

# Energy Partners



New-Mac Electric Cooperative

Your Touchstone Energy® Partner 

## Safety Guidelines for Generators

Learn how to choose the right generator for your needs.

Learn how to use a  
generator safely  
**BEFORE** you need it.



If you are concerned about ice, snow or wind causing occasional power outages this winter, you may be considering the purchase of a generator. New-Mac Electric wants you to understand the benefits, limitations and safety considerations of generators before you commit to the purchase. While generators are a valuable resource during outages, it's essential to use them responsibly to protect both yourself and our dedicated line-workers.

### Choosing the right location

You need to know where you will put your generator. Never use a generator in your home or garage as they give off deadly carbon monoxide. You should only operate your generator outdoors on a dry, level surface. Your generator should also be under a canopy or similar covering because water and generators are a dangerous combination. Where you put your generator may be determined in part on what type and size you choose. A portable generator, as its name suggests, can be moved around to different locations. However, if you need a larger, permanent generator you'll need to set up a permanent location.

### Choosing the right type and size

Generators are classified by how much power or watts they can produce. That wattage measurement is important because it determines how many devices you can power. According to Consumer Reports (CR), the typical home requires 5,000 watts to cover the basics.

When considering which generator to buy, decide what is essential when the power is out. Then add up the wattages to get an idea of how much power you will need. For example, a refrigerator typically takes 600 watts to run; a sump pump requires 750 to 1,500 watts; a portable heater can take 1,500 watts; and lights can require from 60 to 600 watts (depending on how many you power and the size of your home).

Your generator should have more output than the wattage of your required appliances and electronics. This way, the generator will be able to create the extra electricity it takes to start up some appliances. In addition, overloading a generator can lead to malfunctions and potential hazards. Keep a careful eye on the wattage of the appliances you

connect to avoid overloading your generator.

### Let's look at the most common types of generators:

#### 1. Portable Generator

These generators typically run on gasoline so are extremely dangerous, since they can produce carbon monoxide (CO). Considering this, never run these indoors or in an enclosed space and always keep them at least 20 feet from your home when operating them. Additionally, do not use them in damp or wet conditions. Some newer models feature a built-in CO sensor that triggers an automatic shut-off feature if it detects CO buildup. Other advanced models are designed to emit less poisonous fumes; both of these safety features help to save lives. Prices range from \$400 to \$1,000.

#### 2. Inverter Generator

This type of  
See *Safety* page 3



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New-Mac Electric Cooperative

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Energy Partners is a monthly publication of New-Mac Electric for the purpose of informing members of the programs, services and happenings of and related to the cooperative.



# New-Mac continues rebate program

## Bill-credit rebates for qualified appliances offered

New-Mac Electric is excited to continue its energy-efficiency rebate program into 2025. Co-op members still have the opportunity to receive rebates on electric tank water heaters (with a minimum of 40 gallons), ENERGY STAR-rated window air conditioners, and air-source, mini-split (ductless), and ground-source heat pumps. To qualify for the rebates, air-source and mini-split heat pumps must have a SEER rating of at least 17.2, while ground-source heat pumps need to have a 19.1 EER rating. In addition to these rebates, co-op members can also get 50% off the cost of an ENERGY STAR-rated smart thermostat (up to \$50) or 50% off a heat pump water heater (up to \$500). These rebates are designed to encourage energy-efficient purchases that not only help the environment but also bring long-term savings through energy conservation.

To qualify for a rebate, New-Mac Electric must receive a completed rebate form along with a copy of the purchase receipt within 90 days from the purchase date. Rebate forms can be found online at [newmac.com](http://newmac.com), as well as at the Neosho and Anderson offices. Members can also apply online for added convenience. Once approved, the rebate will be applied as an energy credit on a future New-Mac bill.

For any questions or clarification about the rebates and their eligibility requirements, please contact Tamara in the Member Services Department at 451-1515.

