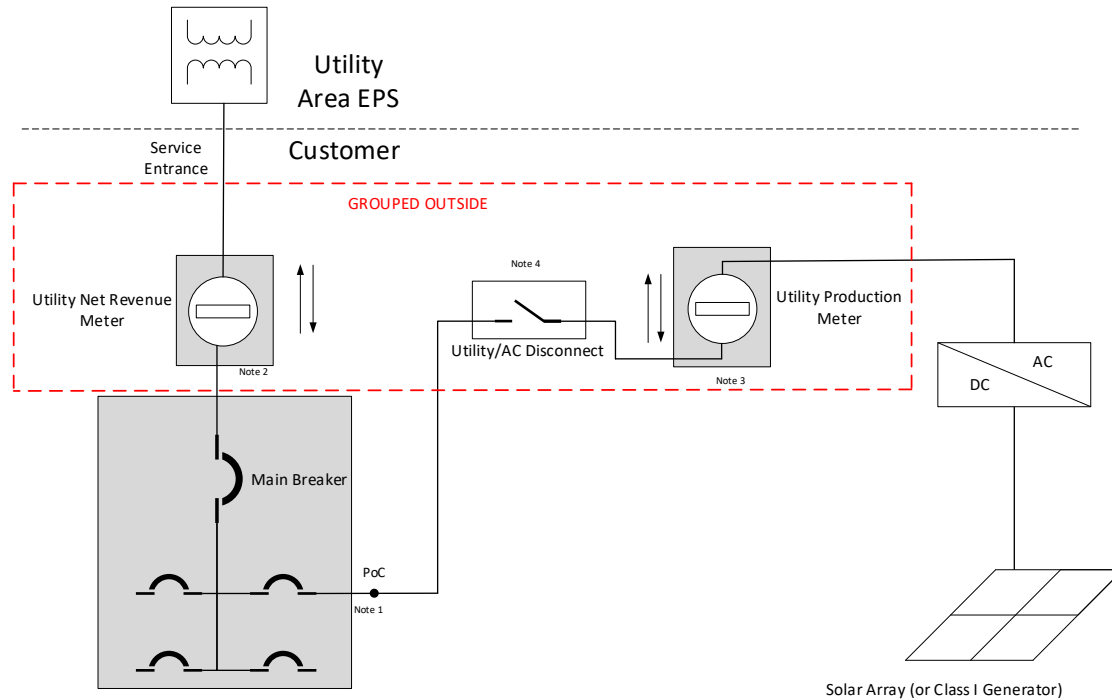


UI Meter Diagrams Netting/Buy-All

Residential (<25kW) Class I Generators

1a. Netting Tariff <25kW, No ESS



Note 1 - PoC

- All interconnection points for the netting tariff are required to be placed behind the utility meter
- No connections are to be made within the revenue meter socket or in utility instrument transformer compartment.

Note 2 – Utility Revenue Meter

- For utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter relocated outside the customers facility near both the production meter and the utility disconnect switch.

Note 3 – Utility Production Meter

- **Production meter socket are required to be wired top (line) side inverter, bottom (load) side utility.**
- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.
- Socket for production meter follows the same guidelines as revenue meter per the UI Guidebook of Requirements for Interconnection. Socket must have a lever bypass. Line and load conductors for the production meter cannot be in the same raceway (i.e. trough). If neutral isolation is required by the local inspector, then a neutral isolation kit from the same manufacturer of the socket must be used. Splices are not allowed.
- Production meter socket should be labelled with a placard or limacoid.

