


THE MAGAZINE FOR MEMBERS OF GUTHRIE COUNTY RURAL ELECTRIC COOPERATIVE



# living with energy

IN IOWA

JANUARY 2014

**Seal  
air leaks**  
to keep your  
family cozy

Win a people-powered smartphone charger!  
See Page 5

Reduce energy costs by **saving water**

Start the New Year with **healthy recipes**

A **space heater** isn't right for every situation



## About Energy

# Alternate energy facility notice is now required



Under a requirement that went into effect Jan. 1, 2013, the owner of an alternate energy production facility is required to provide written notification to his or her utility of the intent to construct or install the facility at least 30 days prior to construction. In the written notice, the owner must provide information on the type of facility and the anticipated completion date of the construction.

This new requirement applies to the owner of an alternate energy production facility that will be attached to an electric transmission or distribution line. Alternate energy production facilities are defined as solar, wind turbine, waste management, resource recovery, refuse-derived fuel, agricultural crops or residues, or wood-burning facilities used to generate electricity. ⚡



**Guthrie County REC**

A Touchstone Energy® Cooperative



### Office

1406 State Street • P.O. Box 7  
Guthrie Center, IA 50115-0007

### Office Hours

Monday through Friday, 8 a.m. - 4:30 p.m.

### Telephone Number

641-747-2206 or 888-747-2206  
Calls answered 24 hours a day, 7 days a week

### Website

[www.guthrie-rec.coop](http://www.guthrie-rec.coop)

## Rebates

# Be energy efficient and save with rebates from Guthrie County REC

Appliance Recycling – Pull the Plug	Rebate	Qualifications
Refrigerator Freezer and Window Air Conditioner	\$35/unit \$25/unit	Up to 3 operable units per address per year
<b>Appliances and Electronics – ENERGY STAR® Only</b>		
Dishwasher, Refrigerator and Freezer Clothes Washer	\$25/unit	<p><b>Limit two of each appliance type per residence. Must have an electric water heater or an electric clothes dryer installed</b></p>
If both water heater and dryer are electric	\$70/unit	
If only water heater is electric	\$35/unit	
If only dryer is electric	\$35/unit	
Dehumidifier TV (min. 40")	\$25/unit \$40/unit	
<b>Air Quality (Indoor)</b>		
Radon Abatement System – with fan Electronic Air Filter (whole house, not electrostatic)	\$50/unit \$50/unit	Equipment must serve the entire conditioned space of the home. Limit of one air-quality system per home. Must be permanent – no portables.
Ultraviolet Air Purifier	\$50/unit	
Heat Recovery Ventilator	\$125/unit	
<b>Drain Water Heat Recovery Systems</b>		
Heat Recovery Pipe System	\$300/unit	Not to exceed cost of system. Must have an electric water heater. Must be approved system. Homemade systems are not eligible for the incentive.
<b>Heating and Cooling</b>		
Geothermal Heat Pump Closed Loop System Open Loop System (no "pump & dump" systems)	\$350/ton \$250/ton	<p><b>Limit of two air conditioner incentives per residence</b></p>
Heat Pump Unit Replacement	\$150/ton	
Compressor Replacement	\$100/unit	
Air Source Heat Pump Heat Pump Unit (min. ¾ ton, SEER 13, HSPF 7.7)	\$150/ton	
ENERGY STAR Bonus (min. SEER 14.5, HSPF 8.2, EER 12.0)	\$250/unit	
Compressor Replacement	\$100/unit	
ENERGY STAR Central Air-Conditioning ENERGY STAR Qualified (min. SEER 14.5, EER 12.0)	\$100/unit	
Ultra-Efficient (min. SEER 16.0, EER 13.0)	\$150/unit	
Single Package AC (min. SEER 14.0, EER 11.0)	\$100/unit	
ENERGY STAR Room Air Conditioner	\$25/unit	
<b>Lighting (Indoor)</b>		
Lamps and Fixtures Qualified Products Include: ENERGY STAR CFL Lamps and Fixtures ENERGY STAR Ceiling Fans (attached pin-type CFL lighting) ENERGY STAR LED Lamps and Fixtures T8 and T5 Fixtures with Electronic Ballasts	50% of price paid for qualified products	Maximum incentive of \$20 per fixture, \$10 per screw-based lamp up to \$600 per home. Limit applies to a 5-year period. (Installations prior to 1/1/13 are exempt.) Min. 4W per unit.

## Statement of Nondiscrimination

Guthrie County REC is the recipient of federal financial assistance from the Rural Utilities Service, an agency of the U.S. Department of Agriculture, and is subject to the provisions of Title VI of the Civil Rights Act of 1964, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Age Discrimination Act of 1975, as amended, and the rules and regulations of the U.S. Department of Agriculture, which provide that no person in the United States on the basis of race, color, national origin, age or handicap shall be excluded from participation in admission or access to, denied the benefits of or otherwise be subjected to discrimination under any of this organization's programs or activities.