## **New-Mac Electric 2025 Rebates**

### **WINDOW AIR-CONDITIONING UNITS – \$50**

- must be submitted within 90 days of purchase
- not to exceed 50 percent of total cost
- must be ENERGY STAR rated
- limit one per address
- service where installed must use 6,000 kWh per year
- for residential customers only

### **WATER HEATERS – \$50**

- must be submitted within 90 days of purchase
- must have an energy rating of .9 or better
- limit two per address
- must be a 40-gallon tank or larger
- tankless (on-demand) water heaters are not eligible
- service where installed must use 6,000 kWh per year
- for residential customers only

### **HEAT PUMP WATER HEATERS – UP TO \$500**

- must be submitted within 90 days of purchase
- not to exceed 50 percent of total cost
- must be ENERGY STAR rated
- for new construction or replacement of unit below .9 efficiency
- must be a 40-gallon tank or larger
- limit two per address

### **SMART THERMOSTAT – UP TO \$50**

- must be submitted within 90 days of purchase
- not to exceed 50 percent of total cost
- must be ENERGY STAR rated
- for new construction or replacement of a non-ENERGY STAR unit
- limit two per address

### **AIR-SOURCE HEAT PUMPS – \$150 PER TON**

- must be submitted within 90 days of purchase
- must be ENERGY STAR +2 SEER rating of 17.2
- supplemental heat must be controlled by an automatic thermostat
- for residential or commercial customers

### **MINI-SPLIT HEAT PUMPS – \$150 PER TON**

- must be submitted within 90 days of purchase
- must be ENERGY STAR +2 SEER rating of 17.2
- must not have electric resistant heat as a backup
- for residential or commercial customers

### **GROUND-SOURCE HEAT PUMPS – \$300 PER TON**

- must be submitted within 90 days of purchase
- must be at least 19.1 EER
- must provide documentation of Manual J load calculation
- \$150 per ton is available if only the indoor unit needs replaced
- 10 tons or more must be pre-approved
- minimum insulation requirements (R-38 for ceiling, R-13 for walls)
- for residential or commercial customers

### **ELECTRIC VEHICLE CHARGING STATIONS – \$250**

- must be submitted within 90 days of purchase
- limit of two (2) rebates per member location
- the charging station must be new and UL listed
- the cooperative residence must be a permanent structure with a foundation on land owned by the member and electric supplied by the cooperative
- must be a Level 2 charging station

## ○ Safety

Continued from page 1

generator has a more complex engine than its portable cousin. Because of that, inverter generators usually cost more than portable versions. They are much quieter than portable generators since they throttle up and down to match demand (instead of running at constant full power). They also boast more advanced exhaust systems, which also helps with noise levels. Inverter generators typically cost \$500 to \$4,000. If you pick this kind of generator, you should follow the same safety precautions you would with a portable version.

### 3. Standby Generator

This is the most expensive type of generator. Models range from 5,000 to 20,000 watts. Standby generators are also the most convenient since they are permanently mounted and are set up to power on automatically when the power goes out. They run on propane or natural gas and cost \$3,000 to \$6,000, not including installation. Installing this type of generator should not be done yourself. They should be installed by an experienced electrician who understands all the safety precautions needed and proper installation required to keep your family and your local lineworkers safe.

### 4. Portable Power Stations

These stations don't use gasoline or propane. Instead, they are powered by a battery that can be charged by electricity or by a solar panel. They cost more than traditional portable generators at \$750 to \$3,000. They are extremely quiet, and they don't produce fuel emissions so you can use them indoors. The downside is they don't power as many appliances as portable generators, and they don't run for an extended period of time.

Once you have chosen and purchased the best generator for your needs, it is time to make sure it is installed properly.

#### Generator Installation:

Proper Ventilation is Non-Negotiable: Gas generators emit carbon monoxide, a silent danger. Always operate your gen-

erator outdoors in a well-ventilated area, and never, under any circumstances, use it indoors or in enclosed spaces. Install a carbon monoxide detector in your home and be sure it always has back up batteries. If you already have a carbon monoxide detector in your home, check the date on the back of it to ensure that it hasn't expired. These important devices do expire and don't work properly when they do.

