

TERMS AND CONDITIONS

VII. VOLTAGE

A. The following definitions apply to terms used below:

Nominal Voltage - the reference level of service voltage.

Maximum Voltage - the greatest 5-minute mean or average voltage.

Minimum Voltage - the least 5-minute mean or average voltage.

Urban Areas - areas of concentrated electric loads - generally, cities and towns having population of approximately 2500 or more are considered urban areas.

B. The Company will endeavor to maintain the voltages of Electric Delivery Service within the following limits:

1. For Electric Delivery Service to residential locations in urban areas, the variation from nominal voltage to minimum voltage at the Delivery Point will not be more than 5 percent of the nominal voltage, and the variation from nominal voltage to maximum voltage will not be more than 5 percent of the nominal voltage.
2. For Electric Delivery Service to residential locations in all other areas, the variation from nominal voltage to minimum voltage at the Delivery Point will not be more than 7.5 percent of nominal voltage, and the variation from nominal voltage to maximum voltage will not be more than 7.5 percent of the nominal voltage.
3. For Electric Delivery Service to other locations, the variation from nominal voltage to minimum voltage at the Delivery Point will not exceed 7.5 percent of nominal voltage, and the variation from nominal voltage to maximum voltage will not exceed 7.5 percent of the nominal voltage.

C. Variations in voltage in excess of those specified that arise from causes beyond the control of the Company, which may include – but are not limited to – the following: (1) the addition of Customer equipment without proper notification to the Company, (2) the operation of Customer equipment, (3) action of the weather, (4) infrequent and unavoidable fluctuations of short duration due to system operations, (5) conditions that are part of practical system operations and are of limited extent, frequency and duration, and (6) emergency operations shall not be considered a violation of this Section VII.