



**State Energy Conservation Office (SECO)
Municipally Owned Utility (MOU) or Electric Cooperative (Co-op)
SB-924 Energy Efficiency Report
Data Entry Form**

MOU or Co-op: Grayson-Collin Electric Cooperative, Inc.
 County: Grayson
 Contact: David McGinnis
 Contact Title: General Manager/CEO
 Address: PO Box 548
 City: Van Alstyne
 Zip: 75495
 Phone: 903.482.7115
 Fax: 903.482.7173
 E-mail Address: david.mcginnis@grayson-collin.coop

1) Is your MOU or Co-op hereby reporting on energy efficiency as required by SB-924, PURA Sections 39.9051 and 39.9052?

Yes No

2) Energy Efficiency Goals: Please tell us about the goals that your MOU or Co-op has related to energy efficiency:

Instructions: Provide a brief description of your MOU or Co-op's energy efficiency goals for the previous calendar year. Examples may include information about energy efficiency for MOU or Co-op customers or utility facilities. Supplemental information may be provided at your option on any long-term energy efficiency goals that your MOU or Co-op might have. Please use a separate sheet of paper if you need more space.

Grayson-Collin provides each Member of the Cooperative with a monthly issue of the Texas Co-op Power Magazine, which has several articles concerning energy efficiency in each issue. The Cooperative website, www.grayson-collin.coop, has numerous screens concerning energy efficiency. For many years, we have sponsored programs for public schools. While these programs, such as supplying book covers and classroom demonstrations/instruction, also focus on safety; a you cannot teach basic electricity without also teaching energy efficiency. We also sponsored a contest to award a \$10,000.00 Energy Efficiency Make-over for a winning home for the past two years. We are currently in a Pilot Project called miPower. Through new thermostats and water heater controls, the Member can adjust settings and time of use for these major appliances. While the Pilot Project is on-going, the results are good to this point. The only downside has been a few equipment failures, but the manufacturer of the thermostats has worked to resolve said issues.

3) Your MOU or Co-op's Energy Efficiency Programs:

Instructions: Input information as applicable; add fields as necessary. For the previous calendar year, please list energy efficiency programs and provide applicable estimated achieved savings – energy and/or demand, or other program performance metric (for example participation.) Add additional lines as needed.

Energy Efficiency Program	Estimated Energy Savings or	Estimated Demand Savings or	Other Program Performance Metric

miPower	20-30% of the Participating Members' average consumption.	1,900 kW	
Totals			

4) Program Materials / Additional Information

Instructions: Public information about your energy efficiency programs (brochures, website information, etc.) may be attached and provided with this form.

Following are a few examples of the information we provide. In an effort to curb the use of paper, we have made every attempt to use our website, www.grayson-collin.coop, for as much promotion of products and services as possible. If additional detail is needed, please contact David McGinnis.

GCEC
Grayson-Collin Electric Cooperative
connecting you and your world

GCEC serves Grayson and Collin Counties. We also live in and support all of the great communities within our region. Our principal goal is to be your source of information for all electricity needs, as well as striving to keep our members informed and involved so they can make a difference in their community. If you have any electricity issues or needs, please call us at 800-967-5235.

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Scholarships...
Calling all High School Seniors! Grayson-Collin Electric will be awarding scholarships to qualifying seniors. We could have a \$500 scholarship waiting just for you!
[Click to cont...](#)

Youth Tour...
Would you like to take a trip of a lifetime, see Washington DC up close and personal? We have a trip waiting for one lucky Grayson-Collin Electric Cooperative youth!!
[Click to cont...](#)

GCEC and Verizon, two great names in service that you can trust!
The new Verizon store is now open in Van Alstyne offering you great Verizon service for voice, data, and texting through the hottest phones out there including smart phones like the iPhone, Blackberry, Droid, Samsung, LG, Motorola, and more. The Verizon store is on the northbound highway 75 access road in Van Alstyne. GCEC and Verizon, the service you need with the phone you want. Put GCEC and Verizon to work for you. Two great names, great phone choices, and a plan to suit you.
[Click to cont...](#)

