



Carroll Electric Cooperative, Inc.

Your Touchstone Energy® Cooperative 

INTERCONNECTION

with your cooperative

Distributed generation is intended to primarily offset part or all of the customer-generator's own electrical energy requirements.

Steps to take if you are interested in Distributed Generation

1. Talk to the member services department at Carroll Electric Cooperative, Inc. They will provide information to you to help make an informed decision.
2. Make sure you are involved with a reputable dealer and installer, who understands all local codes as well as the requirements of all applicable state statutes, rules and/or regulations. These requirements are intended, among other things, to maintain safety and system reliability.
3. Check with your insurance agent about liability insurance on the customer-generator distributed generation facility.

The customer-generator is required to add the co-op as an additional insured party:
10kW or less, minimum of \$250,000
11kW to 25kW, minimum of \$1,000,000
4. Fill out and return the interconnection application and agreements with a \$650 deposit, *made payable to Carroll Electric Cooperative, Inc.*

Return the following:

- \$150 application fee
 - \$500 meter fee (estimated cost)
 - Application for Interconnection and Parallel Operation
 - Technical Requirements for Interconnection and Parallel Operation
 - Agreement for Electric Service and Net Metering
 - Agreement for Interconnection and Parallel Operation for QF's up to 25kW
5. Install the system. Please note: A main disconnect is required beside the meter, so that Carroll Electric can isolate the distributed generation facility if a problem occurs.
 6. Contact Carroll Electric to interconnect the member-generator system with active service. The cooperative reserves the right to take up to 15 days to interconnect.

Please note: All distributed generation units are subject to the current service availability charge.

Design Capacity

Non-residential consumers up to 100 kW

Residential consumers up to 25 kW

Member must contact Buckeye Power, Inc. for distributed generation facilities larger than those listed above.

Application Fee: \$150

Estimated Meter cost: \$500

What happens if my system doesn't produce as much energy as I use?

Full retail price is paid (credited) for all energy put on the grid up to the amount purchased that month from the utility.

	kWh
Member used	1,500
<u>Energy produced</u>	<u>1,200</u>
	300

300 kWh X rate = Total paid by member

What happens if my system produces more energy than I use?

Buckeye Power, Inc. pays the avoided cost per kWh for all energy put on the grid in excess of that month's purchase.

Member used	1,200
<u>Distributed Generation produced</u>	<u>1,340</u>
	-140

140 kWh X avoided cost rate = Total paid to member

In other words...

The cost of 1 kWh produced = The cost of 1 kWh used, unless you produce more kWh than you can use in a month. At that point, you will be paid avoided cost per kWh produced.

The amount above what is purchased cannot remain as a credit. Should a distributed generation unit continually overproduce, the owner may be required to interconnect with Buckeye Power, Inc., our wholesale power provider.

Settlement occurs every month. Current avoided cost rate is _____ per kWh.

For more information contact **1-800-232-7697** or visit **www.cecpower.coop**.