

Commonwealth
Edison Company

ELECTRICITY

~~1st~~ 2nd Revised Sheet No. 169
(Canceling Original Sheet No. 169)**GENERAL TERMS AND CONDITIONS**

(Continued from Sheet No. 168)

DISTRIBUTION FACILITIES (CONTINUED)**SECONDARY SERVICE VOLTAGE (CONTINUED).****Single-Phase**

A single-phase, 120 volt, two-wire, nominal secondary service voltage is not permitted if the aggregate rating of the retail customer's permanently connected electrical equipment exceeds two (2) horsepower, two (2) kW, or two (2) kilovolt-amperes.

A single-phase, 120/208 volt, three-wire; 120/240 volt, three-wire; or higher nominal secondary service voltage, as available, is provided if the aggregate rating of the retail customer's permanently connected electrical equipment is single-phase and exceeds two (2) horsepower, two (2) kW, or two (2) kilovolt-amperes. The retail customer is responsible for ensuring that such equipment is balanced on the phase conductors as closely as practical.

Any piece of electrical equipment with a rated capacity in excess of two (2) kW or two (2) kVA must be operated at not less than 208 volts.

Three-Phase

A three-phase nominal secondary service voltage is provided to a retail customer in a standard distribution facilities installation for a situation in which such retail customer has only single-phase electrical equipment if the Company determines that the retail customer's total electric power and energy requirements warrant the provision of a three-phase nominal secondary service voltage. In such situation, the retail customer is responsible for ensuring that such equipment is balanced on the phase conductors as closely as practical.

- * A three-phase nominal secondary service voltage is provided to a retail customer in a standard distribution facilities installation for a situation in which such retail customer has (a) a single motor with a rated capacity of at least five (5) horsepower, (b) three-phase electrical equipment with an aggregate of at least ten (10) kW, excluding lighting, domestic ranges, water heaters, welders, and motors smaller than one-half (0.5) horsepower, or (c) three-phase motors with an aggregate of at least five (5) horsepower, excluding any motor smaller than one-half (0.5) horsepower. However, in certain individual situations, a single-phase nominal secondary service voltage is provided to a retail customer, as described by item (a), if the retail customer's premises is located in an area with sufficient available distribution system capacity, as determined by the Company. For a situation in which a retail customer has a single motor with a rated capacity of at least five (5) horsepower and a single-phase nominal secondary service voltage is provided to such retail customer, the Company does not require such retail customer to convert to a three-phase nominal secondary service voltage.

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