GCEC Introduces the miPower Pilot Program!
Through the miPower program, you will be able to monitor and control your electricity consumption through the internet. The miPower meters will submit meter readings in fifteen minute intervals via a cellular wireless carrier much like data is delivered through an air card or smart phone. The meter also houses smaller two way radios that communicate with devices installed on the home's water heater, air conditioner and heating systems. Upon installation of the meter and control devices, the Member can configure the settings for

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Responsible Energy Savers

GCEC Coop - Energy Efficiency - Windows Internet Explorer

http://www.grayson-collin.coop/community/safety/energy-efficiency.aspx

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Great Energy Saving Tips from Touchstone Energy

When it comes to energy efficiency, there are a variety of ways to improve your homes performance. Take a tour and discover all of the benefits with these great tools below:



[Kids Zone](#)
The Touchstone Energy Kids Zone, a cool place where you can learn about electricity, energy savings and electrical safety.



[Light Bulb Energy Saver](#)
This Light Bulb Energy Saver calculator application will help you find out how much you can save by switching from regular incandescent light bulbs to compact fluorescents.

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Energy Management Guide

A Guide to Lowering Utility Costs by Using Energy Wisely

One of the best things about being a member of an electric cooperative is that you have the power to directly affect what you pay for energy. Download this PDF file to get all the information you need to manage energy effectively in your home or business.

You have the Power!

Internet 100%

http://www.grayson-collin.coop/electricity/documents/EnergyGuide.pdf - Windows Internet Explorer

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You have the
POWER!



A Guide to Cost-Cutting Conservation Measures

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A Guide to Lowering Utility Costs by Using Energy Wisely

One of the best things about being a member of an electric cooperative is that you have the power to directly affect what you pay for energy.



When all co-op members make the effort to manage their energy use more effectively, the result is that the co-op ultimately doesn't need to buy as much energy to serve members' needs. That means that the cost of energy comes down for everyone in the co-op. Not only that, you'll also be helping to reduce your co-op's dependence on power generated by fossil fuels. That means cleaner air for everyone.

This guide is designed to give you all the information you need to manage energy effectively in your home or business. You'll learn how to make the most efficient use of energy in everything from heating and cooling systems to lighting and appliances. There are tips on saving energy in small ways every day, as well as detailed information about taking energy efficiency into account when it's time to replace major appliances or if you're undertaking a major home renovation.

Remember, doing all you can to effectively manage energy use will have a direct impact on your energy costs and quality of life. As a co-op member, that's the kind of power you have.

- 1 Heating and Cooling 2
- 2 Appliances 7
- 3 Home Electronics 10
- 4 Lighting 11
- 5 Pools and Spas 12

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Touchstone Energy Kids Zone - a Fun place to learn about Energy - Windows Internet Explorer

http://www.touchstoneenergykids.com/

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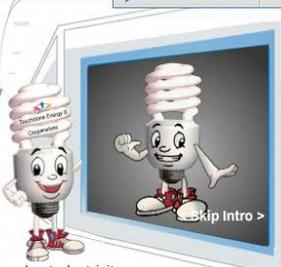


Touchstone Energy
Kids Zone
www.kidsenergyzone.com

- ENERGY FACTS
- ENERGY SAVINGS
- FUN AND GAMES
- TEACHER ZONE

LEARNING ABOUT ENERGY
HAS NEVER BEEN SO EASY

VIEW PRESENTATION



Click Intro >

WELCOME...

to the Touchstone Energy Kids Zone, a cool place where you can learn about electricity, energy savings and electrical safety. Energy is part of our daily lives. Every time you watch television or turn on a light you are using electricity.

Here at the Touchstone Energy Kids Zone we have some fun games and activities that will help you learn about energy and energy efficiency. We have lots of information you can share with your family and friends.

ENERGY SAVING TIPS
Click to learn more



RENEWABLE ENERGY
Watch and enjoy



FUN AND GAMES
Play and learn



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Great Energy Saving Tips from Touchstone Energy

When it comes to energy efficiency, there are many great tools below:

 Kids Zone The Touchstone Energy Kids Zone is a safe, fun place for children to learn about electricity.

 Kids Zone The Touchstone Energy Kids Zone is a safe, fun place for children to learn about electricity.

 Light Bulb Energy Saver This Light Bulb Energy Saver is a great way to save energy and money.

