



**NEGROS OCCIDENTAL ELECTRIC COOPERATIVE  
(NOCECO)  
Kabankalan City**

**Implementation of Net Metering for Renewable Energy System**

Application Fee Information

Description	Amount
a. Coop Admin Fee	Php 1,000.00
b. ERC Filing Fee	Php 1,500.00
c. Inspection Fee	Php 1,200.00
d. <u>Connection Fee</u>	<u>Php 350.00</u>
Total	Php 4,050.00



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Net Metering application includes the following requirements and information:

- Letter of Intent
- Valid ID of Applicant (Driver's License, SSS, PRC, TIN, Passport, etc.); photocopy with 3 specimen signature
- Special Power of Attorney (SPA) if owner is not the one who will sign the Net Metering Agreement
- Letter of Authorization from the lessor (if the Net Metering facility is being rented) authorizing the lessee to enter into a Net Metering Agreement (NMA) with NOCECO on its behalf
- Electrical Permit issued by the Office of the Building Official (OBO)
- Single Line Diagram
- Electrical Plan signed by a Professional Electrical Engineer (PEE)
- Specifications and Certifications of Equipment
- Pictures of Solar Facility/ Solar Installation
- Name and Address of the Applicant (Form 1)
- Address of the Service Point where the SPV Plant shall be Installed
- Name and Address of the Person who prepared the Information Submitted in the Application Form (must be a Licensed Electrical Engineer or RME with direct knowledge of RE Facility)
- Information on the Power Generating Facility (Form 2)
  - \* Type (synchronous/ induction/ inverter)
  - \* Fuel Source Type (solar, biogas, wind, etc.)
  - \* kW Rating
  - \* Kilovolt- Ampere Rating
  - \* Voltage Rating
  - \* Ampere Rating
  - \* Number of Phases
  - \* Frequency
  - \* Manufacturer
  - \* Plan to Export Power (maximum expected capacity)
  - \* Pre-Certification of Type Number
  - \* Expected Energization and Start-Up Date
  - \* Normal Operation of Interconnection
  - \* One Line Diagram

- \* Information whether the manufacturer has provided its dynamic modelling values to the DU
- \* Layout sketch showing lockable, “visible” disconnect device
- Request for a Distribution Impact Study (Form 3)
  - Distribution Impact Study (DIS) Component:
    - \* Impact of Short Circuit In-Feed to the Distribution Equipment
    - \* Coordination of Protection System
    - \* Impact of User Development on Power Quality
- Impact Assessment Information (in particular for SPV & Wind Converters) (Form 4)
  - \* Electric Systems Description
  - \* Load Information: Customer and Generating Facility
  - \* Generator Facility Fault Contribution for Faults at the Connection Point
  - \* Generator Facility Characteristics
  - \* Transformer Data
  - \* Operation Information
  - \* Expected monthly generation, load consumption and net consumption from the facility (12month period for the first year and annually for the remaining four years)

Date

**Domingo S. Santiago, Jr.**

Project Supervisor/ Acting General Manager  
Negros Occidental Electric Cooperative (NOCECO)  
Kabankalan City, Negros Occidental

**LETTER OF INTENT FOR NET METERING APPLICATION**

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Dear Mr. Santiago,

Greetings!

This letter confirms my intention to apply for Net-Metering in response to Republic Act 9513 or the Renewable Energy Act of 2008. In this connection, we would like to request the necessary application forms and pay the required fees in accordance with the guidelines provided by the Energy Regulatory Commission.

The project details are:

Owner	:
Address	:
NOCECO Account No.	:
Contact No	:
Email Address	:
System Type	:
System Size	:
Inverter Model	:
Modules	:

We allow NOCECO to conduct a Distribution Impact Study and do the final inspection at the Client's residence or Location of the project once the application is ready.

For questions and clarifications, please do not hesitate to contact me.