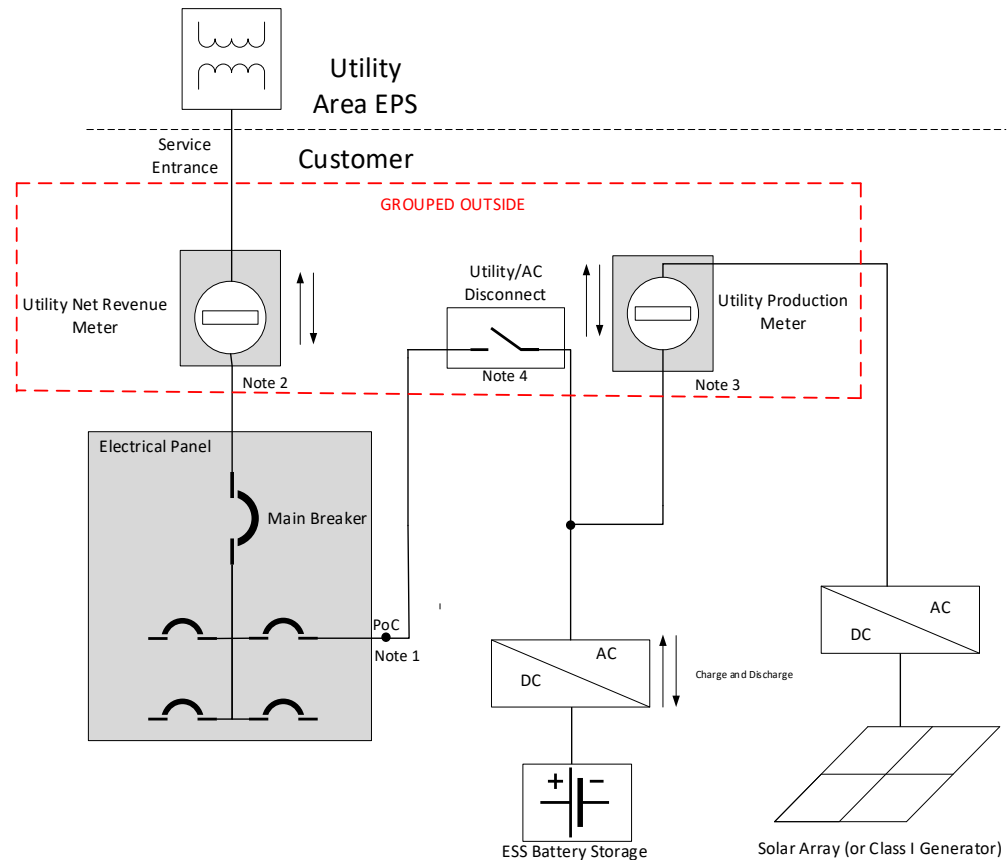
Note 4 – Utility AC Disconnect Switches

- The Utility/AC Disconnect switch should be located on the ground level within the vicinity of the utility revenue meter. Utility personnel will have 24/7 access to it.
- The Utility/AC emergency disconnect switch is required to be located ahead of the Production Meter where utility personal will be able to isolate the metering circuit.

Special Notes:

- All meters and switches are required to be grouped unless interconnection contractor request is granted a written variance
- Actual installation may vary based on local town inspector and NEC requirements
- Placard or limacoid must be placed on the Utility Production meter socket

1b. Netting Tariff <25kW, AC-coupled ESS



Note 1 - PoC

- All interconnection points for the netting tariff are required to be placed behind the utility meter
- No connections are to be made within the revenue meter socket or in utility instrument transformer compartment.

Note 2 – Utility Revenue Meter

- Utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter relocated outside the customers facility near both the production meter and the utility disconnect switch.

Note 3 – Utility Production Meter

- **Production meter socket is required to be wired top (line) side inverter, bottom (load) side utility.**
- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.
- Socket for production meter follows the same guidelines as revenue meter per the UI Guidebook of Requirements for interconnection. Socket must have a lever bypass. Line and load conductors for the production meter cannot be in the same raceway (i.e. trough). If neutral isolation is required by the local inspector, then a neutral isolation kit from the same manufacturer of the socket must be used. Splices are not allowed.
- Production for meter net generation from any energy used to charge the battery.

