyles and Margie Lassiter on behalf of the Baptist Men.

Hope is on the way

Eight Days of Hope (EDOH), a nonprofit faith-based organization formed shortly after Hurricane Katrina, has targeted Pamlico County for its annual labor of love. EDOH will bring together volunteers from across the nation to help rebuild homes in Pamlico County that were ravaged by Hurricane Irene.

Event organizers anticipate between 1,500 and 2,000 volunteer-laborers will make their way to eastern North Carolina between May 26 and June 2. The days start early with breakfast served at 6 a.m., and after morning fellowship, work crews will report for duty. Lunch is delivered to the job site and then its back to camp for a 6 p.m. dinner followed by evening fellowship.



Camp Seafarer in Arapahoe will serve as the primary camp site for volunteers who are asked to bring their own air mattresses or cots. Shower facilities and food will be provided.

EDOH continues to seek volunteers and the last day to submit a volunteer application is Saturday, May 19. Volunteers are asked to serve a minimum of three days.

If you or your group would like to participate visit www.eightdaysofhope.com and complete the online registration form.

Other organizations such as the Baptist Men and United Methodist Disaster Recovery continue to work in the affected counties and could also use your help or cash donation.

Energy Star Homes: Savings from the ground up

Tideland has fielded a large number of phone calls from members regarding our new \$1,250 rebate for Energy Star homes. Here is an overview of the Energy Star home building process.



WHAT MAKES A HOME ENERGY STAR?

Homes that earn the Energy Star certification meet rigorous guidelines for energy efficiency typically making them 20-30% more efficient than standard homes. A third party, independent home rater is engaged to inspect and sign off on the Energy Star measures every step of the way to ensure the home meets program requirements.

Effective Insulation

When properly installed, it results in lower utility costs and a quieter, more comfortable home.

Tight Construction and Ducts

Help reduce drafts, moisture, dust, pollen, pests, and noise. A tightly sealed home improves comfort and indoor air quality while lowering utility and maintenance costs.

Efficient Heating and Cooling Equipment

When properly installed into a tightly sealed home, this equipment won't have to work so hard to heat and cool the home.

High Performance Windows

Energy-efficient windows employ advanced technologies to help keep heat in during the winter and out during the summer, also blocking damaging ultraviolet sunlight that can discolor carpets and furnishings.

Efficient Products

Energy Star qualified homes may also be equipped with Energy Star qualified products - lighting fixtures, compact fluorescent bulbs, ventilation fans and appliances, such as washing machines, refrigerators and dishwashers.

Third-Party Testing

A Home Energy Rating System (HERS) Rater conducts several on-site inspections to verify the energy efficiency measures including insulation, air sealing and duct sealing details. Testing

includes both blower door and duct blaster tests.

WHY DO HOME BUYERS CHOOSE ENERGY STAR?

Better Performance

Energy Star homes deliver better protection against cold, heat, drafts, moisture, pests, pollution and noise. An energy-efficient home helps ensure consistent temperatures between rooms, improved indoor air quality and greater durability.

Lower Ownership Cost

Compared with standard construction, Energy Star qualified homes use substantially less energy for heating, cooling and water heating. Additional savings on maintenance can also be significant.

Smarter Investment

To date, more than 3,500 builders have partnered with Energy Star and today there are over 1 million qualifying homes nationwide. By choosing to build an Energy Star home buyers can be confident that it will have an increasingly valued feature when it is time to sell the house.

Added Confidence

Energy Star certification makes it easy to identify homes that are truly energy efficient. Buyers can find the house of their dreams and enjoy peace of mind knowing it also meets rigorous energy efficiency guidelines set by the Environmental Protection Agency and verified by an independent Home Energy Rater.

HOW MUCH DOES IT COST TO BUILD AN ENERGY STAR HOME?

In North Carolina, it is estimated to cost approximately \$3,500 more to build an Energy Star home as opposed to minimum NC residential building code. That would increase your monthly mortgage by approximately \$18 which would be offset by monthly utility savings of more than \$30 per month. The \$1,250 Tideland rebate further enhances the member's rate of return.

For more information call Energy Star program coordinator Heidi Smith at 1-800-637-1079, ext. 1140.

