

Amicalola EMC Alternate Energy Fact Sheet

Amicalola EMC has taken steps to encourage and accommodate alternative energy production. We have interconnection standards, an application, a contract and a rate for small generators such as solar and wind. This should make it simple and easy to connect your solar or wind generator to our lines.

Solar or wind systems using an inverter must meet IEEE 1547 and UL 1741 standards. Certification must be provided. No additional engineering review is required for a generator system meeting these standards.

An outside lockable blade type switch is required between the generator and the Amicalola EMC system. The Switch must be located near the meter.

Amicalola EMC offers net metering for residential systems less than 10 KW and commercial systems less than 100 KW. For other types of systems, applicants may contact Kenneth Payne at kennethp@amicalolaemc.com.

A solar PV generator can reduce your utility bill. A portion of the energy that you generate will be used in your house replacing utility energy. The remainder will flow back through the net meter to AEMC lines. You will be credited at avoided cost (3.8 cents per KWH) for this excess energy.

A special net meter will be installed to replace your regular meter when the system is turned on. The regular meter that is there now records generation as usage and will increase your bill instead of reducing it.

The steps to connect your system to the Amicalola EMC lines are:

1. Fill out and submit the application for interconnection.
2. Amicalola EMC will respond to your application.
3. Install the system and obtain County approval.
4. Execute the interconnection contract
5. Arrange for Amicalola EMC to verify that your system meets our requirements and install the net meter. We must have access to the inverter controls and metering display to perform these tests. Someone must be present who is familiar with the system operations.

Incentives available are Federal and State programs.

For larger generators or for non inverter based systems additional engineering and costs may be necessary.

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