OVERHEAD

Phase to phase = 480 Volts
Phase to neutral = 277 Volts

COMPANY
CONTROLLED

LOAD

2 FT. OR LESS

CUSTOMER
CONTROLLED
OVERCURRENT
DEVICE

Caution:
For 480 volt service, see drawing D9-2-R2014.

For 277/400 or 240/400 volt service, Customer shall furnish and install a Company approved, Company lockable, non-fused disconnect switch on the supply side of the meter base and a separate load side disconnect with overcurrent protection within 2 ft. of the meter.

Company shall control the supply side disconnect. It shall be labeled "Utility Disconnect" see §1.5 Labels and Disconnects and it shall be available to Company 24 hours a day without notice.

Check with Company to learn if 277/480 or 240/480 volt service is available in your area.

NOTES:
1. Consult the Company.
Overhead Three Phase Four Wire 480 Volt Service

**3 WIRE SINGLE PHASE 120/240 VOLTS**

**3 WIRE SINGLE PHASE 120/208 WYE VOLTS**

**THREE PHASE 4 WIRE DELTA**

120/240 OR 240/480 VOLTS

**THREE PHASE 4 WIRE WYE**

120/208 OR 277/480 VOLTS

**NOTES:**

1. Ungrounded Conductor with the Higher Voltage to Ground (Phase marked C) must be marked orange.
2. All sockets, except residual single phase less than 320 Amps, shall have a manual mechanical gang operated bypass switch.
3. Load and supply wires shall not cross the meter socket.

**ENTERGY SERVICES, INC.**

**WIRING DIAGRAM CONNECTIONS FOR OVERHEAD SELF CONTAINED METERS**

APPROVED BY: JRH DATE: 10/14/2014
CHECKED BY: JED SCALE: NONE
DRAWN BY: KPR

No. D9-2-R2014

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Overhead Three Phase Four Wire 480 Volt Service

SERVICE CABLE IS NOT ALLOWED ABOVE OR BELOW A BUILDING.

Note:
- No gas meters within a 3' radius of meter enclosure.
- Meter pole shall be a minimum of 3 ft. from structure.

Notes:
1. Customer facilities shall comply with Company Standards, the NEC, and authorities having jurisdiction.
2. The customer is responsible for clearing and maintaining all right of way.
3. The Company service cable shall not go over the top of the mobile home or if there is not a clear path to the meter pole or the maximum distance is exceeded, an additional pole may be required. Contact Company in advance to learn additional Customer cost. Additional Customer cost is typically $1000 or more.

CALL 811 TWO BUSINESS DAYS BEFORE YOU DIG
In locations with underground facilities, the Customer shall notify One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the Customer to stay clear of all underground facilities.

ENTERGY SERVICES, INC.
PERMANENT POLE - OVERHEAD SERVICE DETAILS FOR SINGLE MOBILE HOME INSTALLATION OR STRUCTURE

APPROVED BY: JRH  DATE: 10/30/2012
CHECKED BY: JED  SCALE: None
DRAWN BY: knch95  No. D4-4

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Overhead Three Phase Four Wire 480 Volt Service

480 Volt Three Phase Self Contained Overhead Installations

Self-contained metering installations shall be limited to installations having a nominal service voltage of 480 Volts or less and load currents less than 320 Amps.

A 480 Volt service with a self-contained meter shall have
- on the line side of the meter
  - a labeled,
  - non-fused disconnect switch, and
- on the load side
  - a breaker or
  - over current device and disconnect.

All shall be customer furnished and customer maintained. The disconnect switch ahead of the meter shall be labeled “Utility Disconnect”. See Label and Disconnect or Disconnect switch (page 2).

480 Volt installations will be identified by a “480 Volts” label adhering to the front cover of the meter socket. The label below will be added by Entergy personnel.

### 480 Volt Label

<table>
<thead>
<tr>
<th>Stock Code #</th>
<th>Description</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN015277</td>
<td>480 volt label 1.13&quot;X4.25&quot; Blk text</td>
<td>Identify 480 volt installations</td>
</tr>
</tbody>
</table>

### 3 Wire Form 12S Meter Required

This meter has 4 fixed terminals and a movable 5th terminal. In a single-phase (240/480 volt) 4-terminal socket, a 5th terminal will also have to be added to the socket in the same position as the meter.

### Disconnect or Disconnect switch shall

- Be lockable (by the Company)
- Be available to Company personnel at all hours without notice,
- Be within sight of service entrance meter preferably adjacent to meter, but within 10 feet of meter,
- Have an open and visible break verifiable by Company personnel,
- Be load break and one piece,
- Have a label (see definition of label to avoid confusion,
- In underground service, normally be on the customer side of a junction box.

The Company may operate and lock down this switch for safety, non-payment or any other valid reason. Review the applicable drawings for proper installation. Disconnect switch box design and location must be approved by the Company in advance of installation.

(Continued on next page)
Label
Permanently attached tags or labels are required. They shall be red background with white letters and UV resistant. The lettering on each label/tag shall be 3/16 inch or larger (new) and be either raised or incised on each tag. Each tag shall be riveted or glued to the meter loop or switch. For 480 volt services the disconnect ahead of the meter shall be labeled “Utility Disconnect”.

In areas where cable can be owned by Company or Customer, if Customer owns the cable, Customer shall supply two labels inscribed “Customer owned cable”. One label shall be installed by Customer on meter socket; one label shall be given to Company for installation on the transformer.