

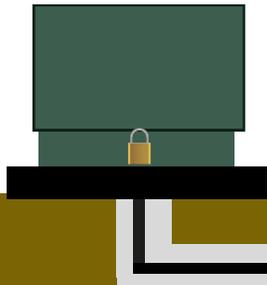
New Electrical Service Minimum Requirements

Option 1: Meter Base mounted to structure

Padmounted transformer (Co-op owned)

Required clearance: 3' minimum each side and back, 12' minimum in front (lock side)

Do not plant, pave, or build enclosures around padmount transformers



Meter height

4' Minimum
6' Maximum

Meter (Co-op owned)

2" schedule 80 PVC pipe (Member owned)

This is required and must be at least 18" into the ground

Underground Service Wire (Co-op owned)

Meter base (Member owned)
Minimum 200-amp bypass lever required

This must be installed outdoors. The National Electrical Code (NEC) 110.26 requires 30" wide space and 36" perpendicular to the meter base be maintained as unobstructed working space. (i.e., this space should be kept clear of shrubs, fences, decks, enclosures, etc.)

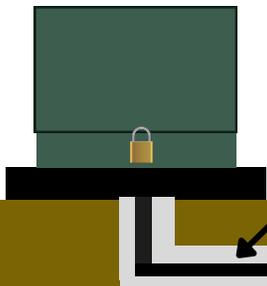
NOTICE: The Cooperative will supply the meter and the secondary wire from the transformer to the meter loop in all cases except those requiring a 320-amp service.

Option 2: Stand-alone meter base

Padmounted transformer (Co-op owned)

Required clearance: 3' minimum each side and back, 12' minimum in front (lock side)

Do not plant, pave, or build enclosures around padmount transformers



Meter height

4' Minimum
6' Maximum

Meter (Co-op owned)

2" schedule 80 PVC pipe (Member owned)

This is required and must be at least 18" into the ground

Underground Service Wire (Co-op owned)

Meter base post (Member owned)

Minimum 5" x 6" treated post
If more than one meter base is present, two 4" x 4" treated posts attached to a piece of 3/4" minimum treated plywood or treated lumber of equal or greater strength is required.

Meter base (Member owned)
Minimum 200-amp bypass lever required

This must be installed outdoors. The National Electrical Code (NEC) 110.26 requires 30" wide space and 36" perpendicular to the meter socket be maintained as unobstructed working space. (i.e., this space should be kept clear of shrubs, fences, decks, enclosures, etc.)

Wire to house panel - Must be wired to NEC code (Member owned)

NOTICE: This drawing illustrates BEC requirements only and is not intended to be a comprehensive guide for the installation of an electric service. To insure a safe, quality installation that complies with the National Electrical Code and local requirements, the Cooperative recommends that all work be done by a qualified, licensed electrical contractor.