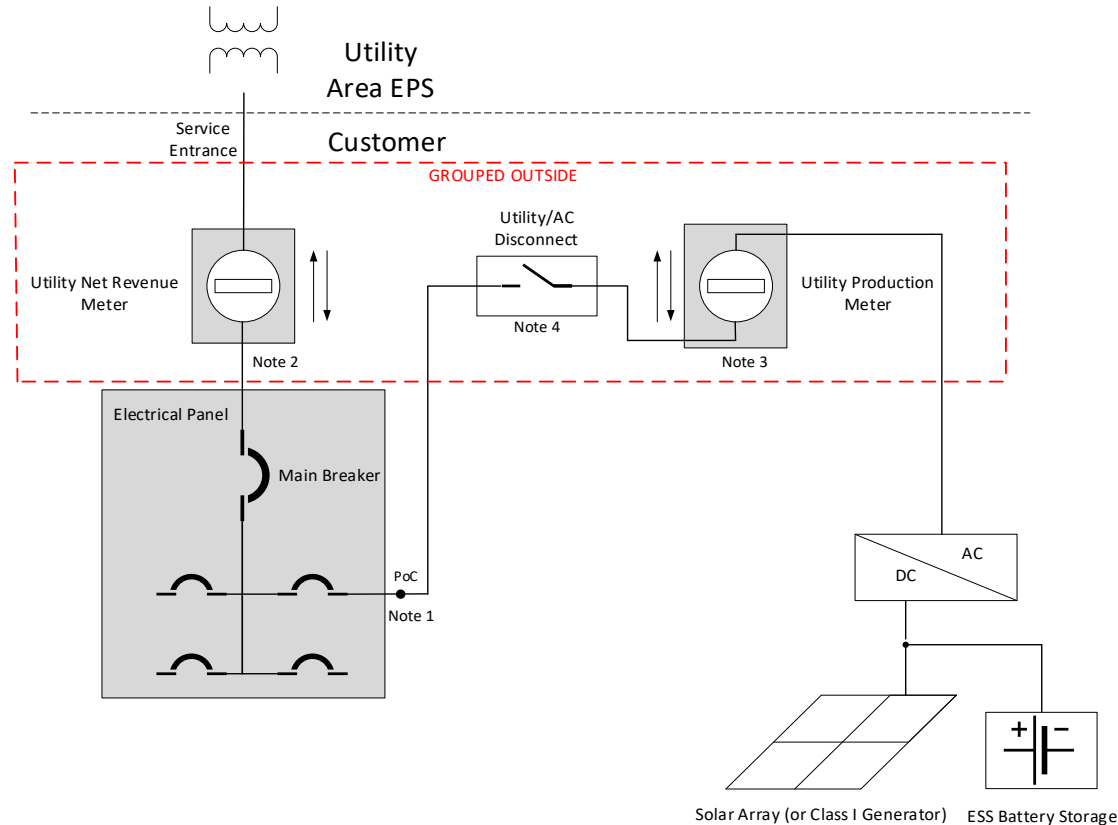
Note 4 –Utility/AC Disconnect Switch

- The utility AC emergency disconnect switch is required to be located ahead of the Production Meter where utility personal will be able to isolate the metering circuit.

Special Notes:

- All meters and switches are required to be grouped unless interconnection contractor request and is granted a written variance
- Additional devices/meters may be required if ESS is used for emergency backup
- Actual installation may vary based on local town inspector and NEC requirements
- Placard or limacoid must be placed on the Utility Production meter socket

1c. Netting Tariff <25kW, DC-Coupled ESS



Note 1 -PoC

- All interconnection points for the netting tariff are required to be placed behind the utility meter
- No connections are to be made within the revenue meter socket or in utility instrument transformer compartment.

Note 2 — Utility Revenue Meter

- Utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter relocated outside the customers facility near both the production meter and the utility disconnect switch.

Note 3

- **Production meter socket is required to be wired top (line) side inverter, bottom (load) side utility.**
- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.
- Socket for production meter follows the same guidelines as revenue meter per the UI Guidebook of Requirements for interconnection. Socket must have a lever bypass. Line and load conductors for the production meter cannot be in the same raceway (i.e. trough). If neutral isolation is required by the local inspector, then a neutral isolation kit from the same manufacturer of the socket must be used. Splices are not allowed.
- Production for meter net generation from any energy used to charge the battery.