Comparing Insulation VALUE			
Adding insulation? Check the material's R-value—the ability of insulation to resist the transfer of heat. R-value depends on material, thickness, and density. A higher R-value indicates more effective insulation, saving energy dollars.			
Compare R-values and common uses for several types of insulation:			
Type of Insulation	R-value per inch (range)	Common Uses	Installation Method
Batts, Rolls			
Fiberglass	3.17 (3.0-4.0)	Wall, floor, and ceiling cavities	Fitted between studs, joists, or rafters
Rock Wool	3.17 (3.0-3.7)	Wall, floor, and ceiling cavities	Fitted between studs, joists, or rafters
Cotton	3.2	Wall, floor, and ceiling cavities	Fitted between studs, joists, or rafters
Loose, Poured, or Blown			
Fiberglass	2.2 (2.2-4.0)	Ceiling cavities	Poured and fluffed, or blown by machine
Rock Wool	3.1 (2.8-3.7)	Ceiling cavities	Poured and fluffed, or blown by machine
Dry Cellulose	3.2 (2.8-3.7)	Ceiling cavities	Blown by machine
Wet-Spray Cellulose	3.5 (3.0-3.7)	Wall cavities	Sprayed into cavities
Perlite	2.7 (2.5-4.0)	Hollow concrete block	Poured
Polyurethane	6.2 (5.8-6.8)	Wall and ceiling cavities, roofs	Foamed into cavities
Open-cell Isocyanurate (Icynene™)	3.6	Wall and ceiling cavities	Foamed into open or closed cavities
Magnesium Silicate (Air Krete™)	3.9	Wall cavities	Foamed into open cavities

Sources: U.S. Department of Energy, E Source

Incumbent directors will continue service to cooperative

REAL PEOPLE.
REAL POWER.

Tideland Topics

www.tidelandemc.com

BOARD OF DIRECTORS

Paul Sasnett, President
J. Douglas Brinson, Vice President
Clifton Paul, Secretary
David Ipock, Treasurer
Rudy Austin, Leon Bryant,
Jimmy Burbage, Mark Carawan,
Garry Jordan & Wayne Sawyer

GENERAL MANAGER & CEO

Paul Spruill

EDITOR

Heidi Jernigan Smith

Weekday Member Service
252.943.3046
800.637.1079

24 Hour Outage Reporting
& Automated Services
252.944.2400
800.882.1001



Jimmy Burbage
District 4



Paul Sasnett
District 5



Wayne Sawyer
District 6



Clifton Paul
District 8

Tideland Electric's nominating committee met on February 9 to consider candidates for director districts 4, 5, 6 and 8.

The following candidates were nominated in their respective districts: Jimmy Burbage, Paul Sasnett, Wayne Sawyer and Clifton Paul. No candidates were nominated by written petition.

In accordance with the cooperative's bylaws, unopposed candi-

dates are deemed elected to the board of directors for a three-year term. The directors will retake their oath at the cooperative's May board meeting.

Tideland's annual meeting will be held on Thursday, May 17 at 7 p.m. at Beaufort County Community College in Washington. The cooperative's annual report will be mailed to members in the May issue of Carolina Country.

TIME OF USE REMINDER: BEGINNING MONDAY APRIL 16, ON PEAK HOURS ARE FROM 4 P.M. TO 8 P.M., MONDAY - FRIDAY



NC Energy Office Renews Energy Star Recycle & Replace Rebate Program

Eligible Appliance Categories	Energy Star Criteria	Visa Prepaid Value
Central Air Conditioners	Split SEER \geq 14.5 & EER \geq 12 Single package SEER \geq 14 & EER \geq 11	\$300
Clothes Washers	Energy Star qualified	\$100
Dishwashers	Energy Star qualified	\$75
Freezers	Energy Star qualified	\$75
Heat Pump Water Heater	Energy Factor \geq 2.0	\$300
Heat Pumps	Air Source split SEER \geq 14.5 & EER \geq 12 Air Source packaged SEER \geq 14 & EER \geq 11 Ground Source open loop EER \geq 16.2 Ground Source closed loop EER \geq 14.1 Ground Source DX EER \geq 15	\$300
Refrigerators	Energy Star qualified	\$150
Solar Water Heater	Solar Fraction \geq 0.5	\$200

To qualify for a rebate, complete the online application found at www.ncappliance rebate.com and follow the instructions listed on the application confirmation page. NOTE: Recipients of grants in the Hurricane Appliance Replacement Program are not eligible to participate.