

**NOTES:**

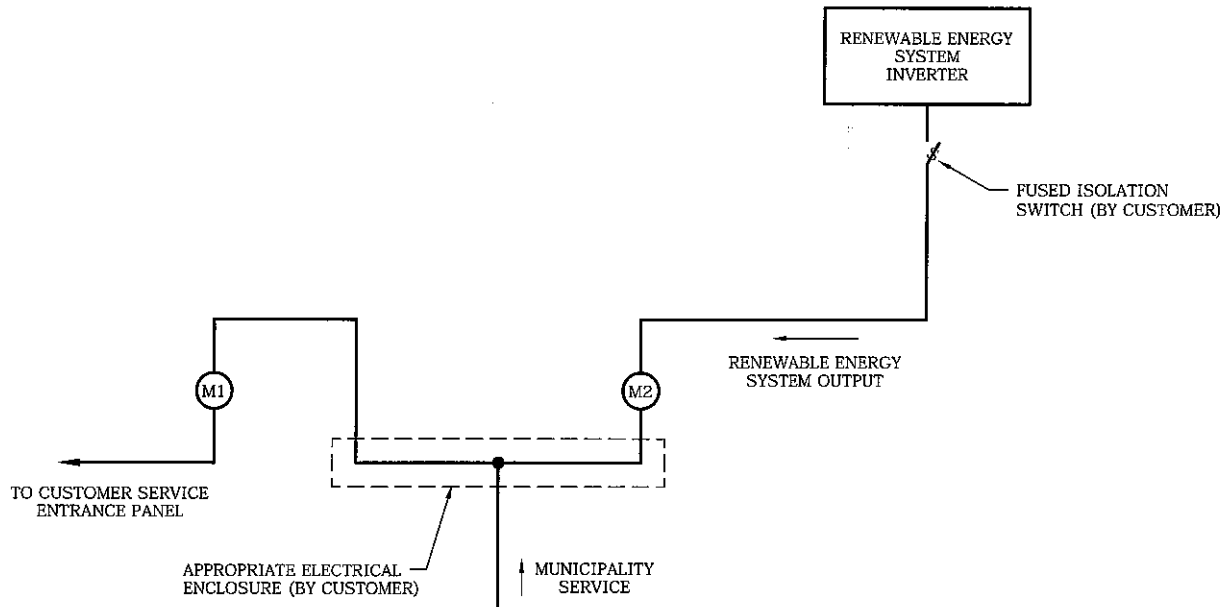
1. NEUTRAL AND GROUND WIRING NOT SHOWN.
2. CONSUMPTION METER AND RENEWABLE ENERGY METER SHALL HAVE A NAMEPLATE ATTACHED AS SHOWN ON PV-3EC.
3. SEE DWG. PV-2EC FOR WIRING DIAGRAM.

3			
2			
1			
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**RENEWABLE ENERGY INTERCONNECTION INSTALLATION-  
PHYSICAL CONNECTION ILLUSTRATION  
METERING AND DISCONNECT**

**ELECTRICITIES**  
of NORTH CAROLINA, INC.

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

3			
2			
1			
0	7/23/07	CADD GRAPHICS	OST
REVISED	BY	APPR.	

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

**ELECTRICITIES**  
 of NORTH CAROLINA, INC.

SCALE NO SCALE	DWG. PV-2EC
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