

ORDINANCE CREATING SEC. 10-131.00 BILATERAL METERING FOR RENEWABLE ENERGY GENERATION RIDER – RESIDENTIAL SERVICE TO THE CITY CODE OF ORDINANCES, LUMBERTON, NORTH CAROLINA

BE IT ORDAINED by the City Council of the City of Lumberton that Section 10-131.00 of the Code of Ordinances of the City of Lumberton, North Carolina, be and is hereby amended to read as follows:

AVAILABILITY

This Rider is available in conjunction with any of the city's electric schedules applicable to customers who operate an approved renewable energy generating system located and used at the Customer's primary residence or non-residential facility, where part or all of the electrical requirements of the customer can be supplied from the Customer's generating system.

Rated capacity of the generating system shall not exceed the lesser of the Customer's estimated maximum monthly kilowatt demand or 20 kW for residential systems or 100 kW for non-residential systems. The generating system that is connected in parallel operation with service from the City and located on the Customer's premises must be manufactured, installed, and operated in accordance with governmental and industry standards and in accordance with all requirements of the local code official and must fully conform with the City's applicable renewable energy generation application and attachments.

This Rider is available on a case by case basis, except that the aggregate capacity of the Customer generator shall not exceed 5% of the City's retail peak load for the prior calendar year. If a Customer's proposed installation results in exceeding the limit, the Customer will be notified that service under this Rider will not be allowed. In no event will energy delivered to the City be used to offset purchases in a different period or a different season.

TYPE OF SERVICE

This Rider is applicable to alternating current 60 hertz, single phase 2 or 3 wires, or three phase 3 or 4 wires, at City's standard voltages.

ADDITIONAL METER CHARGE

The Customer shall pay an additional meter charge of \$3.00 per month for meter reading and account servicing.

MONTHLY CREDIT

Energy measured as kilowatt-hours at the renewable energy generator meter shall be credited at the NCEMPA energy wholesale power rate. Sales tax will not be applied to purchased electricity.

Customers with qualified systems are encouraged to also apply for NCGP credits through the NC Green Power Program <http://www.ncgreenpower.org/>

POWER COST ADJUSTMENT

A wholesale power cost adjustment will apply to all service supplied under this schedule as necessary to reflect wholesale power increases by the NCEMPA.

SPECIAL CONDITIONS

1. Customer must fill out and submit page one of the application for an Approved Renewable Energy Generating System and pay a \$100 non-refundable processing fee. Upon receipt page two of the application "Certificate of Completion for Renewable Energy Generating System form will be completed by the City of Lumberton prior to the customer receiving service under this Rider. Agreement shall include the renewable energy generator interconnection standards for systems up to 20 kilowatts capacity for residential systems and 100 kilowatts capacity for non-residential systems that describes the conditions related to interconnection with the City's electrical system.
2. Customer's service installation and transaction shall be a bilateral arrangement with two standard residential meters, one of which will measure all energy provided by the City for energy consumed by the customer, and the other meter to measure the output of the customer's generator.
3. In the event City determines that it is necessary to install a dedicated transformer or other equipment to protect the safety and adequacy of electric service provided to other customers, Customer shall pay a Monthly Facilities Charge of 2% of the installed cost of said additional facilities. The minimum Monthly Facilities Charge shall not be less than \$25.00.
4. Customer grants City the right to install, operate, and monitor special equipment to measure

Customer's load, generating system output, or any part thereof and to obtain any other data necessary to determine the operating characteristics and effects of the installation. Customer also grants City the right to utilize Customer's telephone line to transmit data from City's meter and special equipment.

5. The City reserves the right to test the Customer's equipment for compliance with the applicable interconnection standards. Should the City determine that the equipment is in violation of the interconnection standards, the City shall disconnect the equipment and it shall remain disconnected until the equipment is repaired to the satisfaction of the authority responsible for inspection of the installation.

CONTRACT PERIOD

Contract Period for service under this Rider shall be one year and thereafter shall be renewed for successive one-year periods. After the initial period, Customer may terminate service under this Rider by giving at least sixty (60) days previous notice of such termination in writing to the City. The City may terminate service under this Rider at any time upon written notice to Customer. In the event that Customer violates any of the terms or conditions of this Rider, or operates the generating system in a manner which is detrimental to the City or its customers, service under this Rider may be terminated immediately.

Effective with _____ Billing

Approved by City Council 6/14/2010

On Motion of Councilman Ivey, seconded by Councilman Butler the foregoing Ordinance was adopted the 14th day of June, 2010, to be effective on the 15th day of June 2010.


Raymond B. Pennington, Mayor

ATTEST:


Larey Mitchell-McIntosh, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:


Thomas E. Powers, III, City Attorney

Ordinance No. 2010-06.02

City of Lumberton
Bilateral Metering For Renewable Energy Generation Interconnection Application

Page 1 – Customer Application
Residential and Non-Residential Renewable Energy Generating System

Application for the installation and operation of a renewable resource facility with a maximum rated output not to exceed 20 kW for residential systems and 100 kW for non-residential systems interconnected with the City's electric utility system.

Section 1 - Applicant Information

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Facility Location (if different from above): _____

Telephone: (Daytime) () _____ (Evening) () _____

Email Address: _____

Electric Account # (From Electric Bill): _____

Section 2 - System Technical Information

Solar collector Manufacturer, Model #: _____

Number of Panels to be Installed: _____ Combined Output Power Rating: _____ kW

Inverter Manufacturer, Model #: _____

Number to be Installed: _____ Combined Output Power Rating: _____ kW

Will a system disconnect device, accessible to the City be installed? Yes No

If the Owner elects not to install a manual disconnect device accessible to the City, the Owner assumes all risks and consequences when a service meter must be "pulled" to disconnect the system thereby also interrupting all utility electric service to the Customer site.

Section 3 - Installation Details

Installing Electrician: _____ Company: _____ NC License #: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: () _____

Email Address: _____

Installation Date: _____ Requested Service Date: _____

Section 4 - Equipment Certification

Systems that utilize inverter technology must be compliant with the latest published edition of *IEEE 929, Underwriters Lab. UL 1741* and must bear the *UL listing label*. **Compliance documentation must be submitted with this application.**

I hereby certify that, to the best of my knowledge, the installed equipment meets the appropriate preceding requirement(s), and that all of the information provided in the Interconnection Application is true and correct. I also agree to install a Warning Label approved by the City on or near my service meter location.

Signature of Applicant: _____ Print Name _____ Date: _____