Installation Matters: When setting up your generator, ensure it is correctly installed. This includes the installation of a transfer switch. These switches not only protect your home's wiring but are crucial for the safety of our lineworkers during restoration efforts. Properly installed generators with transfer switches prevent back-feed into the main power grid. This is crucial for the safety of our lineworkers who tirelessly work to restore power. Make their job safer by ensuring your generator is set up correctly.

Once you have your generator installed properly, you can just sit back and relax, right? Not quite. Make sure you pay attention to your generator with regular maintenance, which is your generator's best friend. Follow the manufacturer's guidelines for upkeep to ensure it performs when you need it most.

Remember, safety isn't just about you—it's about creating a secure environment for everyone, including our lineworkers. By following these guidelines, you contribute to a safer community during power outages.



## Co-op receiving scholarship applications until April 11

New-Mac Electric Cooperative is now receiving applications for our 2025 College Scholarship Program.

This marks the tenth consecutive year in which New-Mac will be awarding one scholarship to a high school senior in each of the 10 area school districts.

In order to be eligible to receive one of the scholarships, a student must be a senior at one of the following high schools: Carthage, Diamond, East Newton, Joplin, McDonald County, Neosho, Pierce City, Sarcoxie, Seneca or Wheaton. The applicant's parent(s)/guardian(s) must be member(s) of New-Mac Electric Cooperative, and the applicant must have a cumulative minimum 3.0 GPA. Immediate family members of New-Mac employees/board members are ineligible.

A total of 10 scholarships will be awarded. Each scholarship will be in the amount of \$500 and will be non-renewable. One scholarship will be awarded to a qualifying student in each of the 10 schools listed above. The scholarship must be used at an accredited college or university, and the



winner must become a full-time college student, beginning in the fall of 2024.

For complete guidelines and the application, visit [new-mac.com](http://new-mac.com), see your school guidance counselor or call Tamara in our Member Services department at 417-451-1515. **The application deadline is Friday, April 11, 2025.**





## Unclaimed patronage available for former members of New-Mac Electric

Names listed are former members of New-Mac Electric who have unclaimed past patronage with the Cooperative. You must contact the New-Mac office at 417-451-1515 within 60 days in order to claim your property. Properties listed fall within a defined monetary range. For an extensive listing of all unclaimed patronage, visit our website at [newmac.com](http://newmac.com). More names will be published in upcoming issues of this newsletter.

HELMS, ROBBIE E & KADEE L  
HENRY, CLIFFORD J & STEPHANIE  
HENRY, GERTRUDE E  
HENSLEY, SHARON  
HENSON, ERNEST & KATHLEEN  
HERNANDEZ, LINDA  
HERSEY, DAVID & LONA  
HILL, JOHN E & BETTY L  
HILL, TERESA  
HITT, MIKE & JUDY  
HOGAN, VALERIE  
HOLCOMB, JOHN W  
HOLLAWAY, JIM  
HOOD, DUSTIN & JEANNIE  
HOOD, MIKE & CHRISTY  
HOOVER, JESSE & THERESA  
HORTON EST, KEITH  
HOTSENPILLAR, MARK  
HOUK, MARGARET L  
HOWARD, STEVE L & KATHY  
HOWERTON, BRENDA G  
HUBBARD, LOYD & LEOLA  
HUBER, JACK A & AIDA  
HUDKINS, VINCENT K  
HUMPHREY, CAROL J  
HUTMACHER, RANDY JOE & DELLA RENE  
HYDE, MICHAEL & MARY  
INGRAM EST, JOHN & MARY LEE  
JENNINGS, CATHY  
JENNINGS, DWAYNE R  
JOHNSON, RICHARD & JENNIFER  
JONES, DAVID L  
JONES, DAVID L & MARTHA  
JONES, SHARON K  
JONES, THELMA L  
JORDAN, JACK & DEBBIE

