



General notes on interconnecting a Distributed Energy Resource into the Eau Claire Energy Cooperative (ECEC) distribution system.

Safety and reliability are the overriding factors in determining if ECEC will allow the interconnection. ECEC reserves the right to refuse interconnection to any distributed energy resource 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.

If your system is 20 kW or less, or if your system is over 20 kW but less than 40 kW, ECEC will handle the approval and interconnection. For systems over 40 kW, ECEC will have to coordinate the interconnection and rates through our power supplier, Dairyland Power Cooperative.

For residential customers on rate schedule 'A', the excess generation of a system that is 20 kW or less, will be purchased by ECEC at avoided cost determined on an annual basis. Excess generation of a system that is over 20 kW but less than 40 kW, will be purchased by ECEC at avoided cost determined monthly. Your regular electric meter will be replaced with a bi-directional meter that measures both energy sales to you and any excess energy flowing backwards through the meter that is put back on the grid. The distributed energy resource must be sized no larger than what is required to offset the member's anticipated annual energy usage. See Policy 621 for more details. For commercial or industrial customers on something other than rate schedule 'A', contact the Cooperative for more information.

The applicant needs to -

1. Fill out and sign the Distributed Energy Resource Interconnection Agreement and return it to our office.
2. Fill out and sign the Distributed Energy Resource Application Form and return it to our office. The installer also needs to sign this.
3. Provide ECEC with proof of the required amount of liability insurance.
4. Provide ECEC with a site plan showing the location of main pieces of equipment, and a schematic diagram of the entire system.
5. Provide ECEC with the technical specifications of the inverter and proof that it is UL 1741 or IEEE 1547 compliant.

Before the Distributed Energy Resource can be interconnected to the ECEC distribution system, ECEC personnel need to inspect and approve the installation and conduct an anti-islanding test. We need to verify the Distributed Energy Resource will shut down when grid power is lost.

If you presently have a dual-fuel or off-peak heat installation, you are allowed a maximum of two off-peak meters if we will be doing net metering. These meters must be wired in parallel, such as through a double or triple meter socket. Subtractive off-peak metering cannot be done with net metering. Contact ECEC for more information.

More information is available from the Focus on Energy website. The address is <https://focusonenergy.com/residential/solar-for-homes>