

Guidelines for interconnecting a distributed generation facility into the Scenic Rivers Energy Cooperative distribution system.

Safety and reliability are two of the factors in determining if SREC will allow the interconnection. SREC reserves the right to refuse interconnection to any distributed generation facility if it is suspected that such interconnection will adversely affect the safety of Cooperative personnel or the public, distribution system operations, reliability, or service to other members.

All distributed generation systems shall:

1. Be designed to supplement energy received from the Cooperative to service not be more than 110% of an existing load.
2. Have a generating capacity not exceeding 20 KW.
3. Generate electricity exclusively from renewable resources.
4. Not exceed 5% of the total capacity of the circuit of which it is a part.

All excess energy will be purchased by SREC at avoided cost. Your regular electric meter will be replaced with a bi-directional meter that measures energy sales to you and also any excess energy flowing backwards through the meter that is put back on the grid.

The applicant shall:

1. Fill-out and sign the Distributed Generation Interconnection Application and return it to our office with \$527.50. The owner and installer must sign the application.
2. Provide SREC with a site plan showing the location of main disconnect and other related equipment.
3. Provide a one line schematic diagram of the entire system.
4. Provide SREC with technical specifications of the inverter and proof that it is UL 1741 or IEEE 1547 compliant.
5. Provide between the DG system and the Cooperative system a labeled lockable load break disconnect switch. The switch must be accessible to the Cooperative at all times.
6. Provide a signed wiring statement from a master electrician.
7. Provide SREC with proof of the required amount of liability insurance. (\$300,000 per occurrence minimum)
8. Fill-out and sign the Distributed Generation Agreement Form and return it to our office.
9. Schedule an appointment when system is ready for anti-islanding test and meter installation.

Before the system can be interconnected to the SREC distribution system, SREC personnel must inspect and approve the installation, and conduct an anti-islanding test. We need to verify that the generating system will shut down when grid power is lost. This test will be repeated on an annual basis without prior notice.