Sincerely yours,

Received by: \_\_\_\_\_  
Date received: \_\_\_\_\_

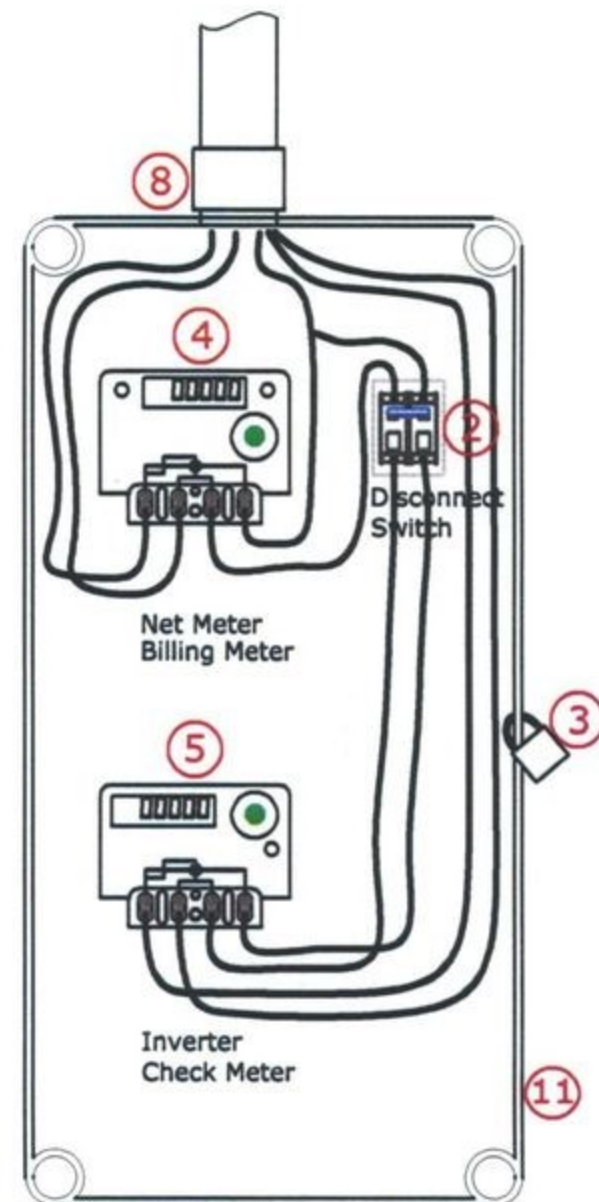
