

CITY OF CONCORD ELECTRIC UTILITIES
Concord, North Carolina

**Large Interconnection Request Procedures and Check List for
Interconnecting a Certified Generating Facility**

- ✓ A pre-project meeting is required with the City of Concord (COC) Electric Systems must be completed before any paper work can be submitted.
- ✓ The Customer completes the Interconnection Request and submits it to COC.
 - Contact Information - The customer must provide the contact information for the legal applicant (i.e., the Interconnection Customer). If another entity is responsible for interfacing with the electric distribution system, that contact information must be provided on the Interconnection Request.
 - Ownership Information - Enter the legal names of the owner(s) of the Generating Facility (GF).
 - For Generating Facilities larger than 20 kW residential or larger than 100 kW non-residential, the customer shall check whether the process is “Fast Track Process” or “Study Process”. (All Generating Facilities 2 MW and larger must be the Study Process.)
- ✓ COC acknowledges to the customer receipt of the Interconnection Request.
- ✓ COC notifies Duke Energy, the City’s transmission provider, of the project when required.
- ✓ Customer submits Application for a Certificate of Public Convenience and Necessity to the North Carolina Utilities Commission (NCUC).
- ✓ Customer receives approval from the NCUC and provides copy to COC.
- ✓ Facilities larger than 1 MW in size as defined by maximum net power production capacity must file a FERC Form No. 556 either as a self-certification (or self-recertification) or as an application for Commission certification and provides copy to COC.
- ✓ COC evaluates the Interconnection Request for completeness and notifies the customer that the Interconnection Request is or is not complete and, if not advises what material is missing.
- ✓ Permits and Electrical Inspections - The customer shall obtain all local permits required for wiring modifications and/or installation of the Generating Facility. The local authority having jurisdiction shall perform required inspections and issue approval for connection.
- ✓ COC verifies that the Generating Facility (GF) can be interconnected safely and reliably. Unless COC determines and demonstrates that the GF cannot be interconnected safely and reliably, COC generates the Interconnection Agreement customer for signatures.

- ✓ COC prepares Electric Service and Renewable Generation Purchase Agreement and proof of Liability Insurance is required.
 - The Interconnection Customer shall obtain and retain, for as long as the Generating Facility is interconnected with the City's System, liability insurance which protects the Interconnection Customer from claims for bodily injury and/or property damage. The amount of such insurance shall be sufficient to insure against all reasonably foreseeable direct liabilities given the size and nature of the generating equipment being interconnected, the interconnection itself, and the characteristics of the system to which the interconnection is made. This insurance shall be primary for all purposes. The Interconnection Customer shall provide certificates evidencing this coverage as required by the City. Such insurance shall be obtained from an insurance provider authorized to do business in North Carolina. The City reserves the right to refuse to establish or continue the interconnection of the Generating Facility with the City's System, if such insurance is not in effect.
 - For an Interconnection Customer that is a non-residential customer of the City proposing to interconnect a Generating Facility larger than 100 kW and less than 10 MW, the required coverage shall be comprehensive general liability insurance with coverage in the amount of at least \$1,000,000 per occurrence.
 - An Interconnection Customer of sufficient credit-worthiness may propose to provide this insurance via a self-insurance program if it has a self-insurance program established in accordance with commercially acceptable risk management practices, and such a proposal shall not be unreasonably rejected.
- ✓ Underwriters Laboratories (UL) 1741 Listed - This standard ("Inverters, Converters, and Controllers for Use in Independent Power Systems") addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741. This listing is then marked on the equipment and supporting documentation. The GF must be listed and labeled in compliance.