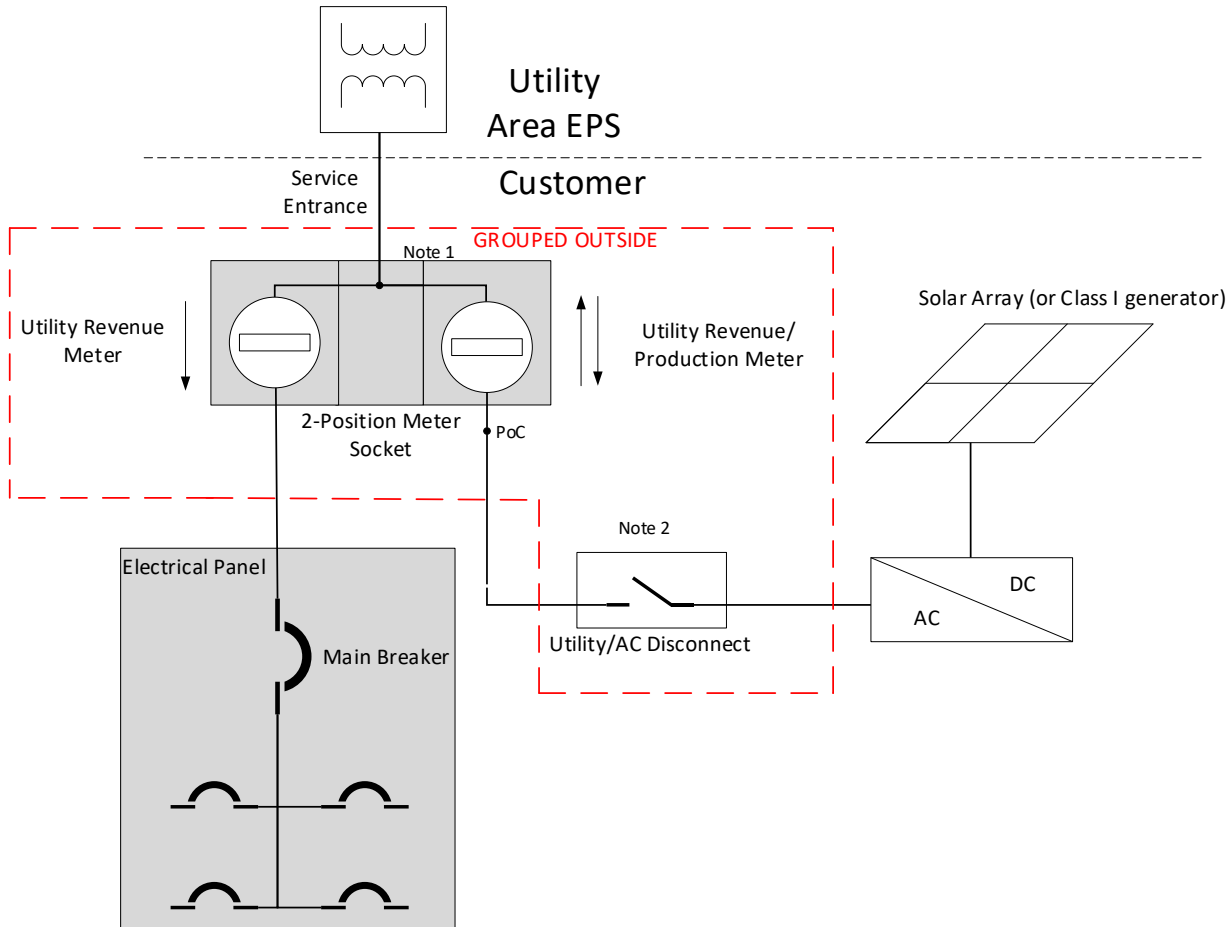
Note 4

- The utility AC emergency disconnect switch is required to be located ahead of the Production Meter where utility personal will be able to isolate the metering circuit.
- Main Breaker will not be considered as a disconnect for PV. Dedicated AC disconnect for Class 1 generation must be used.

Special Notes:

- * All meters and switches are required to be grouped unless interconnection contractor request and is granted a written variance
- Placard or limacoid must be placed on the Utility Production meter socket
- Actual installation may vary based on local town inspector and NEC requirements
- If a back-up or critical load subpanel is to be installed behind the Utility production meter, it shall be equipped and configured so that it is normally energized by a separate connection to the main panel, thereby bypassing the production meter and inverter, and using an Automated Transfer Switch, normally disconnected to the solar array and/or battery. At times when the electric grid becomes deenergized (e.g., power outage), the switch would engage allowing the subpanel to be energized by the solar array and/or battery. Except for the parasitic load utilized to operate the coupled solar and storage system, there shall be no load connected behind the Utility production meter

