



SUN POWER PROGRAM



Save on your monthly energy bill
with your own solar energy system.

Making Solar Power Affordable

Jackson EMC supports energy efficiency through various programs and services including the use of reliable renewable energy technologies. As a way to encourage the adoption of these proven resources, we're offering a rebate to help make solar powered systems more affordable to our members.

The technology for our **Sun Power Program** uses photovoltaic (PV) cells to convert light from the sun directly into electricity. The benefits of this technology include:

- **Clean, safe and renewable energy source.**
- **Modular system that can grow with demand.**
- **Conserves our natural resources.**
- **Reduces the environmental impact of energy production.**

Financial Incentives

Solar Powered Home: A one-time rebate of \$250 per kilowatt (kW) of DC installed, up to 10kW for members who qualify. Federal and State tax credits may also apply.

Special financing is available for Solar Powered Homes through the Go Energy Financial Credit Union and loans are for up to 10 years. Call 888-959-7132 or visit jacksonemc.com/sunpower.

Programs are for residential applications only. Jackson EMC inspections and guidelines are for rebate purposes only. Proper installation and performance is the sole responsibility of the contractor and equipment manufacturer.



Before you install...

Many factors may affect whether you qualify for our rebate program. Here are a few things to consider in advance:

- ✓ **You must be a Jackson EMC member.**
- ✓ **You must own the property.**
- ✓ **If being built on the roof, ideally panels should face south.**
- ✓ **The property must have minimal shading by trees, buildings and other structures.**
- ✓ **The property must be free from deed restrictions on solar energy systems.** Check with your homeowners association. If there are restrictions, you may be able to pursue an architectural review with your neighborhood association to amend the restrictions.
- ✓ **Is the roof in good condition?** Your roof must be able to support a solar system installation.
- ✓ **Do you have access to funds needed and is the payback period acceptable?**

Note: Jackson EMC reserves the right to deny rebates when installation does not follow equipment and installation specifications.

Rebate Program for Homes

To qualify for the one-time rebate of \$250 per kilowatt (kW) of DC installed, from Jackson EMC (up to 10kW), you must follow the guidelines below. Federal and state tax credits may also apply.

- **Contractors must be North American Board of Certified Energy Practitioners (NABCEP) certified PV Installation Professionals. Visit nabcep.org and search under Professional Directories for a Board Certified contractor.**
- **Metering and energy billing and credit must meet Jackson EMC's Distributed Generation Interconnection Procedure installation guidelines and Net Metering Rider requirements.**
- **Jackson EMC will retain any renewable energy credits.**
- **All systems must be pre-approved and meet program guidelines to be connected to Jackson EMC infrastructure and to qualify for Jackson EMC rebates.**
- **A required solar site survey is provided through Jackson EMC..**
- **Jackson EMC solar power members will be on the Net Metering Rider. This rider can be found at jacksonemc.com/NMrider.**

Note: County or local permits and inspections are the homeowner's responsibility.



Jackson EMC offers members a rebate to help make solar-powered systems more affordable.

FAQs: Solar Powered Homes

Will a solar energy system produce enough energy to handle all my electricity needs?

For the average member, a solar system will produce 20-50% of their annual energy needs, depending on the size of the system and the energy requirements of your home. The size of the system that is right for you depends on how big of an investment you want to make and how much sunny area is available. Also, the Jackson EMC rebate maximum is for a 10kW system and is capped at \$2,500.

How much electricity will my solar system produce?

The amount of electricity generated by a solar system depends on several factors: system size, orientation of the system and shading. Typically, a 5 kW system will generate 6,000 to 7,000 kWh per year. You can also calculate possible generation by visiting the National Renewable Energy Laboratory PVWatts Calculator website at pvwatts.nrel.gov.

What happens during an electric outage?

In any type of electric outage, only a solar energy system with battery backup will continue to have power.

What happens on cloudy days?

Since solar energy systems require sunlight to produce electricity, the bulk of your electricity production will take place under sunny conditions. Output is directly proportional to the amount of sunlight available at any given moment. A system can generate 50-70% of its typical output under bright overcast conditions but production will continue to diminish as less light reaches the system.

How do I get started with installation?

To get you started, please call your local Jackson EMC office, or you can access more information, including guidelines, at jacksonemc.com/sunpower.



Visit jacksonemc.com for more information about our **Sun Power Programs**.



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