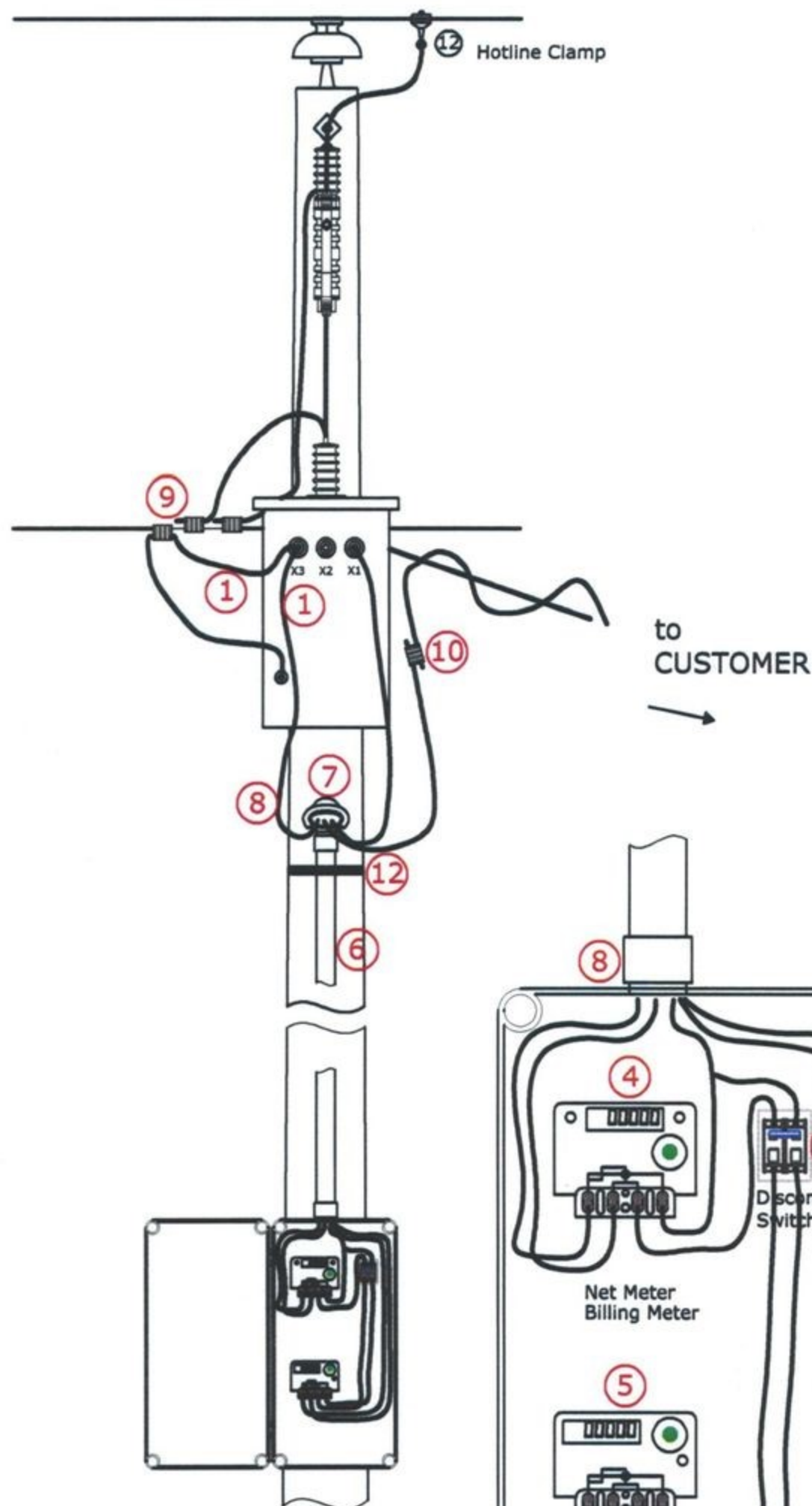
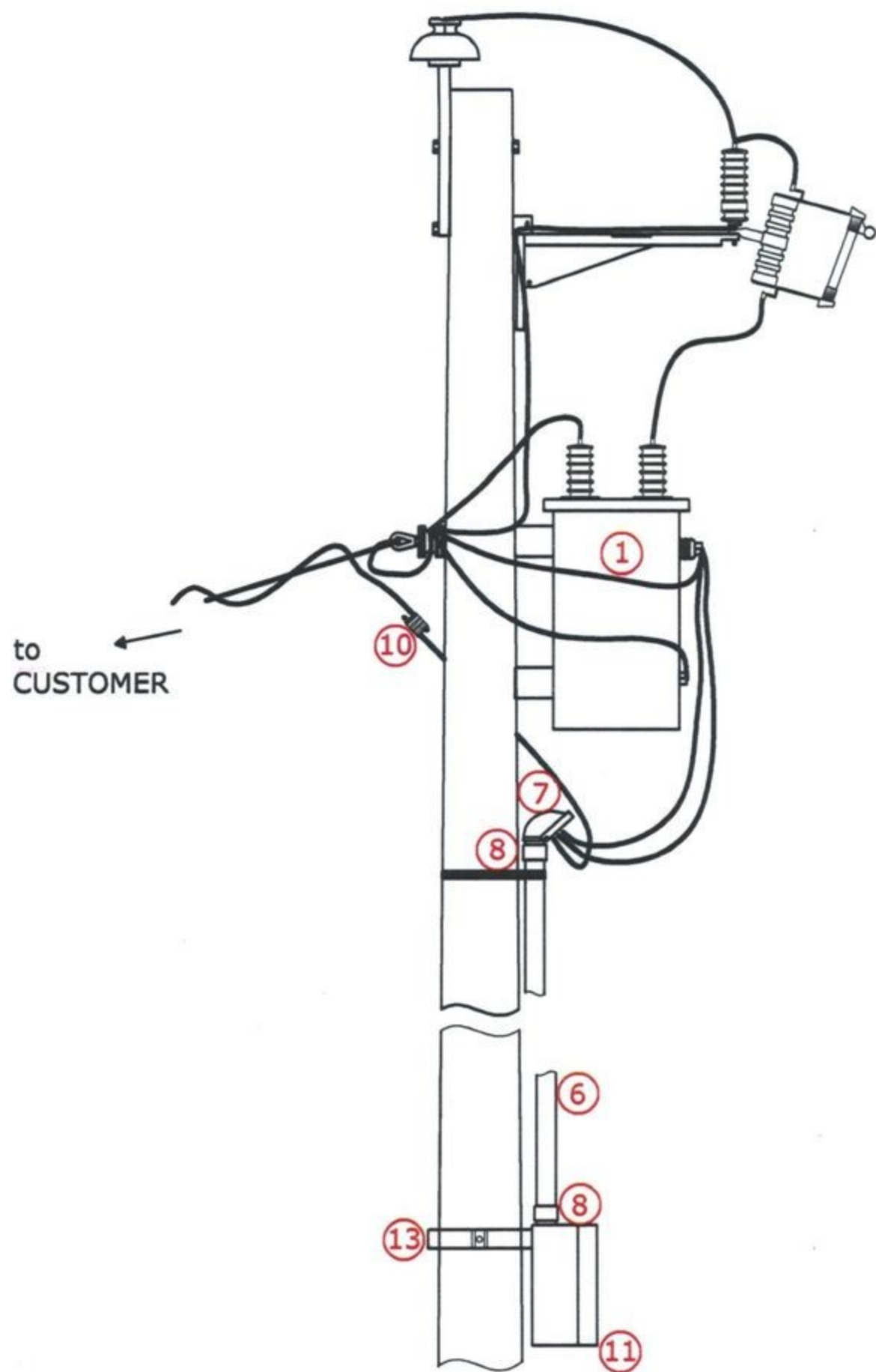


