


New Enterprise Rural Electric Cooperative, Inc.

A Touchstone Energy® Cooperative 



One of 14 electric cooperatives serving Pennsylvania and New Jersey

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P.O. Box 75
New Enterprise, PA 16664-0075
814/766-3221 • 1-800-270-3177
FAX 814/766-3319
Website:
www.newenterpriserec.com

BOARD OF DIRECTORS

Leroy D. Walls, President
Harry Johnson, Vice President
John R. Dively, Secretary
Robert Guyer, Asst. Secretary
Dean Brant, Treasurer
David Bequeath
Timothy Newman
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OFFICE HOURS

Monday through Friday
7 a.m. - 4 p.m.

EMERGENCY OUTAGE NUMBER

814/766-3221
1-800-270-3177

FROM THE MANAGER/CEO

More services to save you time and money



Rick L. Eichelberger
General Manager & CEO


NEW ENTERPRISE Rural Electric Cooperative (REC) may be the smallest cooperative in Pennsylvania, but we have many services to offer our consumer-members. For than 70 years, we have worked hard to provide you with reliable and affordable electricity.

Over these 70 years, many things have changed. Today, people are busy and want more convenience. Therefore, we have and will continue to add more services to save you time and money. The following list includes the services we provide:

- ▶ **Auto Pay** — Auto Pay is a program designed to automatically withdraw your electric payment from your checking or savings account on the 20th of each month. To start this program, a completed form is required. Call or stop by the office to get one of these forms or you can get the form on our website at www.newenterpriserec.com.
- ▶ **Recurring Credit Card** — The recurring credit card program is very similar to Auto Pay. With this program, the cooperative will charge your monthly bill to your credit card on the 20th of every month. Call or stop by the office to get the required form. At this time, this form is not available on our website (we have included the form in this issue of *Penn Lines*).
- ▶ **Budget Billing** — New Enterprise REC can set up your account on budget billing. With this program, the computer looks back at your previous 12 months' use, averages it and rounds it off to the nearest \$10. This procedure is done each month so your account doesn't get too large of a balance due or a credit balance. No form is required for this plan. The account needs to have a zero balance before we can set it up on the billing.
- ▶ **Life-Sustaining Equipment** — New En-

terprise REC keeps a list of consumer-members who require life-sustaining equipment. Each account is coded so we know at a glance if someone in your household has this equipment. Your physician will need to complete a form, which must be updated each year. Being on this list doesn't guarantee you never will be without electricity, but we will do our best to get you back in service as soon as possible.

- ▶ **Penn Lines** — Each month, all consumer-members receive a copy of *Penn Lines*. Every issue provides feature stories, safety and efficient use of electricity tips, recipes, plus much more. New Enterprise REC's information is located in the middle four pages. This section lets you know what is happening at your co-op.
- ▶ **Family in Need** — Consumer-members may elect to have their electric bill rounded to the nearest dollar with the extra cents going into the Family in Need Fund. This fund is designed to assist families experiencing a hardship paying their electric bill.
- ▶ **Payment by Phone** — Members who wish to pay over the phone can call our office between 7 a.m. and 3:30 p.m. and one of our customer service representatives can assist you.
- ▶ **Payment through the website** — Internet users can now pay online. Go to www.newenterpriserec.com and click on the "Enter Here" green button. First-time users will need to register. With our new e-bill, you can enter your meter reading, pay your bill and view past bills and/or past account history.
- ▶ **Payments at two local banks** — Payments can be made at Community State Bank in Waterfall or Susquehanna Bank in Woodbury.

Remember, if you are paying your bill by Auto Pay, Recurring Credit Card, by phone or by internet, we still need your meter reading monthly. Do you have an suggestion that would help us to serve you better? Let us know. 

New Enterprise Rural Electric Cooperative, Inc.

Phone: 814/766-3221
800/270-3177

P.O. Box 75

New Enterprise, PA 16664
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Recurring Credit Card Form

New Enterprise Rural Electric Cooperative will electronically charge your credit card each month for payment of your electric bill. Your credit card payment will be processed on the 20th of each month. Should the 20th fall on a weekend or holiday, your card will be charged on the next business day. ONLY MASTERCARD OR VISA ARE ACCEPTED. Please complete the form below:

AUTHORIZATION TO PAY ELECTRIC BILL

Return this form to New Enterprise Rural Electric Co-op
P.O. Box 75, New Enterprise, PA 16664

Name: _____

Credit Card Account No. _____

Address: _____

Expiration Date: _____

Type of Credit Card: _____

New Enterprise REC Acct. No.: _____

Daytime Phone No.: _____

Email Address: _____

Check this box if you would like to receive your monthly billing statement by email.

