



Sumner-Cowley Electric Coop., Inc.

Building on our past. Lighting the way to the future.

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Solar Interconnection Guidelines

1. Solar installation must be sized to appropriately offset the current/near-future load on the metered load.
 - a. Member interconnections can only be metered for a single account. Excess kWh generation for one meter cannot offset kWh used by another meter.
 - b. Residential Maximum Output: 15kW
 - c. Commercial Maximum Output: 150 kW
2. Inverter and combiner must be UL 1741 Certified.
- ~~3. Energy Storage Systems must meet UL 9540 and UL 1973.~~
4. All equipment must follow the IEEE 1547 Standard.
5. An appropriately rated disconnect for the solar interconnection must be within 10 feet of the Main Service Panel. This disconnect must be clearly marked as a disconnect for PV Solar.

Documents Required

1. \$500 Application Fee (If further study required, member responsible for costs and additional documentation)
2. Interconnection Application
3. Specification sheets for all equipment
4. Drawing of installation and interconnection
5. Certificate of Insurance showing general liability coverage

The Process

1. After member does all necessary research, submit Interconnection Application with all required documentation and fees.
2. Sumner-Cowley then processes the application and, upon approval, approves the installation. If the proposed interconnection requires further study, the interconnecting member may be required to furnish additional documents and/or pay for additional engineering services.
3. Upon completion of the installation, the member must submit a Certificate of Completion.
4. An inspection is scheduled and, after passing inspection, the meter is exchanged, and the interconnection is granted Permission to Operate.