



Requirements for Installing Underground Service from Pole, Pedestal, or Padmount Transformer

Pioneer # 937-381-0662

The undersigned hereby applies to the member, builder or contractor, and agrees to the following terms and conditions:

1. All trenching and backfilling will be provided by a qualified, competent person. The trench shall be a minimum depth of **36 inches** below finish grade and installed along Pioneer Electric Cooperative (PEC) approved route. When this depth is unattainable, an alternate installation method may be approved by PEC on a case-by-case basis. You must provide for location of all underground facilities. **Contact OUPS @ 1-800-362-2764.**
2. Furnish and install a PEC approved conduit system, consisting of 2-1/2 inch **electrical grade Schedule 40 PVC** for a 200 amp service, 3 inch **electrical grade Schedule 40 PVC** for a 320 and 400 amp service installed from the pole, underground service pedestal, or padmount transformer to the meter base. When the conduit terminates at the pole, conduit shall be flush against pole, and it shall be extended 1 foot above ground and capped in accordance with the Cooperative approved method.
3. Assure the continuous run of conduit is limited to **three, 3 foot electrical grade Schedule 40 PVC sweeping 90-degree bends**. Conduit runs of 150 feet and greater shall be approved by the Cooperative. Electrical grade Schedule 80 PVC conduit will be installed where the Cooperative determines that greater load-bearing strength is required; for example, under driveways. Meter bases must be installed at locations specified by the Cooperative. An expansion joint/sleeve below the meter base is required. Entrance location of the conduit into the meter base will be determined by the Cooperative.
4. Install a pull string or tape with a minimum breaking strength of 150 pounds. Additional five feet of pull string or tape secured to the unglued end cap and also at the meter base.
5. Call PEC for inspection when conduit is installed. It is the responsibility of the landowner or contractor to contact PEC at least 2 business days prior to inspection being needed. **Inspection shall be done PRIOR to backfilling.** If the ditch is not inspected prior to backfilling, it will be the landowner's responsibility and at their expense to **re-open** the trench for PEC to inspect. If the ditch does not pass inspection, PEC has the right to refuse any electrical service hook up until all work has been completed to meet the required specifications.
6. Install an electrical warning tape a minimum of 12 inches above the conduit and backfill the trench. The trench must be backfilled before PEC can pull in the conductor.
7. If underground must be installed to an energized padmount transformer:
 - ◆ **YOU WILL BE RESPONSIBLE FOR ALL DIGGING.**
 - ◆ **PRIOR** to installing the conduit/sweep 90—Landowner or Contractor is **REQUIRED** to contact PEC (937-381-0662) at least two (2) business days in advance to schedule a PEC employee to assist with installing the sweep 90 into the energized enclosure.
 - ◆ Inspection of trench and conduit will be done by Cooperative personnel after conduit installation is complete and before landowner or contractor can backfill.

It is understood by the Member that all equipment installed on or about the premises in which PEC provides electric energy is the property of PEC. PEC's agents and employees are authorized to enter upon the premises to inspect, disconnect, reconnect and/or remove equipment of PEC.

Date _____ **Service Address** _____

Member Name _____

Signature (as printed above) _____

By signing this document, I acknowledge that I have read the terms and understand and agree to these terms.