

RULES FOR ELECTRIC METER & SERVICE INSTALLATIONS



RULE 10

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RULE 10 – LOW TENSION NETWORK (LTN) - SERVICE IN DOWNTOWN BUSINESS DISTRICTS

a. **PPL EU Low Tension Network (LTN) Locations:**

- Allentown
- Harrisburg
- Lancaster
- Scranton
- Wilkes-Barre
- Williamsport

b. **PPL EU Establishes:**

PPL EU has established distribution systems in downtown business districts. All service within these areas will be served under terms and conditions determined by PPL EU.

c. **Secondary Voltage and Load Criteria:**

For Low Tension Network (LTN) service, loads up to 500 KVA are normally served at 208Y/120 Volts. Loads between 500 and 1000 KVA will be served at either 208Y/120 or 480Y/277 Volts as determined by PPL EU. Loads in excess of 1000 KVA will normally only be served at 480Y/277 Volts.

If a customer desires service at 480Y/277 or 208Y/120 Volts for a load that differs from the above criteria, it may be served at PPL EU's option, but only under special terms and conditions determined by PPL EU.

Service at other than the established secondary voltage will be served under special terms and conditions determined by PPL EU.

For non-LTN's, service will be provided at PPL EU's standard service voltages.

d. Load Limitation for Existing Services:

For load additions at existing 208Y/120 Volt services, the resulting total load will normally be subject to the same criteria as for new loads.

e. Point Of Service:

The point of service, shall be the point where PPL EU connects the service lateral cables to the customer's service entrance equipment:

(1) For secondary voltage service, on the line side terminals of:

- a. customer provided fused manual disconnect switch ahead of the meter adequate for the available fault current with provision for dual locking
- b. the metering equipment for an individual service,
- c. common bus for multi-meter service,
- d. customer's service entrance conductors in a splice box, or
- e. customer's service disconnect when disconnect is required by National Electrical Code, other applicable code or PPL EU. The disconnect device must be rated as service equipment and lockable in both the open and closed positions to accommodate a 3/8 inch shackle lock.

(2) For high voltage service, on the line side terminals of customer's service disconnecting devices.

f. Location of Point of Service:

The location of the point of service is designated by PPL EU normally at the most practical point closest to existing PPL EU facilities.

PPL EU generally provides only one point of service to a premises; however, where PPL EU determines that multiple points of service are required by customer's capacity requirements.

g. Multiple Points of Service:

PPL EU designates the locations of the multiple points of service.

The customers installation must conform to the National Electric Code (NEC) or any other applicable code.

h. High Voltage Service:

High voltage service may be served at the established primary service voltage when approved by PPL EU. Where only one service line is available, the service of underground high voltage service is solely at PPL EU's discretion.

(1) The customer installs the number, type and size of conduits to the point of service as specified by PPL EU.

- (2) The customer is responsible for piercing and sealing the wall where the conduits enter a building.
- (3) For LTN services:
 - a. PPL EU installs, owns, and maintains the service lateral conduits from its street mains to the curb.
 - b. All conduits in, on or under buildings, to the curb are owned and maintained by the customer.
- (4) Upon completion of construction, ownership of all physical facilities installed by customer on the line side of the points of service not located in, on or under buildings, shall vest in PPL EU free-of-charge.

PPL EU thereafter will maintain these facilities at no cost to customer.

i. Facilities Installed by PPL EU:

PPL EU installs, owns and maintains the service lateral cables from PPL EU facilities to the point of service.

j. Transformer Vault in Customer's Building:

When a vault for PPL EU's distribution transformers is located in a customer's building, the installation is under a special agreement.

The owner of the building, under PPL EU specifications and inspection, furnishes and installs all ducts and the vault including the lighting system, proper drains and screened ventilating openings, and the door(s) must be equipped with a hasp that will accommodate 3/8 inch shackle lock

The owner of the building owns and maintains the vault and all ducts in or under his building and grants to PPL EU by perpetual easement, the right of ingress and egress and the sole right to access and use of the vault and ducts. No transformers, protective devices or other equipment owned by any customer shall be installed in such vaults.

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