

**NOTES:**

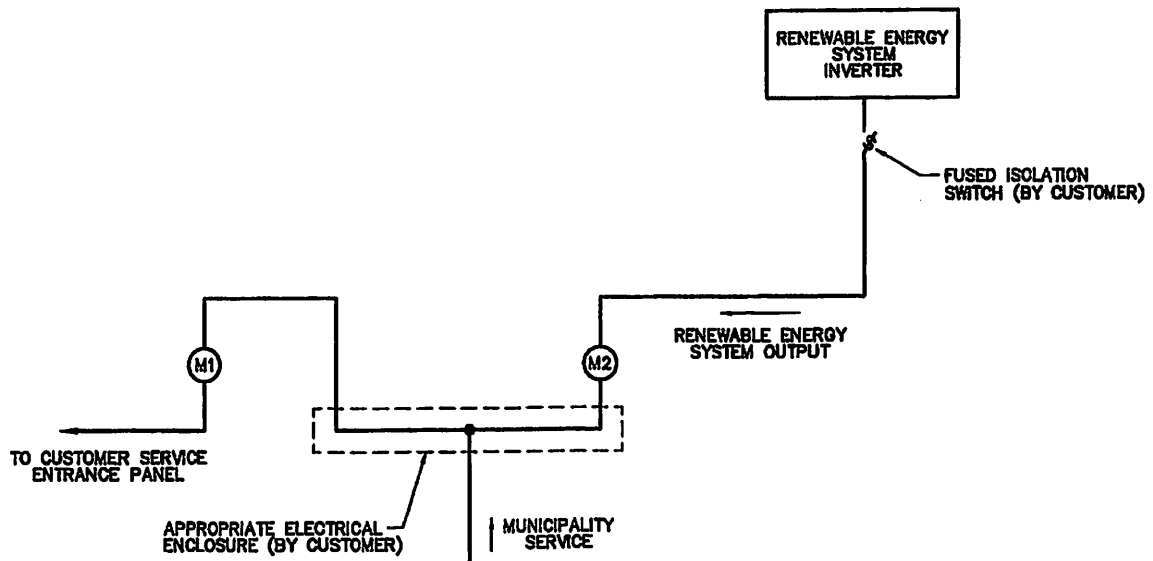
1. NEUTRAL AND GROUND WIRING NOT SHOWN.
2. CONSUMPTION METER AND RENEWABLE ENERGY METER SHALL HAVE A NAMEPLATE ATTACHED AS SHOWN ON PV-3EC.
3. SEE DWG. PV-2EC FOR WIRING DIAGRAM.

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1			
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**RENEWABLE ENERGY INTERCONNECTION INSTALLATION—  
PHYSICAL CONNECTION ILLUSTRATION  
METERING AND DISCONNECT**

**ELECTRICITIES**

SCALE 1/2"=1'-0" DWG. PV-1EC



**NOTES:**

1. SYSTEM SHALL NOT ENERGIZE A DEAD BUSS SYSTEM.
2. M1 IS THE METER FOR THE RESIDENTIAL SERVICE.
3. M2 IS THE METER FOR THE RENEWABLE ENERGY INPUT TO THE SYSTEM.
4. INVERTER/ISOLATION SYSTEM TO BE UL 1741 LISTED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NFPA 70).
5. THE ISOLATION BY THE CUSTOMER TO BE SIZED PER NATIONAL ELECTRIC CODE MINIMUM SIZE = 100 AMPS. SWITCH SHALL BE LOCKABLE IN THE OPEN POSITION.
6. SEE DWG. PV-1EC FOR PHYSICAL CONNECTION ILLUSTRATION.

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**RENEWABLE ENERGY INTERCONNECTION INSTALLATION—  
DIAGRAM FOR SYSTEMS LESS THAN 10 KW CAPACITY**

**ELECTRICITIES**

SCALE NOT TO SCALE

DWG. PV-2EC

**City of Kinston**  
**Code: E18**  
**Renewable Energy Generator Rider**

**AVAILABILITY:**

This schedule is available in conjunction with any of the City of Kinston's Rate Schedule applicable to Customers who operates an approved renewable energy generating system, located and used at the Customer's primary residence or business. The rated capacity of the generating system shall not exceed 20 kilowatts for a residential system or 100 kilowatts for a non-residential system. 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, 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.

**APPLICABILITY:**

This schedule is applicable to all electric service of the same available type supplied at customer's premises at one point of delivery through one kilowatt-hour meter.

**TYPE OF SERVICE:**

The types of service to which this schedule is applicable are, alternating current, 60 hertz, single phase 2 or 3 wires, or three phase 3 or 4 wires, at City's standard voltages.

**MONTHLY CREDIT:**

\$.06 per kWh for all kWh

Total bill credit balances, if any, will be carried forward to the next bill.

**MINIMUM CHARGE**

The minimum charge will be the *Basic Charge or Customer Charge* whichever applies and be equal to the Customer's conventional consumption account.

**PAYMENTS:**

Bills are due when rendered and are payable within 20 days from the date of the bill. If any bill is not so paid, the City has the right to suspend service in accordance with its Service Regulations. In addition, any bill not paid on or before the expiration of 20 days from the date of the bill is subject to an additional charge of 1.5% of the balance in arrears with a minimum of \$5.00.

**Renewable Energy Generator Rider  
(Continued)**

**ADJUSTMENTS:**

This schedule may be amended or adjusted as needed by the City of Kinston.

**SPECIAL CONDITIONS:**

1. The Customer must complete any applicable renewable energy interconnection request documents and submit same to the City of Kinston for approval prior to receiving service under this schedule.
2. The Customer's service shall be metered with two electric meters, one of which measures all energy provided by the City and used by the customer, and the other measures the amount of energy generated by the customer's alternative energy generator.
3. The Electric Division will design and install reasonable and practical modifications to the electric distribution system to allow the interconnection of resources which would otherwise interfere with power quality delivered to other connections. In such cases, the system owner shall make an advance payment to the City in an amount equal to the cost of the required facility modifications.
4. The City reserves the right to test the Customer's alternative energy generator and associated equipment for compliance with the applicable interface criteria. Should it be determined that Customer's installation is in violation, the City will disconnect the alternative energy generator from the City's distribution system and it will remain disconnected until the installation is brought back into compliance.

**CONTRACT PERIOD:**

The Contract Period for service under this schedule shall be one (1) year and thereafter shall be renewed for successive one-year periods. After the initial period, Customer may terminate service under this schedule by giving at least sixty (60) days previous notice of such termination in writing to the City.

The City may terminate service under this schedule at any time upon written notice to Customer. In the event that Customer violates any of the terms or conditions of this schedule, or operates the generating system in a manner which is detrimental to the City or its customers, service under this schedule may be terminated immediately.

**EFFECTIVE DATE**

Effective for bills rendered on or after October 1, 2015.

This was passed by the City Council on September \_\_\_\_, 2015.