Light Bulb Energy Saver close or Esc Key

Touchstone Energy Cooperatives
The power of human connections®

Light Bulb Calculator

Compact Fluorescent lightbulbs (CFLs) consume 66% less energy than comparable incandescent bulbs, yet last up to 10 times longer. **See how much money you can save** using CFLs—enter the number of bulbs to be replaced and press "calculate".

Replace Bulbs

Calculate

 Incandescent



 Compact Fluorescent

Take a tour and discover all of the benefits with our Virtual Tour about electricity, energy savings and electrical safety. Find out how much you can save by switching from incandescent to CFLs.

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miPower - Windows Internet Explorer

http://www.grayson-collin.coop/partners/miPower.aspx

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miPower

miPower - Providing You More Information and Control

Grayson-Collin Electric Cooperative was organized and incorporated in 1937 as a result of the Rural Electrification Act of 1935. Better known as the REA, the act was designed to provide power to rural America through the cooperation of owners of the electric cooperatives. For the past few months, we have written a series of articles on the Operating Principles in which the Cooperative uses as guidelines to assist in accomplishing our long standing mission of providing the very best service possible at the least cost possible.

In earlier days of the Cooperative, we were charged with empowering the "new" users of electricity with "new" technology such as electric irons, washing machines, water heaters, central heating and air conditioners, farm appliances, etc. As the world we live in became more technological, the Cooperative assisted in some comforts of the home such as televisions, personal computers, gaming systems and a variety of chargers to power items such as laptops and cell phones.

As these technological advances continued, Grayson-Collin has implemented them in our operations, too; so we could continue to improve on our mission of providing the very best service possible at the least cost possible. We have embraced the "computer world," especially in the past couple of decades by digitizing the maps of our distributions system, installing computers in our vehicles to assist in delivering service orders to the crews and using advanced meter technology to report readings to the office to save in fuel costs. The list of these steps could go on to fill the pages of several issues of the Texas Co-op Power Magazine.

As this article is being written during the first week of May, we have been working to implement even better technology in our metering. While the term "Smart Meter" has been around for a couple of years, we believe that this term has been much overused by others in the industry. It has also been met with much skepticism as other electric companies have installed these meters on their distribution system. You won't hear your employees use the terms "Smart Meter" or "Smart Grid," as we continue to implement technology to assist us in delivering electricity and to assist you in energy conservation. Instead, we have chosen to name this new program "miPower."

While you have always been in control of energy consumption through thermostat settings, consumers have had very little information concerning the actual usage throughout the month. Instead, we have simply let you use as many kilowatt hours each month as you demand, then send you a statement based on the meter reading. Unless you read your meter frequently or called to inquire about the meter readings being submitted through our current brand of automatic meter readings, the amount of the bill was a mystery until the statement was opened.

Through the miPower program, you will be able to monitor and control your electricity consumption through the internet. The miPower meters will submit meter readings in fifteen minute intervals via a cellular wireless carrier much like data is delivered through an air card or smart phone. The meter also houses smaller two way radios that communicate with devices installed on the home's water heater, air conditioner and heating systems. Upon installation of the meter and control devices, the Member can configure the settings for these three appliances to allow for the most efficient consumption possible. Once configured, the Member will receive meter readings for the entire home; as well as, the devices being controlled. You will now have the ability to see exactly how much electricity is being used by the largest appliances in your home.

Another added feature will be outage detection. In the event of a power outage, the Member and the Cooperative will be notified that the meter has lost power. A second message will be sent when power has been restored. We believe that this will eventually alleviate the aggravation of having to call the Cooperative to determine if we are aware of the outage.

We are seeking approximately 150 volunteers to participate in a six month Pilot Program to test the miPower program. If selected to participate in the Pilot Program, the Cooperative will install a new meter on your home, and we will contract with an electrician to install control devices on the water heater, air conditioner and heater. If you are interested in additional information or in becoming a miPower Pilot Program participant, please fill out the miPower Participant questionnaire listed below. We will send you additional information concerning the miPower program, and we will answer any questions you may have.

If the miPower Pilot Program results in favorable information, we plan to install the miPower meters through the Cooperative service area. With over 36,000 meters currently being served, this will be a major project that will take several years to complete.

For additional information, click the following links...

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5) Please submit this form to SECO at: SB924.Reporting@cpa.state.tx.us