

TERMS AND CONDITIONS

VII. VOLTAGE

A. The following definitions apply to terms used below:

Base Voltage	The reference level of service voltage
Maximum Voltage	The greatest actual voltage, except as provided for in Paragraph C., below
Minimum Voltage	The lowest actual voltage, except as provided for in Paragraph C., below
Nominal Voltage	The level of service voltage contracted for

B. The Company will endeavor to supply voltages within the limits established in the following table:

STANDARD SERVICE VOLTAGES AVAILABLE
FROM DISTRIBUTION CLASS FACILITIES

1. Residential Service (+/-5%)

<u>Nominal</u> <u>Voltage</u>	<u>Minimum</u>	<u>Voltage Range</u> <u>Base</u>	<u>Maximum</u>
120*	114	120	126
120/240*	114/228	120/240	126/252
240Δ/120	228Δ/114	240Δ/120	252Δ/126
208Y/120	198Y/114	208Y/120	218Y/126

(Continued)

TERMS AND CONDITIONS

VII. VOLTAGE (Continued)

2. Specifically for Lighting Purposes (+/-5%)

<u>Nominal</u>	<u>Voltage Range</u>		
<u>Voltage</u>	<u>Minimum</u>	<u>Base</u>	<u>Maximum</u>
120*	114	120	126
120/240*	114/228	120/240	126/252
240Δ/120	228Δ/114	240Δ/120	252Δ/126
208Y/120	198Y/114	208Y/120	218Y/126
480Y/277	456Y/263	480Y/277	504Y/291
4160Y/2400	3952Y/2280	4160Y/2400	4368Y/2520
12470Y/7200	11847Y/6840	12470Y/7200	13094Y/7560
13200Y/7620	12540Y/7239	13200Y/7620	13860Y/8001
34500Y/19920	32775Y/18924	34500Y/19920	36225Y/20916

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TERMS AND CONDITIONS

VII. VOLTAGE (Continued)

3. Other Retail Service (+/-10%)

<u>Nominal</u>	<u>Voltage Range</u>		
<u>Voltage</u>	<u>Minimum</u>	<u>Base</u>	<u>Maximum</u>
120*	108	120	132
120/240*	108/216	120/240	132/264
240Δ/120	216Δ/108	240Δ/120	264Δ/132
208Y/120	187Y/108	208Y/120	229Y/132
480Y/277	432Y/249	480Y/277	528Y/305
480	432	480	528
2400	2160	2400	2640
4160	3744	4160	4576
13200	11880	13200	14520
34500	31050	34500	37950
4160Y/2400	3744Y/2160	4160Y/2400	4576Y/2640
12470Y/7200	11223Y/6480	12470Y/7220	13717Y/7920
13200Y/7620	11880Y/6858	13200Y/7620	14520Y/8382
34500Y/19920	31050Y/17928	34500Y/19920	37950Y/21912

*Single-phase voltages - all others are three-phase.

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TERMS AND CONDITIONS

VII. VOLTAGE (Continued)

C. Variations in voltages in excess of those specified caused by addition of Customer equipment without proper notification to the Company, by the operation of Customer's equipment, by action of the elements, by infrequent and unavoidable fluctuations of short duration due to system operations, by conditions which are part of practical operations and are of limited extent, frequency and duration, or by emergency operations shall not be construed as a violation of this rule.

D. The Customer shall install and operate the Customer's electrical equipment in accordance with the Company's filed Terms and Conditions.