

Information on Interconnecting Solar

If you are thinking about installing a solar (photovoltaic) system on your home or business, with plans to interconnect it with Sawnee EMC's distribution system, please review all of Sawnee EMC's interconnection information and processes. Sawnee EMC offers a Net Metering option to members who install solar facilities which meet all applicable guidelines and procedures. Residential Net Metering customers may have a maximum peak generating capacity 10 kW. For Commercial customers, the maximum capacity is 100 KW. Please direct any inquiries to Mr. Scott Sewell at 678-455-1357.

1. [View Sawnee's Distributed Generation Facilities Policy](#)
2. [View Sawnee's Net Energy Metering Rider](#)
3. In order to proceed with Net Metering and Interconnection, you first need to determine what size system you are installing, so that you may follow the proper procedure. Each procedure may be accessed by clicking on the appropriate hyperlink below based on the following sizes:
 - Micro** - A solar generation resource with a capacity rating of 2 kW or less. In all cases, this equipment shall be single phase in nature.
 - Small** - A solar generation resource with a capacity rating of greater than 2 kW and not greater than 10 kW for residential customers and no greater than 100 kW for commercial customers. In all cases, equipment for residential applications shall be single phase in nature.
4. **Steps for Micro System (Less than or equal to 2 kW):**
 - a. Submit Interconnection Notification (appendix M) prior to installation
 - b. Complete installation per guidelines in Micro Procedures
 - c. Notify Sawnee EMC once installation, that meets all standards, has been completed and is ready for inspection.
5. **Steps for Small System (between 2 and 10 kW Residential, Less than 100kW Commercial):**
 - a. Submit Application for Paralleling Equipment (appendix G) prior to installation
 - b. Submit site control information.
 - c. Submit Interconnection Agreement (appendix L)
 - d. Notify Sawnee EMC once installation has been completed and is ready for final inspection.
6. **Inspection**
 - a. Notify Sawnee EMC when installation has been completed. Only turn on system long enough for your installer's testing purposes. *Leaving your system on, prior to inspection could result in an increase in your usage.* Sawnee EMC meters are programmed to go forward only and must be reprogrammed for net metering. Therefore any reverse usage is added, instead of subtracted, to the total kilowatt hour consumption for the month prior to reprogramming.
 - b. Sawnee EMC inspects each system to ensure equipment meets the requirements outlined in each procedure document.
 - c. A simulated power outage will be necessary to verify that inverters meet the UL 1741 standard that protects Sawnee EMC personnel from "islanding" (inverters back feeding electricity back onto the service line to the home)
 - d. Meters will be reprogrammed for net metering after successfully passing inspection.
 - e. Sawnee EMC rebates, if available, can be applied as a credit to your Sawnee EMC account.