

CORE ELECTRIC DISTRIBUTION STANDARDS APPROVAL FORM

Revised Procedure

New Procedure

New Material

Other: _____

(NEW)

ITEM/PROCEDURE:

CORE SPECIFICATION NUMBER: _____

DESCRIPTION:

(EXISTING)

ITEM/PROCEDURE:

CORE SPECIFICATION NUMBER: _____

DESCRIPTION:

STANDARDS APPROVED:

_____ DATE: _____

CHAIRMAN

_____ DATE: _____

VICE CHAIRMAN

INVENTORY # _____ ASSET # _____

IMMEDIATE CHANGE: USE EXISTING INVENTORY:

PRODUCT INFORMATION SHEET ATTACHED: YES NO ATTACHMENTS:

CORE Electric Cooperative

Specifications for Single-Phase or Three-Phase Service, 800 amps or less, 120/240V 1Ø 3-Wire; 120/208V 3Ø, and 277/480V 3Ø, 4-Wire

- Must be a single service/meter location.
- Must be 800 amps or below.
- The cabinet must have a lockable door at minimum of 90 degrees, hinged, and shall be permanently installed against a wall with adequate mounting hardware.
- CT's in CT cabinet shall be 48" +/- 6" from ground to center of CT at final grade.
- The meter housing should be installed within 12" of the CT cabinet and must be on the opposite side of CT cabinet door hinge, level with top of CT cabinet.
- Conduit from the meter housing to CT cabinet shall be 1" metal.
- Meter housing must have provision for test switch:
 - Test Switch spacing shall be 5 1/8" depth.
 - Auto shunting test switches shall not be used.
- 480V services require space on hinge side of CT cabinet for PT installation:
 - Specify on .dwg file (6" space of PTs between CT cabinet wall and bus)
 - PTs cannot be covered by any conductors.
- Area shall meet all other metering requirements:
 - 3' clear and level working area in front of 90-degree open door for entire width of CT cabinet and meter housing.
 - Clean and level working space shall not be part of a street, drive thru, etc.
- Service disconnect shall be installed within 30" and reachable of metering equipment.
- Drawing package for review shall include:
 - Cut sheet for CT Cabinet
 - Cust sheet for meter housing
 - Site diagram
 - One line
- CT cabinet shall accept bar type CT's only.
- The maximum number of conductors per phase is three (3).
- Minimum dimensions for CT cabinet:
 - Single-Phase – 24"W x 30"H x 11"D
 - Three-Phase 208V - 30"W x 30"H x 11"D
 - Three-Phase 480V - 36"W x 30"H x 11"D
- Warning placards made from plastic laminate mounted with permanent adhesive or rivets shall be provided as follows:
 - CT Cabinet shall have service address or unit number and voltage
 - Meter housing shall have service address or unit number. May use a brass tag if necessary for space constraints
 - Service Disconnect cabinet shall be labeled with address or unit number.