This Service is  
fitted with a LT  
grid connected  
RE plant!

 GREEN ENERGY SOLUTIONS, INC.





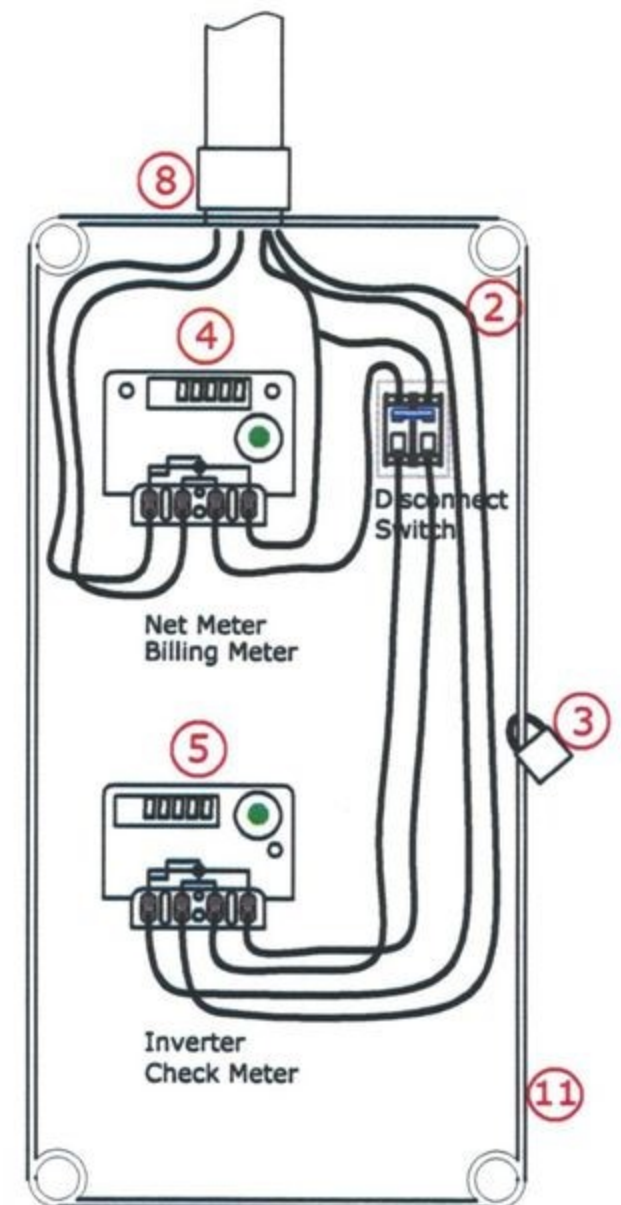
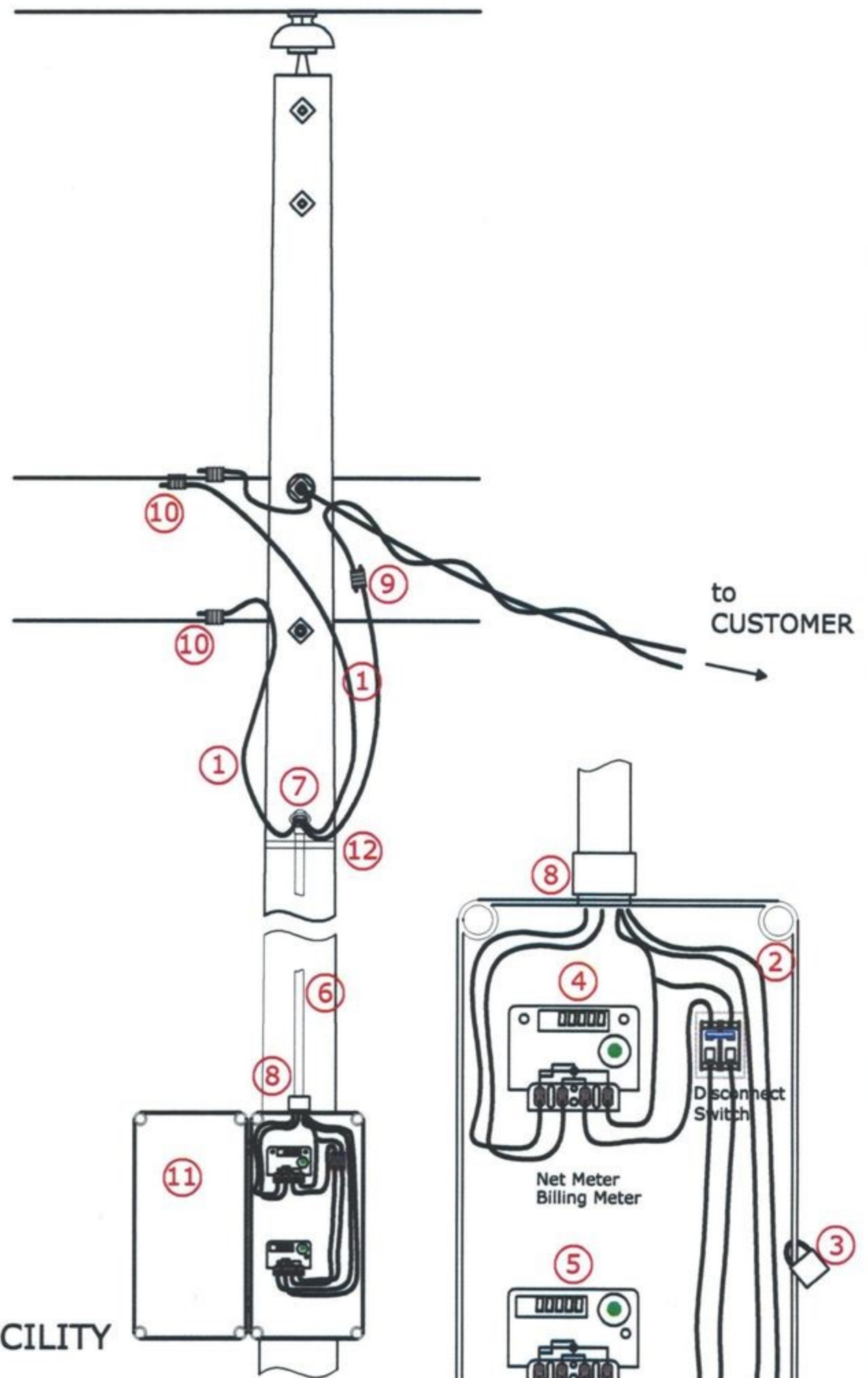
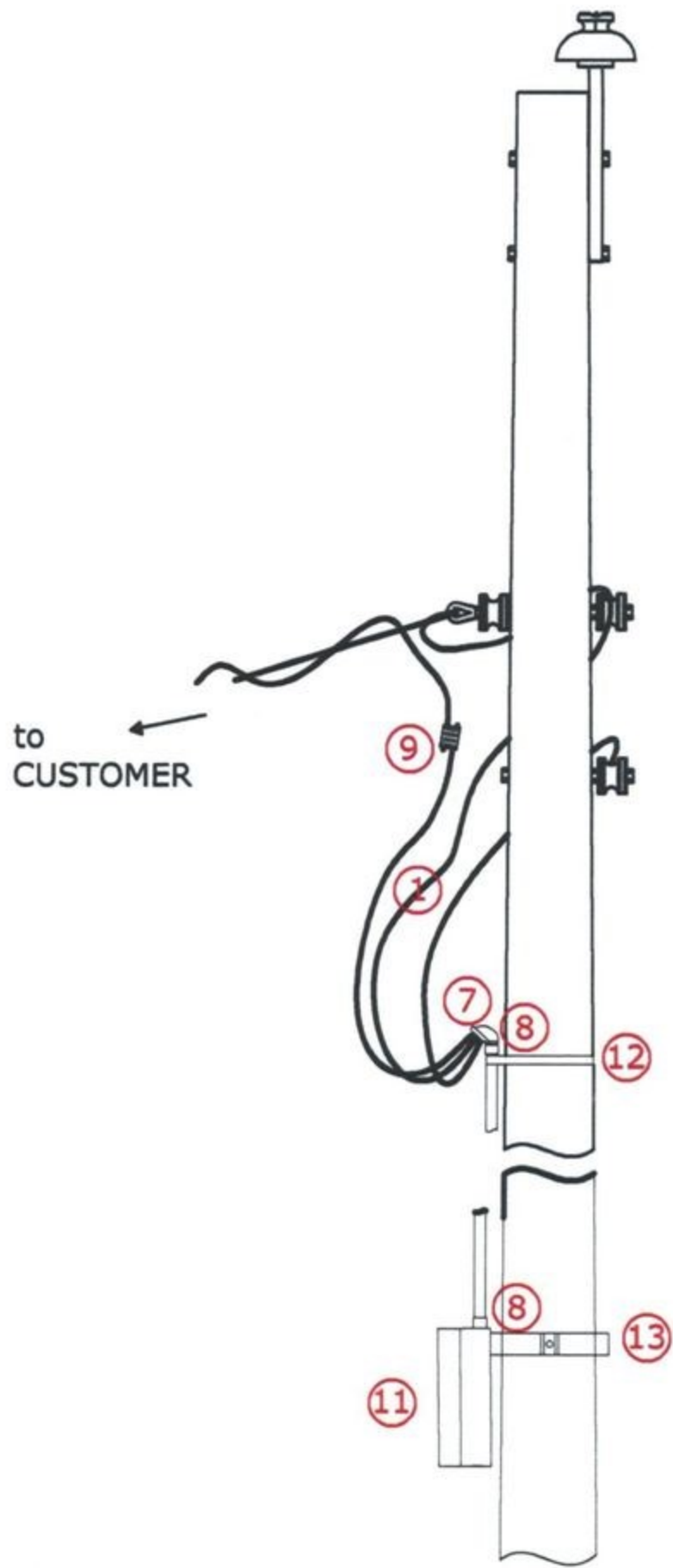


