

Rooftop Solar = Net Metering

With the arrival of sunny weather comes interest in rooftop solar. CEC currently has 40 members with rooftop solar, and we work with members to achieve their renewable goals.

CEC supports self-generation from renewable resources and allows members to generate their own electricity as mandated in Missouri's "Net Metering and Easy Connection Act." Prior to installation, members must complete CEC's Application and Agreement for Interconnection and Net Metering. This is available upon request or at CECMO.com.

Working alongside CEC's engineering and metering personnel will ensure that the generating system is wired correctly and the appropriate safety devices are installed. This will avoid dangerous back-feeding into the electric distribution system that could risk linemen's lives during a grid outage and require costly rewiring for the homeowner.

Before you buy, thoroughly research the equipment and feasibility of producing power at your location. Suggested resources include the Missouri Dept. of Natural Resources, the U.S. Dept. of Energy, and the American Solar Energy Society.

After the generation equipment is in place, CEC will install net metering at no extra charge. The amount of generation used in the home and delivered back into the power grid is then tracked. Members will receive a credit for the amount of electricity generated that exceeds their home's needs. Additional information can be found at CECMO.com/content/net-metering or call 877-876-3511.

Outages

Common Causes

No one likes outages, but there are some common causes that we do our best to protect against. While we cannot prevent all outages, here are the most common causes:

- **Storms:** From ice to wind and lightning, storms cause most outages on CEC's lines.
- **Trees and vegetation:** CEC has an aggressive vegetation management program that has greatly reduced the number of outages members experience.
- **Animals:** Small animals, like birds and squirrels, often create a ground fault and cause outages.
- **Accidents and public damage:**

From trucks to tractors, motor vehicle accidents can damage poles and lines. This often results in extended outages as crews replace equipment.

- **Equipment Issues:** Maintaining a strong system is important to CEC. Despite regular inspection, equipment failure does occur.



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