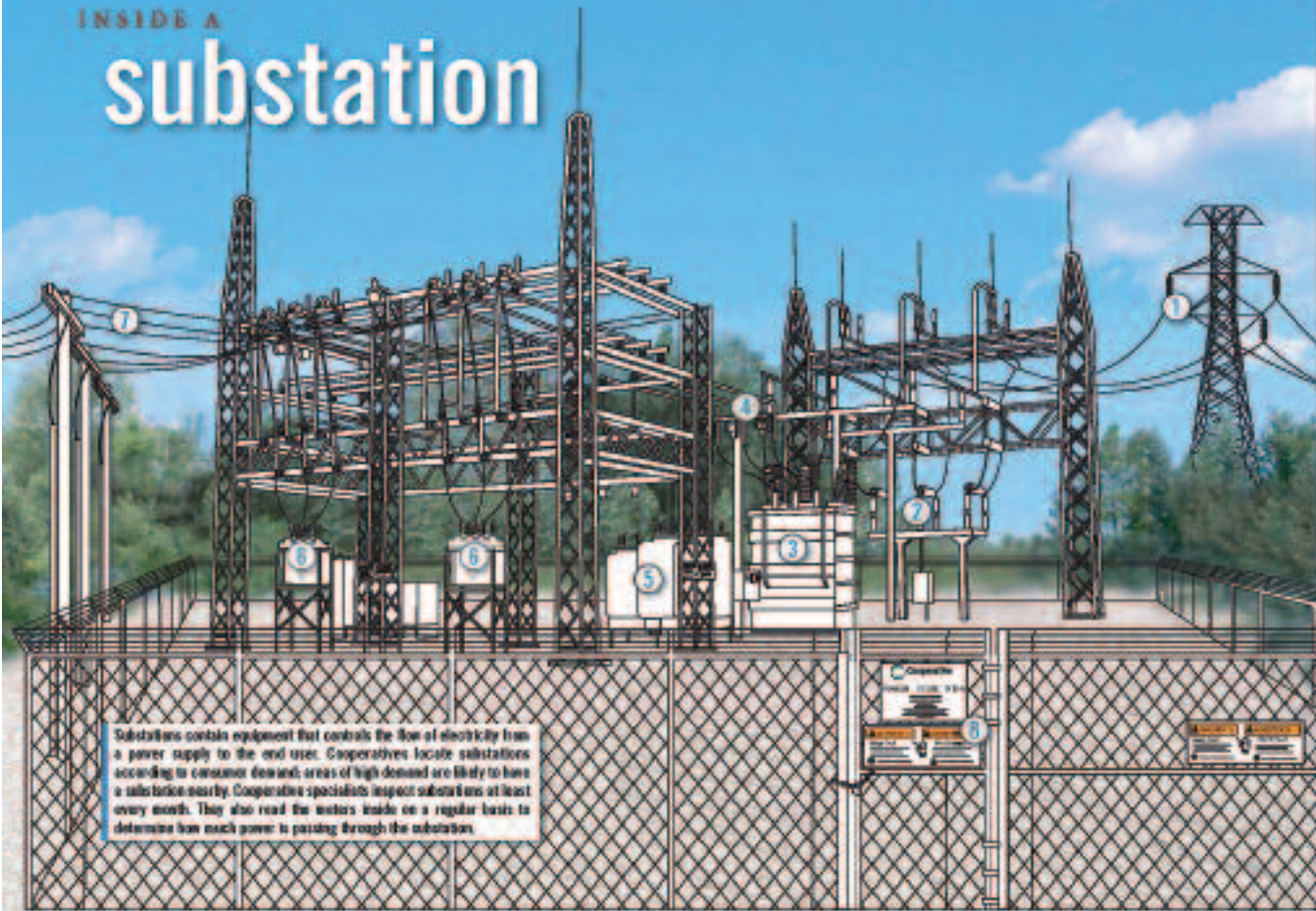
Account Name Signature

Date

Joint Name Signature

Date

INSIDE A substation



Substations contain equipment that controls the flow of electricity from a power supply to the end user. Cooperatives locate substations according to consumer demand; areas of high demand are likely to have a substation nearby. Cooperative specialists inspect substations at least every month. They also read the meters inside on a regular basis to determine how much power is passing through the substation.