2a. Buy All, No ESS



Note 1 –PoC & Utility Metering

- For Utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter(s) relocated outside the customers facility near both the net production meter and the utility disconnect switch.
- Utility net production meter socket must follow the same guidelines as a typical revenue meter outline in the UI Guidebook of Requirements
- Additional meter must be on the same building as the utility revenue meter
- Service increase may be required to accommodate for the addition of an extra meter. (i.e., 100A service may need to increase to 200A)

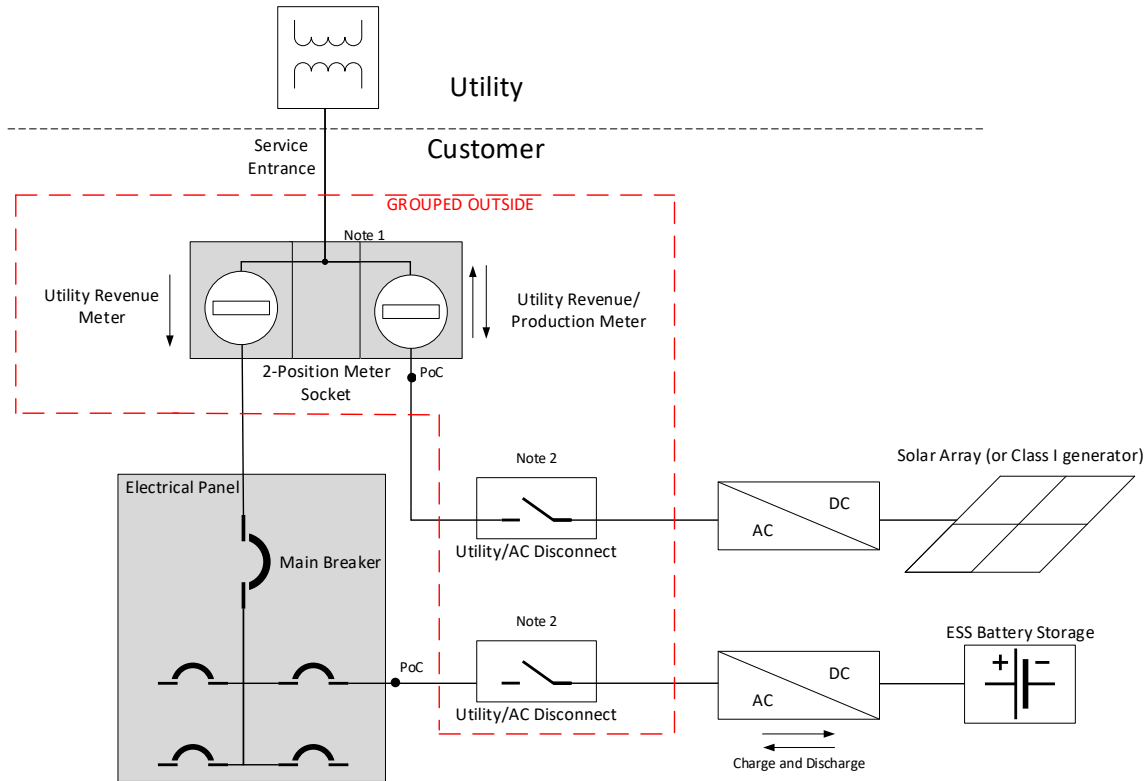
Note 2 – Utility/AC Disconnect

- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.

Special Notes:

- All meters and switches are required to be grouped unless interconnection contractor request and is granted a written variance
- Actual installation may vary based on local town inspector and NEC requirements
- Placard or limacoid must be placed on the Utility Production meter socket

2b. Buy All with ESS



Note 1 -PoC

- For Utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter(s) relocated outside the customers facility near both the net production meter and the utility disconnect switch.
- Utility net production meter socket must follow the same guidelines as a typical revenue meter outline in the UI Guidebook of Requirements
- Additional meter must be on the same building as the utility revenue meter
- Service increase may be required to accommodate for the addition of an extra meter. (i.e., 100A service may need to increase to 200A)