HELMS, ROBBIE E & KADEE L  
HENRY, CLIFFORD J & STEPHANIE  
HENRY, GERTRUDE E  
HENSLEY, SHARON  
HENSON, ERNEST & KATHLEEN  
HERNANDEZ, LINDA  
HERSEY, DAVID & LONA  
HILL, JOHN E & BETTY L  
HILL, TERESA  
HITT, MIKE & JUDY  
HOGAN, VALERIE  
HOLCOMB, JOHN W  
HOLLAWAY, JIM  
HOOD, DUSTIN & JEANNIE  
HOOD, MIKE & CHRISTY  
HOOVER, JESSE & THERESA  
HORTON EST, KEITH  
HOTSENPILLAR, MARK  
HOUK, MARGARET L  
HOWARD, STEVE L & KATHY  
HOWERTON, BRENDA G  
HUBBARD, LOYD & LEOLA  
HUBER, JACK A & AIDA  
HUDKINS, VINCENT K  
HUMPHREY, CAROL J  
HUTMACHER, RANDY JOE & DELLA RENE  
HYDE, MICHAEL & MARY  
INGRAM EST, JOHN & MARY LEE  
JENNINGS, CATHY  
JENNINGS, DWAYNE R  
JOHNSON, RICHARD & JENNIFER  
JONES, DAVID L  
JONES, DAVID L & MARTHA  
JONES, SHARON K  
JONES, THELMA L  
JORDAN, JACK & DEBBIE  
JOSLYN, SIDNEY D & KATHY LEE  
KELLY, BRIAN C & LINDA  
KERN, BRIAN L  
KESSINGER, RANDY & TERESA  
KEY, GEORGE & CAROLINE  
KICK, BRIAN & CORY WAGNER  
KILLINGER, CHARLES E  
KIMMONS EST, LETHA MAE  
KIRK, WINSTON & BEVERLY  
KISSIRE, TOMMY LEE & JEANNIE  
KLEIN, MAXINE  
KNAPP, SUE L  
KRAFT EST, FAYE I  
LAMB, L L & SHIRLEY J  
LAMPO, MATTHEW  
LANCE, HAYLIE & GARRETT & JAME  
BURGE  
LANGRELL, JOHN R & TAMI J

PORTER, LARRY & GENELL  
PORTER, ROBBY B  
POTTER, DALE & SANDRA K  
POWELL, JOYCELENE  
PRESLEY, ROBERT & MARY L  
PRICE, GLENIS  
RAGLAND, ROGER D & PAULINE  
REINKEMEYER, LUKE & MICHELLE  
REISS, DELORES  
REYNOLDS, JAMES E  
RICE, JEFFREY & MARGARET G  
RICHARDS, WENDELL & JOYCE  
RISSLER, ISAAC A & ESTHER G  
ROGERS, GARY  
ROHMAN JR, LEONARD & JANICE M  
ROOSEVELT, WILLIAM & LENA  
ROPER, JAMES H  
ROWE, GLENN & LINDA  
RUDDICK, AUSTIN  
RUSSELL, ROGER & PATSY  
SALES, VIRGINIA  
SAMPSON, WAYNE & BEVERLY  
SANDERS, CLYDE L & MELVA L  
SAULEN, DAVID & SHASTA  
SCHEPPERT, JOEL & ROBBIE  
SCOTT, MICHAEL WAYNE  
SEE SR, RONNIE V  
SELF, NICOLE  
SENAROSA, WALTER & DEBBIE  
SEXTON, DONALD  
SHANNON, ALICE F  
SHARP, DAVID L & REBECCA L  
SHASTID, JAY ROY & EMMA M  
SHELTON, J C & MARY J  
SHEPHERD, JACK E & NANCY L  
SHERLEY, LINDA  
SHERWOOD EST, KAY  
SHIPMAN, VERNAL D  
SHULL EST, STEVE  
SLOTTERDIKE, MICHAEL  
SMITH EST, RETA  
SMITH SR, WILLIAM B & MELODY L  
SMITH, DALE A & TERESA  
SMITH, DONALD & JUDY KRAFT  
SMITH, JIM D & LINDA E  
SMITH, PAUL E & MILDRED H  
SMITH, SHARON A  
SOUTHERN, EMOGENE  
SOWDERS, JO ANNE  
SPENCER EST, PAUL & MARY  
SPENCER, DON & SANDRA LONG  
SPIVA EST, JOYCE G  
STARK, DONALD W & CHARLOTTE  
STEPHENS EST, CHRISTINA

