

RULES FOR ELECTRIC METER & SERVICE INSTALLATIONS



RULE 32

- (a) Customer Responsibility
- (b) PPL EU Specifies Harmonic Distortion Criteria
- (c) Customer is Responsible for Corrective Measures

RULE - 32 CUSTOMER'S EQUIPMENT — HARMONIC DISTORTION

a. Customer Responsibility:

The customer shall consult with PPL EU before purchasing or installing equipment that can introduce higher-frequency alternating current (AC) voltages and currents (harmonics) into PPL EU's supply circuits.

Excessive harmonic distortion interferes with the performance of both PPL EU and customer equipment.

b. PPL EU Specifies Harmonic Distortion Criteria:

For the service voltage requested by the customer, PPL EU specifies the maximum allowable harmonic distortion of PPL EU's system voltage at the customer's point of service for normal or emergency operation of PPL EU's system.

c. Customer is Responsible for Corrective Measures:

PPL EU notifies customer if the customer's proposed equipment would produce harmonic voltages greater than those allowed by PPL EU's criteria.

The customer is responsible for reducing the harmonics which will appear on PPL EU's system by modifying equipment design or installing remedial equipment such as harmonic filters.

Customer's who do not consult with PPL EU prior to installing harmonic producing equipment are responsible for implementing corrective measures if their equipment produces harmonic voltages greater than those allowed by PPL EU's criteria.