**NET METERING STANDARD CONNECTION FACILITY WITH TRANSFORMER**

**BILL OF MATERIALS**

ITEM	QTY	UNIT	DESCRIPTION	REMARKS
1	---	UNIT	THW C.U. #4	OWNER SUPPLIED
2	1	UNIT	DISCONNECT SWITCH	OWNER SUPPLIED
3	1	UNIT	PAD LOCK	OWNER SUPPLIED
4	1	UNIT	ENERGY METER (BI-DIRECTIONAL)	NOCECO SUPPLIED, CHARGED TO OWNER
5	1	UNIT	ENERGY METER	NOCECO SUPPLIED
6	1	LENGTH	PVC PIPE 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
7	1	PC	SERVICE CAP 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
8	2	PCS	PVC ADAPTER 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
9	1	PC	CONNECTOR, 2A8U	NOCECO SUPPLIED, CHARGED TO OWNER
10	1	PC	CONNECTOR, YHO 150	NOCECO SUPPLIED, CHARGED TO OWNER
11	1	PC	METER BOX	NOCECO SUPPLIED, CHARGED TO OWNER
12	1	METER	BAND-IT W/ BUCKLE	NOCECO SUPPLIED, CHARGED TO OWNER
13	1	PC	POLE CLAMP 8-9 DIA.	NOCECO SUPPLIED, CHARGED TO OWNER





NET METERING STANDARD CONNECTION FACILITY WITHOUT TRANSFORMER (TYPE B)

### BILL OF MATERIALS

ITEM	QTY	UNIT	DESCRIPTION	REMARKS
1	---	UNIT	THW C.U. #8	OWNER SUPPLIED
2	1	UNIT	DISCONNECT SWITCH	OWNER SUPPLIED
3	1	UNIT	PAD LOCK	OWNER SUPPLIED
4	1	UNIT	ENERGY METER (BI-DIRECTIONAL)	NOCECO SUPPLIED, CHARGED TO OWNER
5	1	UNIT	ENERGY METER	NOCECO SUPPLIED
6	1	LENGHT	PVC PIPE 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
7	1	PC	SERVICE CAP 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
8	2	PCS	PVC ADAPTER 50mm	NOCECO SUPPLIED, CHARGED TO OWNER
9	1	PC	CONNECTOR, 2A8U	NOCECO SUPPLIED, CHARGED TO OWNER
10	1	PC	CONNECTOR, YHO 150	NOCECO SUPPLIED, CHARGED TO OWNER
11	1	PC	METER BOX	NOCECO SUPPLIED, CHARGED TO OWNER
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**Additional Requirements**

LIST OF CERTIFIED EQUIPMENTS

The QE shall provide the information for the following equipment, including test certificates or certifications, specifications, settings, and other vital data.

1. PV Module
2. Inverters
3. Disconnect Switches
4. Circuit Breakers
5. Surge Protection Devices
6. Ground-Fault Protection
7. Protective Relays
8. Synchronizing Devices
9. Anti-Islanding Equipment
10. Fuse and Fuse Holders; if any
11. Cooling Devices; if any
12. Reclosers; if any

DETAILED PLANNING DATA

1. Generating Unit and Generating Plant Data
  - This includes all available data of generating unit and the generating facility.
2. User System Data
  - QE shall provide information, including details of physical and electrical layouts, parameters, specifications and protection, needed to conduct an assessment of transient overvoltage effects in the grid.
3. Energy and Demand Forecast
  - This refers to the projected energy and demand requirement of the facility.
4. Plan for Future Modifications or Extensions



Name of Generation Company/Facility: \_\_\_\_\_

**2. GENERATING FACILITIES OWNED: Number of Units \_\_\_\_**

**2.1 EXISTING FACILITIES**

	UNIT NO. 1	UNIT NO. 2	UNIT NO. 3	UNIT NO. 4	UNIT NO. 5
Exact Location of Inverters					
Commissioning Date/Installed*					
Economic Life					
Inverter					
Manufacturer					
Serial No.					
Rated Capacity					
Modules (Solar Panel)					
Module Capacity (per panel)	watts				
Voltage					
Frequency					
Power Factor					
Rated Capacity	kWp				
Dependable Capacity					
No. of Panels Connected					

\*Module capacity (per panel) x No. of panels connected (No. of watts x 1,000) = Rated Capacity (kWp)