STROUD, TIM & DEBBIE  
SULLIVAN, SANDRA  
SWINSON JR, MARC & AMY E  
TAYLOR, TRENT  
TEAGUE, ARLEY & RAMAE  
TESTERMAN, BRUCE & TERRY  
THACKER, CHARLES E & LINDA M  
THIEMAN, RYAN  
THOMAS, CAROLYN  
THOMAS, DANNY K  
THOMAS, JAMES A  
THOMPSON, DAVID H & KRISTY  
THOMPSON, ROBERT C & CONNIE  
THURSTON, ALAN R & ROSE A  
TOLAND JR, IRA L & DEBRA L  
TRENT, EVERETT F & JANE  
TURNER, DAROLD M & BETTY J  
VAILES, STEWART & PATRICIA  
VANWINKLE, WILLIAM D & LAURIE  
VANZANDT EST, LEROY A & RUTH  
VAUGHN, RONDA  
VICKERS, DENNIS J & KENDRA  
VINYARD, STEVEN G  
WAKEFIELD, MICHAEL  
WALKER, BRIAN & LARRY STITES  
WALKINSHAW, TOMMY & REBECCA  
WALTRIP, MISTY  
WATERHOUSE, E. ROBERT & RUTH ANNE  
WATSON, JANE L  
WEAK, LARRY J & SHARON A  
WEATHERMON, DAVID  
WEAVER, LADONNA  
WECKER EST, DOROTHY  
WELLS, DON  
WESTFALL EST, MICHAEL A & KATHALEEN  
WESTON, JARED & KAREN  
WESTRICK, EARL  
WHEELER, FLOYD & MYRA  
WHITE, RON  
WHITTINGTON, KIMI T  
WILKS, JEFFREY P & DEBORAH L  
WILLIAMS JR, JOHN BEN  
WILLIAMS, DAVID A  
WILLIAMS, JEFFERY A & SUSAN M  
WILLIS, VANCE M & SHAWN O NUGENT  
WILMOTH, HOMER M & BETTY R  
WILSON, JAMES A  
WILSON, JEANNIE A  
WISDOM JR, ANUAL L & ELLEN PANTHER  
WISEK, JAMES  
WITT, DAVID W  
WOOD, MICKY & AMY  
WOODWORTH, ROYCE & JUDITH  
WOOLRIDGE, DEBBIE J

### Management Team:

**CEO/General Manager** - Stan Irsik  
**System Engineer** - Jeff Crites  
**Manager of Billing Services** - Josh King  
**Manager of Marketing** - Mark K. Rakes  
**Operations Manager** - Jeremiah Taylor  
**Controller** - Marti Wiley

### Main Office:

P.O. Box 310 — 12105 East  
Highway 86  
Neosho, Missouri 64850

### District Office:

9 Mustang Lane  
Anderson, Missouri 64831

**Phone:** 417/451-1515

**Fax:** 417/451-9042

**Outages & Payments:**  
844/971-1078

### Office Hours:

Neosho — 8 a.m. to 5 p.m.  
Anderson — 8 to 11:30 a.m.,  
12:30 to 5 p.m.

### Board of Directors:

**District 1** - Bruce Youngblood  
**District 2** - Tim Short  
**District 3** - Richard Leavens  
**District 4** - Beryl Kennedy  
**District 5** - Billy P. White  
**District 6** - Paul Sprenkle  
**District 7** - Maurice Mailes  
**District 8** - Jason Ruddick  
**District 9** - Jamey Cope