

## **GENERAL INFORMATION**

### **4. CHARACTERISTICS OF SERVICE**

In addition to the provisions hereof, service of particular characteristics is available only when such service is specified under "Character of Service" in the Service Classification under which service is supplied, and subject to the provisions of such Service Classification.

#### **4.1 GENERAL**

Where three phase service is supplied the Customer shall balance the current on each of the phases in a manner satisfactory to the Company. Frequencies and voltages referred to in the Service Classifications are approximate.

The Customer or his contractor should consult the Company as to characteristics of service available before purchasing electrical equipment for any installation or for additions to or replacements of existing installations or before moving electrical equipment to a new address.

The Company reserves the right to change its system and its method of operation from time to time, pursuant to law and the provisions of its schedule as, in its judgment, is necessary or advisable for economical and proper service to the public.

#### **4.2 SECONDARY SERVICE**

Low voltage service generally will be supplied single phase at 120/240 Volts, three wires, throughout the system. In limited areas three phase, four wire service will be recommended by the Company at 120/208, 120/240 or 277/480 Volts. No single phase motor in excess of 5 HP will be served unless the Company, after inspection of the specific installation, method of operation and other relevant factors, determines that such motor may be supplied without affecting the service to the Customer and neighboring customers. The Company may require that any motor shall be of such size and have such starting characteristics or be equipped with such starting current limiters as will satisfactorily minimize or eliminate the effect of such motors' starts upon the service supplied to the Customer or neighboring customers.

## GENERAL INFORMATION

### 4. CHARACTERISTICS OF SERVICE (Continued)

#### 4.3 PRIMARY SERVICE

High voltage service at approximately 7620/13200 Volts, 19900/34500 Volts grounded Wye and, in limited areas, 2400/4160 Volts grounded Wye, 2400 Volts or 4800 Volts Delta. This service will be supplied only as warranted by the magnitude of the load, its location or other physical conditions at the voltages designated herein or in the applicable Service Classification.

All equipment and apparatus necessary to change the frequency and/or voltage and/or other characteristics of the electricity furnished by the Company to conform to the requirements of the Customer shall be furnished and maintained at the Customer's expense.

#### 4.4 SUBSTATION SERVICE

High voltage service at approximately 7620/13200 Volts, 19900/34500 Volts grounded Wye and, in limited areas, 2400/4160 Volts grounded Wye, 2400 Volts or 4800 Volts Delta served directly from a Company-owned distribution substation on or abutting the Customer's premises. This service will be supplied only as warranted by the magnitude of the load, its location or other physical conditions at the voltages designated herein or in the applicable Service Classification.

All equipment and apparatus necessary to change the frequency and/or voltage and/or other characteristics of the electricity furnished by the Company to conform to the requirements of the Customer shall be furnished and maintained at the Customer's expense.

#### 4.5 TRANSMISSION SERVICE

High voltage service at approximately 34500 Volts Delta, 69000 Volts and 138000 Volts. This service will be supplied only as warranted by the magnitude of the load, its location or other physical conditions at the voltages designated herein or in the applicable Service Classification.

All equipment and apparatus necessary to change the frequency and/or voltage and/or other characteristics of the electricity furnished by the Company to conform to the requirements of the Customer shall be furnished and maintained at the Customer's expense.