The person responsible for coordinating this organization's nondiscrimination compliance efforts is the general manager. Any individual, or specific class of individuals, who feels that this organization has subjected them to discrimination may obtain further information about the statutes and regulations listed above from and/or file a written complaint with Guthrie County REC; the Secretary, U.S. Department of Agriculture, Washington, D.C. 20250; or the Administrator, Rural Utilities Service, Washington, D.C. 20250. Complaints must be filed within 180 days after the alleged discrimination. Confidentiality will be maintained to the extent possible. ⚡

Lighting (Outdoor)	Rebate	Qualifications
High-Pressure Sodium Fixtures ≥ 100W (replacement only)	\$10/fixture	Rebate cannot exceed 50% of installed cost. New lighting fixtures must be more energy-efficient (lower wattage) than original installed fixtures. Must be dusk to dawn. Must replace ballast or entire fixture
Pulse Start Metal Halide Fixtures ≥ 100W (replacement only)	\$10/fixture	
ENERGY STAR Compact Fluorescent ≥ 26W, Cold-start ballast rated to -20 degrees F	\$15/fixture	
ENERGY STAR, DesignLights qualified LED or Induction		
20-34W	\$20/fixture	
35-49W	\$30/fixture	
50-74W	\$40/fixture	
75-124W	\$50/fixture	
≥ 125W	\$60/fixture	
New Home Construction		
All-Star Home	\$500/home	Requires all-electric, energy-efficient, home construction. Bonus in addition to All-Star Home Rebate.
ENERGY STAR Advanced Lighting Package	\$200/home	
Water Heaters		
Heat Pump Water Heaters		<b>Electric water heater must have a minimum 40-gallon storage tank. Water heater must be energized and cannot be used as a storage-only tank. Limited to one rebate per home with exceptions; see full description online for more information.</b>
ENERGY STAR Integrated Unit	\$500/unit	
Add-on to Electric Storage Tank ≥ 2.00 EF	\$300/unit	
Solar Water Heater with Electric Auxiliary Tank (ENERGY STAR Qualified)	\$350/unit	
Electric Resistance Storage Tank Water Heater		
40-49 Gal. Tank, Min. EF 0.94	\$50/unit	
50-79 Gal. Tank, Min. EF 0.94	\$100/unit	
≥ 80 Gal. Tank, Min. EF 0.92	\$150/unit	
Weatherization		
Electric Heat (with or without air-conditioning)*		Must have electric heat and/or central air-conditioning. (Homes with natural gas heat do not qualify.) Home must be built prior to 1996. Must be an upgrade to existing home. (New additions do not qualify.) Project cost must be \$150 or more. (Labor costs for self-installed projects cannot be included.)
Attic/Ceiling Insulation	60% up to \$600	
Wall Insulation	60% up to \$600	
Foundation Insulation	60% up to \$600	
Infiltration Control	60% up to \$200	
Duct Insulation/Sealing	60% up to \$200	
*Members who qualify for LIHEAP are eligible for higher incentives.		
Central AC Only (non-electric heating)	15% up to \$150	
Attic/Ceiling/Wall Insulation	15% up to \$150	
<b>For a list of rebate programs and qualifications, go to <a href="http://www.guthrie-rec.coop">www.guthrie-rec.coop</a> or contact the cooperative office prior to making equipment purchases.</b>		

Photo: GE Appliances

## Editor's Choice Contest

### Win a people-powered smartphone charger

With this Eton portable phone charger, a minute's worth of cranking will give you enough power for approximately 4 minutes of emergency talk time or sending a few text messages. And if you keep cranking, the BoostTurbine 2000's lithium battery

will give you a full charge on almost any smartphone. For more details, go to [www.etoncorp.com](http://www.etoncorp.com).

#### Visit our website, and win!

To enter your name in this month's contest, visit the *Living with Energy in Iowa* website at [www.livingwithenergyiniowa.com](http://www.livingwithenergyiniowa.com) and complete the entry form by Jan. 31, 2014.



## Guthrie County REC participates in legislative meeting

On Nov. 13, Guthrie County REC executives and participants from Clarke Electric Cooperative, Inc.; Farmers Electric Cooperative, Inc.; and Southwest Iowa REC met with Iowa legislators during a regional gathering in Creston. State Reps. Clel Baudler (Greenfield), Cecil Dolecheck (Mt. Ayr) and Joel Fry (Osceola) met with about 30 people during the gathering.

Guthrie County REC and the other co-op representatives spent the evening outlining a 2014 legislative agenda. Priorities include legislation on stray voltage that incorporates a science-based standard, as well as changing a clumsy and expensive reporting requirement for electric cooperatives using an indenture mortgage.

Legislators also were asked to support joint resolutions that call on the Federal Emergency Management Agency to resolve the issues involving required testing on power lines and the Environmental Protection Agency's efforts to restrict carbon emissions



**One-on-one discussions like this are an excellent time to express the concerns of the co-op and can go a long way toward influencing legislators when it comes time for them to vote.**

using the Clean Air Act. Cooperatives are asking Iowa's lawmakers to send a message to these organizations and to legislators in Washington, D.C., stating that these federal regulations will increase utility costs for our members.

"Having the chance to meet face-to-face with legislators gives us the chance to reinforce the message that our co-op members are our top priority, and that we speak on their behalf because we care about how decisions at the state capital might affect them," said Guthrie County REC foreman Elden Wolfe.

## Co-op employees receive recognition

During the annual meeting of the Iowa Association of Electric Cooperatives in West Des Moines, Dec. 5, two Guthrie County REC employees were recognized – along with 23 directors and employees from other co-ops across the state – for their 25 years of service to electric cooperatives. Apprentice lineman Gary Curl and bookkeeper Linda Downing both received commemorative certificates from association president Marion Denger.



**(Top) Gary Curl and (bottom) Linda Downing received their 25-year service awards from Marion Denger, president of the Iowa Association of Electric Cooperatives. Since then, Curl has retired from Guthrie County REC.**



### Guthrie County REC employee Jeremy Gruber uses ethanol fuel because it benefits our state and farming community.

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