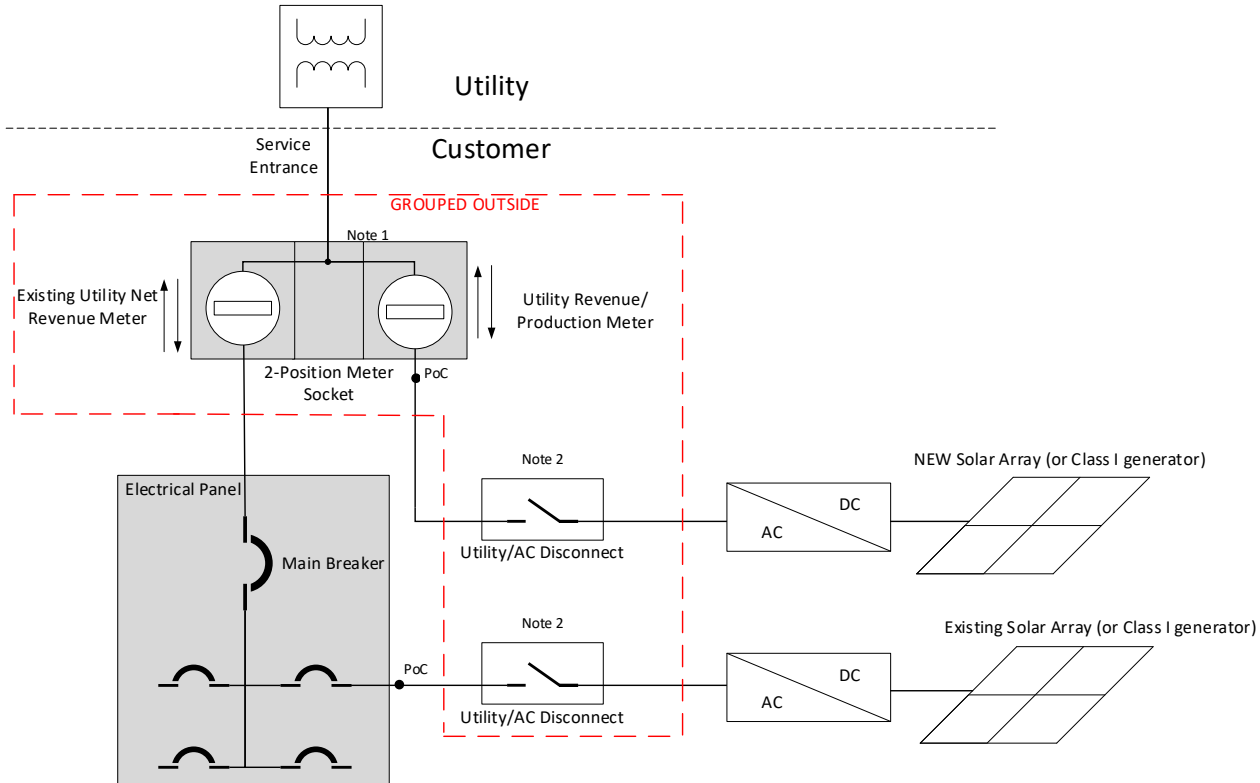
Note 2 – Utility/AC Disconnect

- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.

Special Notes:

- All meters and switches are required to be grouped unless interconnection contractor request and is granted a written variance
- Additional devices/meters may be required if ESS is used for emergency backup
- Actual installation may vary based on local town inspector and NEC requirements
- Placard or limacoid must be placed on the Utility Production meter socket

2c. Buy-all with Existing PV



Note 1 -PoC

- For Utility meters located inside customers facility, the interconnecting customer will be required to upgrade and have the meter(s) relocated outside the customers facility near both the net production meter and the utility disconnect switch.
- Utility net production meter socket must follow the same guidelines as a typical revenue meter outline in the UI Guidebook of Requirements
- Additional meter must be on the same building as the utility revenue meter
- Service increase may be required to accommodate for the addition of an extra meter. (i.e., 100A service may need to increase to 200A)

Note 2 – Utility/AC Disconnect

- The utility AC emergency disconnect switch is required to be located on the ground level within vicinity of the utility revenue meter where our utility personal will have 24 / 7 access to it.

Special Notes:

- Additional solar MUST be added behind a utility net production meter
- All meters and switches are required to be grouped unless interconnection contractor request and is granted a written variance
- Additional devices/meters may be required if ESS is used for emergency backup
- Actual installation may vary based on local town inspector and NEC requirements