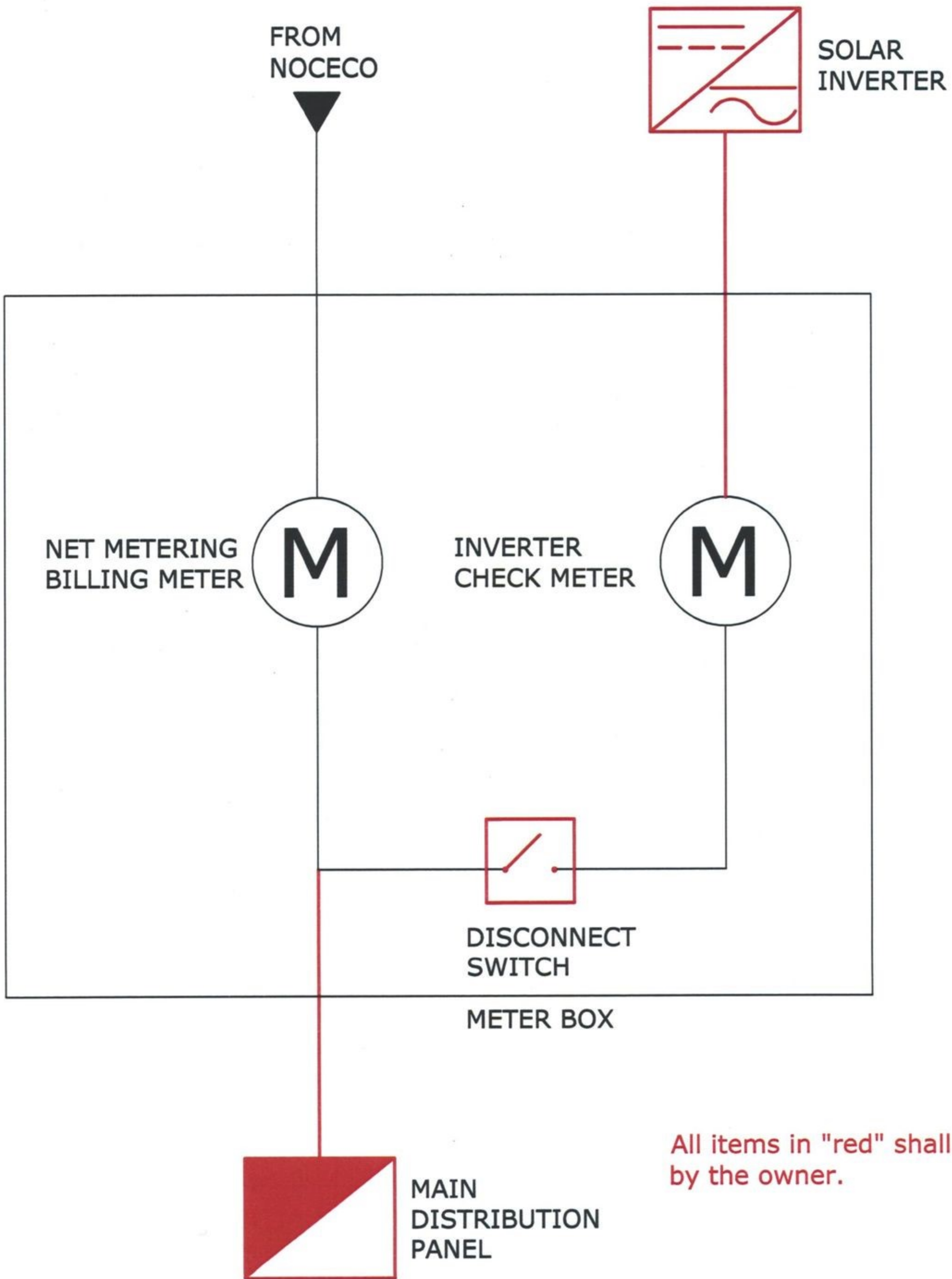


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All items in "red" shall be supplied by the owner.



**NOCECO  
NET METERING  
APPLICATION  
REQUIREMENTS**