
COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS)
(Continued from Sheet No. C-28.00)

C. Separate bills/Summary billing service

The following supplements the provisions of R 460.124.

Summary billing service is available to customers with more than one electric service account upon completion and acceptance of an application. Every month, a customer participating in this voluntary service will receive a single bill that summarizes data about each account on one statement. The separate accounts are listed individually on the statement and their sum total is placed on the summary bill. The customer pays the total amount owed on the summary bill account.

D. Guarantee instead of deposit

The following supplements the provisions of R 460.112.

Instead of a cash deposit required by these rules, the Company may accept the written guarantee of a customer in good standing of the Company or the guarantee of the Department of Human Services where payment to the Company is the responsibility of the Department of Human Services.

C6. SUPPLEMENTAL BILLING PRACTICES NON-RESIDENTIAL CUSTOMERS

A. Payment of bills

The following supplements the provisions of R 460.3906.

In the case of those commercial and industrial customers voluntarily receiving summary billing service, the Company shall permit each customer 15 calendar days from the date of rendition of each bill for payment in full.

B. Summary billing service

Summary billing service is available to customers with more than one electric service account upon completion and acceptance of an application. Every month, a customer participating in this voluntary service will receive a single bill that summarizes data about each account on one statement. The separate accounts are listed individually on the statement and their sum total is placed on the summary bill. The customer pays the total amount owed on the summary bill account.

C7. STANDARD NOMINAL SERVICE VOLTAGE , LIMITS AND EXCEPTIONS

C7.1 Secondary Service Voltages

The following supplements the provisions of R460.3702.

The standard nominal secondary service voltages adopted by the Company which are available on the distribution system are as specified in this Section C7.1. Not all service voltages may be available in all areas and there may be a charge to extend the necessary facilities to the customer, as provided elsewhere in these Rules and Regulations.

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COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS)

(Continued from Sheet No. C-29.00)

C7.1 Secondary Service Voltages (Contd)

A. 120 Volts, Single-phase, Two-wire Service

This service is available for loads not larger than 3,000 watts, and is limited to installations with not more than two branch circuits.

B. 120/240 Volts, Single-phase, Three-wire Service

This service is generally available for a maximum demand not greater than 100 kilowatts. A customer with a demand greater than 100 kilowatts may be served at this voltage at the option of the Company.

C. 208Y/120 Volts, Single-phase, Three-wire Service

This service is available for small loads where three-phase, four-wire 208Y/120 volt distribution facilities exist. The service capacity is generally limited to 100 amperes without specific approval.

D. 208Y/120 Volts, Three-phase, Four-wire, Grounded-wye, Combination Single-phase and Three-phase Service

- (1) This service is generally available *in all territories* where *the* three-phase, primary *system presently* exists, and where a duplication of facilities would not result.
- (2) This service is generally available *to a Customer having a demand of at least 100 kilowatts or to a group of customers located on adjacent premises under common ownership if the aggregate demand served from any one point of service is at least 100 kilowatts. Point of service is defined as the point of attachment of the customer-owned service to the Company-owned conductors.*
- (3) *This service is generally available to a Customer having a demand less than 100 kilowatts, provided that the Customer's connected load includes motors of more than five horsepower per motor or the total connected load of all three-phase equipment is 25 kilowatts or more.*
- (4) This service is the only three-phase service available in areas where the system is a 208Y/120 volt, three-phase, four-wire, secondary system.
- (5) The Company may regard this service as special service *under Section C7.3* where it is not standard, or at any location where, in its opinion, such an extension would result in duplication of distribution facilities.
- (6) *At the option of the Company, a Customer that does not meet the requirements of (2) or (3) may be able to obtain 208Y/120 volt, three-phase, four-wire, secondary service as a special service under Section C7.3. Consult the Company.*

(Continued on Sheet No. C-31.00)

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R.A. Draba
Vice-President,
Milwaukee, Wisconsin

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COMPANY RULES AND REGULATIONS (FOR ALL CUSTOMERS)
(Continued from Sheet No. C-30.00)

- E. **480Y/277 Volts, Three-phase, Four-wire, Grounded-wye, Combination Single-phase and Three-phase Service**
- (1) *This service is generally available in all territories where the three-phase, primary system presently exists, and where a duplication of facilities would not result.*
 - (2) This service is **generally** available to a Customer having a demand of at least **100** kilowatts or to a group of customers located on adjacent premises under common ownership if the aggregate demand served from any one point of service is at least **100** kilowatts. Point of service is defined as the point of attachment of the customer-owned service to the Company-owned conductors.
 - (3) *At the option of the Company, a Customer having a demand less than 100 kilowatts, may be able to obtain 480Y/277 volt three-phase, four-wire service as a special service under Section C7.3.*
- NOTE: Service at 480Y/277 volts for demands less than 100 kilowatts may not be available in all areas. Consult the Company.*
- (4) *The Company may regard this service as special service under Section C7.3 where it is not standard, or at any location where, in its opinion, such an extension would result in duplication of distribution facilities.*
- F. **240 Volts, Three-phase, Power Service**
- (1) This service voltage is no longer available for new service except, at the option of the Company:
 - (a) In areas with existing 240 volt, three-phase, secondary distribution facilities which are adequate, and where a duplication of facilities would not result.
 - (b) For special circumstances where warranted by engineering or economic considerations, as special service as noted in Section C7.3 of this rule.
 - (2) Where 240 volt, three-phase service existed as of the date of issue of these rules, the Company, at its option, may allow service upgrades at the same location. Such upgrades may be regarded as special service as noted in Section C7.3 of this rule.
- G. **480 Volts, Three-phase, Three-wire, Ungrounded Power Service**
- (1) This service voltage is no longer available for new service except, at the option of the Company, for special circumstances where warranted by engineering or economic considerations, as special service as noted in Section C7.3 of this rule.
 - (2) Where 480 volt, three-phase, three-wire service existed as of the date of issue of these rules, the Company, at its option, may allow service upgrades at the same location. Such upgrades may be regarded as special service as noted in Section C7.3 of this rule.

(Continued on Sheet No. C-32.00)

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(Continued from Sheet No. C-31.00)

C7.2 Primary Voltage Service

- A. When entering into a contract to supply primary voltage service, the Company will specify the nominal voltage and its character at which it will serve the customer's load. The customer shall provide a substation of an appropriate size and design. Should the customer later desire to increase the size of his load above that specified in his contract, or change its character, a new contract for primary service will be entered into between the Company and the customer.
- B. Rule 460.3702 defines the situations in which voltages outside the limits specified in the rule are not considered a violation. Additionally, the following situations are also not considered a violation of rule R460.3702:
 - (1) If they arise from normal system operations or conditions necessary to safeguard employees or the general public.
 - (2) If they arise from equipment failure or temporary separation of parts of the system from the main system.

C7.3 Special Service

- A. The Company shall not be required to furnish service voltages or combinations of service voltages other than those available under these rules.
- B. Where special service, power service, a combination of service voltages, or separate lighting and/or power service is requested due to the nature of the customer's loads or operations, the Company may, at its option, supply such special service where:
 - (1) such service can be reasonably provided by the Company and
 - (2) the customer pays, in advance of construction and in addition to any line extension costs, the total amount by which the extension of special service(s) exceed the cost of extending the service(s) to which the customer is entitled.
- C. Customers having equipment or operations that are sensitive to voltage fluctuations, transients, sags or swells that may affect the performance of certain types of equipment or operations, or that require service conditions that exceed those required for standard retail service, may find it necessary to install, at their own expense, power conditioning equipment or other modifications to protect, mitigate or otherwise provide the type of service needed.