- 1 Transmission Lines**
They're power on line. The substation is 3 (or more) levels (7.5 volt per phase). The lines are in a way to get voltage (a measure of the energy) to the users. They're from 40,000 volts to 700,000 volts (called high-voltage lines) and higher.
- 2 Circuit Breakers**
Like the traffic light, they're the switch that can make the line stop or start. They're used to stop the line when it's not working.
- 3 Power Transformer**
They're used to change the voltage. They're used to change the voltage from 7,000 to 10,000 volts (called a transformer) or from 10,000 to 70,000 volts (called a power transformer). They're used to change the voltage from 7,000 to 10,000 volts (called a transformer) or from 10,000 to 70,000 volts (called a power transformer).
- 4 Potential Transformers**
They're used to measure the voltage. They're used to measure the voltage from 7,000 to 10,000 volts (called a potential transformer) or from 10,000 to 70,000 volts (called a power transformer).
- 5 Voltage Regulators**
They're used to regulate the voltage. They're used to regulate the voltage from 7,000 to 10,000 volts (called a voltage regulator) or from 10,000 to 70,000 volts (called a power transformer).
- 6 Disconnects**
They're used to disconnect the power. They're used to disconnect the power from 7,000 to 10,000 volts (called a disconnect) or from 10,000 to 70,000 volts (called a power transformer).
- 7 Distribution Lines**
They're used to distribute the power. They're used to distribute the power from 7,000 to 10,000 volts (called a distribution line) or from 10,000 to 70,000 volts (called a power transformer).
- 8 Metering Transformer**
They're used to measure the power. They're used to measure the power from 7,000 to 10,000 volts (called a metering transformer) or from 10,000 to 70,000 volts (called a power transformer).

Co-op Notes

- ▶ Due date is April 28, 2008.
- ▶ Second disconnect date for April is the 24th.
- ▶ Be sure to have your meter reading in our office on or before the due date.

A message from your meter I'm OK

I have been accused of everything in the book. Some say I run when nothing is operating in the house (I creep!). They say I make too much noise, and that I even run at outrageous speeds.



I'm really a very capable guy. I am one of the most accurate measuring devices in modern times. I work day and night, and I don't have any ill feeling toward anyone. I only do my job of letting you know how much electricity has been used. Sometimes because of a loose seal around my face, I get dirty and begin to slow down because of the added weight of the dirt. And once in a while I get struck by lightning and I stop dead.

I just can't understand it. My cousin (a gasoline pump) never gets blamed for poor gasoline mileage in the family car. Maybe it is because you can't see electricity and you can see gasoline. Some families use more hot water, cook more and entertain more. Some people take showers, others tub baths, and some only once a week or less. Others have only one hot meal a day and some have three hot meals, which uses more electricity. Even if all of the appliances in homes were identical, people's living habits would make the difference, not to mention bad house wiring, which makes me run at a terrific speed.

Sometimes I am really depressed. I work tirelessly, and I do a good job, and still I'm the object of a lot of criticism. But, when most people think it over, they begin to realize that I do my job well, and that electricity is the cheapest servant to be found. So, you see, I'm not a crook at all. I only record the amount of work your efficient electric servants do for you.

KIDZCORNER

Animals and Electricity

Two months ago, you learned about electricity and the human body. This month, you will learn about sea creatures and electricity.

Sharks

Sharks have sense organs on the skin of their nose that have tiny bumps filled with a jelly-like substance. These tiny bumps can pick up the electrical impulses of fish swimming nearby.

Fish give off tiny quivers of a type of electricity as they swim. Sharks can feel these quivers through the sensitive skin on their noses. Sharks don't seem to have very good eyesight, and ocean water can be dark and murky, so they're lucky to have big, sensitive noses!

Electric Eel

The most important of the electric fish is the electric eel (which is not actually a true eel) from South America. The electric eel uses special parts of its body to make electricity – about 75 to 100 volts for every foot in length. Most eels grow to five or six feet in length.

The electric eel can give out a single shock of electricity at a time, and then it has to rest. It uses the charge to knock out or stun a smaller animal it wants to eat. Even a young one-foot electric eel is capable of producing an electric shock that could stun a grown-up person!

People can see electric eels in special places for fish called aquariums. The aquarium keepers wear thick rubber gloves if they have to handle these eels. They even wear the rubber gloves while cleaning the glass walls of the eel's tank because the eel might become disturbed and give off a shock.

Why rubber gloves? Thick rubber is not a conductor of electricity. The aquarium workers don't want cleaning the eel's tank to become a "shocking experience!"

Torpedo Ray

Other fish are "electric," too. The torpedo ray lives in the ocean and has sense organs located on either side of its flat head. The electric catfish lives in some African rivers and has an electric shock organ that runs along its entire back.

Electric Knife Fish

Here's another kind of electric fish that lives in some deep, cloudy parts of the ocean. The ocean is cloudy from all the sand and silt floating around because the ocean moves all the time. The ocean is dark in some places because the light from the surface doesn't reach down very far. Because of this, it takes animals with special features to live in these dark places.

One such animal is the electric knife fish. The eyes of this fish are very small. Who needs eyes where it's too dark to see?

This fish, however, uses its whole body to feel and "see." It has a way of giving off an electric signal that surrounds itself. The whole body of the electric knife fish can feel other fish.

Fish swim together in groups called schools. The electric knife fish swims in schools with other electric knife fish. But they don't swim too close to each other. All electric knife fish give off quivers of electricity. They can feel where other fish are in the darkness. When they come too close to another fish that has a strong electric signal, they quickly move away.