

# RULES FOR ELECTRIC METER & SERVICE INSTALLATIONS



## RULE 3

- (a) Service at Line Voltage
- (b) Service Voltage Less Than Line Voltage
- (c) Standard Service Voltages
- (d) Transformer Connections, Voltage and Tap Specifications
- (e) Single Phase High Voltage Service

### RULE 3 - SERVICE AVAILABLE AT HIGH VOLTAGE

#### a. Service at Line Voltage:

High voltage service is provided at line voltage from the nearest suitable high voltage line and the customer installs, owns and maintains all equipment necessary to transform the voltage.

#### b. Service Voltage Less Than Line Voltage:

When a customer requests service at a standard high voltage which is lower than that of the available line voltage, the customer may take service under a rate schedule which provides for PPL EU to install, own and maintain one transformation from line voltage.

#### c. Standard Service Voltages:

PPL EU's standard high voltages at which service is provided, depending on availability of lines, are:

Phase	Wires	Nominal Voltage	Reference
3	3	2,300	Note 1
3	4	4160Y/2400	Note 1
3	3	4,600	Note 1
3	4	12470Y/7200	-----
3	4	23,000	Note 2
3	3	69,000	Note 2
3	3	138,000	Note 2

**d. Transformer Connections, Voltage and Tap Specifications:**

The above voltages are nominal. PPL EU reviews customer selected high-side voltage and transformers taps (prior to purchase) before being and installed by the customer to provide the service voltage. All loads shall be balanced as nearly as possible on the three phases.

Customer owned transformer banks configured as grounded wye primary and closed delta secondary shall not be connected to the PPL EU system without prior approval from PPL EU. (C)

**e. Single Phase High Voltage Service:**

PPL EU will provide single phase service at 7,200 volts under certain conditions.

**Note 1** Distribution lines at these voltages are in the process of elimination and no new or additional service is provided directly from such distribution lines.

**Note 2** For voltages 23KV and above. The Rules in REMSI apply in general; however, PPL EU issues specifications for each installation as referenced in the Point of Contact Requirements for High Voltage Customer - Owned Facilities.  
*[www.pplelectric.com/at-your-service/electric-rates-and-rules/point-of-contact-requirements-for-high-voltage-facilities.aspx](http://www.pplelectric.com/at-your-service/electric-rates-and-rules/point-of-contact-requirements-for-high-voltage-facilities.aspx)*

A copy of the document can be obtained by going to PPL EU's Web site at *[www.pplelectric.com](http://www.pplelectric.com)*.

**(C) Indicates Change**

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