

# 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.
2. Have a generating capacity not exceeding 80 MW.
3. Generate electricity exclusively from renewable resources.
4. Not exceed 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. Each month you will be credited on your monthly billing for the excess energy. Once a year in the month of June any credit over \$100.00 will be paid back by check to the member.

The applicant shall:

1. Fill-out and sign the Distributed Generation Interconnection Application and return it to our office with \$527.50 for systems less than 40kW. Systems above 40kW will pay actual cost.
2. Provide SREC with a site plan showing the location of main disconnect and other related equipment. All systems must be installed after the main fused disconnect.
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 for up to 20kW systems and \$1,000,000 for systems greater than 20kW less than 40kW.)
8. Fill-out and sign the proper 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.

Questions call: 1-800-236-2141 ext 563 or email: [rjentz@srec.net](mailto:rjentz@srec.net)  
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