

Transocket Installation Checklist

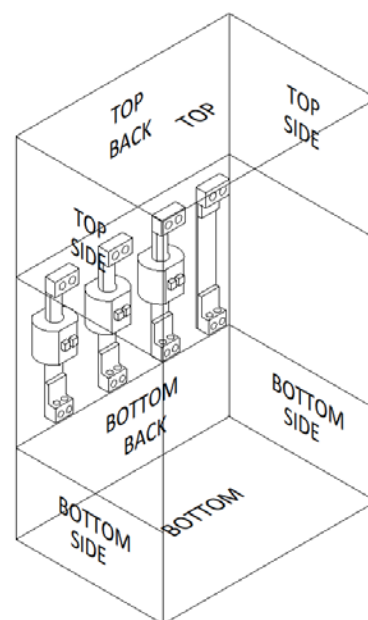
A Quick Reference for Installers of Oncor Transockets

General

- Follow these rules and Oncor's Electric Service Guidelines to avoid rejection of the installation.
- Oncor will energize facility only after Meter Technician has approved meter equipment installation. A green tag, by itself, is not sufficient for approval to energize.
- Contact Oncor Utility Designer or Meter Technician for questions related to metering requirements. To identify the Utility Designer or Meter Technician in your area, call 1-888-313-6862 and provide service address.

Transocket Wiring Instructions

1. Where supply (line) conductors connect to *top* terminals, the supply conductors must enter enclosure through the top, or top back, or top sides – AND – load conductors must exit through the bottom, bottom back, or bottom sides.
2. Where supply (line) conductors connect to *bottom* terminals, the supply conductors must enter enclosure through the bottom, or bottom back, or bottom sides - AND - load conductors must exit through the top, or top back, or top sides.
3. Conductors shall be properly trained to avoid excessive stress on current transformers, connectors, and bus bars.
4. Installer shall use a torque wrench to torque connectors to specifications listed on label inside the transocket.
5. Customer shall not modify transocket, including changing connectors, temporarily disconnecting meter wiring, removing CTs, VTs, or other components (even if to be reinstalled after setting transocket).



Transocket (typical)

Transocket Locations

6. Transockets must be installed at the address (premise) indicated on the transocket packing list.
7. Transockets received but not used must be returned to Oncor in a timely manner.
8. Transocket locations other than outside the building are non-standard and must be approved by Company *prior* to installation.
9. Transockets shall not be installed in locations that pose a hazard to Oncor personnel when performing testing and maintenance, e.g., drive-through lanes for fast-food restaurants, on walls overhanging the edge of a narrow driveway providing access to commercial property, etc.
10. Transockets and meter sockets serving multi-metered locations must be equipped with a placard showing the respective address or suite number.

Disconnect Switches

11. Where a disconnecting means is required, the disconnect shall:
 - a. Be readily accessible to Oncor personnel.
 - b. Be in close proximity to the transocket.
 - c. Have a factory-installed provision for accepting an Oncor lock.
A disconnect switch is the preferred disconnecting means. A breaker with factory-installed provision for a Company lock is also acceptable. For disconnecting means without factory-installed provision for Company lock, consult with Oncor AND local inspection authority prior to installation to determine if retrofit locking provision is acceptable.
 - d. Be installed on building exterior. For locations other than the building exterior, Customer must receive Company approval of electrical design *prior* to installation of equipment.
 - e. Have a four-inch minimum clearance between the disconnect switch operating lever and other enclosure or obstruction.
 - f. Be installed on the load side of the transocket.
12. Disconnect switches are required for all transockets except for locations served by a dedicated transformer bank where service can be disconnected without affecting other customers.
13. Where an existing single-occupancy structure is to be converted to a multiple-occupancy (multi-metered) structure, the customer must install a disconnecting means on the load side of each transocket (including the existing and newly installed transockets).

Other Electrical Design Criteria

14. When a service enclosure (tap can) is required between the transformer and transocket(s), the service enclosure must be provided and/or approved by Oncor.
15. The transocket may not be used as a raceway for any conductors other than the transocket's line and load conductors. See exception for customer grounding electrode conductor below.
16. The customer's grounding electrode conductor must not terminate inside the transocket. However, it is permissible for the customer's grounding electrode conductor to be routed from the customer's main service equipment through the transocket enclosure and exit the transocket to terminate at the customer-owned grounding electrode.
17. Where a transocket is installed on a rack, pole, or other structure that is remote from the structure on which the customer's service entrance equipment is installed, the customer shall install and bond the transocket enclosure to an additional (supplemental) grounding electrode located within sight of, and as close as practicable, to the transocket. The equipment grounding conductor should be attached to the exterior of the transocket enclosure. The supplemental grounding electrode is *in addition* to the customer's premises grounding system.

Transocket Services Contact: Russell Thompson at (214) 486-3561 or Michael Flores at (214) 486-4411 for all approvals and unique situations. In addition an email can be sent to MeteringServices@oncor.com regarding unique situations.