

Three phase	277/480 volt	4 wire	75kVA	1500kVA u.g. service
				300 kVA aerial service

2.2 PRIMARY SERVICE VOLTAGES

2.21 Primary electric service may be available depending on location and size of load.

				<u>MAXIMUM</u>
2.22	Three phase	12470/7200 volt	4 wire	4000kVA
	Three phase	4160/2400 volt	4 wire	700kVA

2.23 All references to voltages in this manual are nominal voltages. Actual voltages supplied may vary above or below nominal by 5%. If a customer requires closer voltage regulation than required by a standard service, the customer shall provide the necessary corrective equipment. The City of Newark Electric Department shall be consulted at all times regarding the availability of supply voltages at all locations.

3. APPLICATION FOR SERVICE

3.01 Before work can begin for a new, temporary, additional or upgraded service, a City of Newark service and meter location form (figure 1) shall be filed describing as completely as possible the equipment to be served and the size of the load to be supplied so that adequate capacity may be provided. **Before proceeding with any wiring, the point of delivery and meter location shall be determined by a City of Newark representative.** Site and design plans may be required, including single line diagram and equipment location depending on circumstances.

3.1 ADDITIONAL LOAD

3.11 The capacity of the service connection, transformers, meters and equipment supplied by the City is based on the type of equipment and estimated loads provided by the customer at the time of application for service. Because this capacity is limited, no additions to the customer's equipment or load will be allowed except with the prior consent of the City. The City of Newark Electric Department shall be notified, well in advance of any contemplated change, in order to consider and plan arrangements for any necessary alteration to the City's service and metering facilities.

3.2 POINT OF DELIVERY

3.21 The City of Newark will designate in writing, upon request, a satisfactory point of delivery where the customer shall terminate wiring and facilities for connection to the supply lines of the City of Newark. The failure to request and obtain such location may result in refusal of service pending reconfiguration of the

customer's facilities. However, the designation of a point of delivery does not constitute an agreement or obligation on the part of the City of Newark to furnish service.

3.3 NATIONAL ELECTRIC CODE

- 3.31 All new wiring and equipment, or changes in wiring and equipment shall be installed in accordance with the latest edition of the National Electric Code and the City's requirements in order to be approved for connection.

3.4 INSPECTION AGENCY APPROVAL AND METER DEPOSIT

- 3.41 The City will connect its distribution system to the new or changed facilities of a customer only after receipt by the City of a notice of approval, issued by a duly recognized inspection agency, and also receipt by the City of a meter deposit from the customer. In order to receive an inspection, the customer shall have a valid City of Newark Building Permit. Whenever a service has been disconnected for a year or more, or in cases where the City suspects or believes that the wiring may have been modified, an inspection will be required before service will be reconnected.

3.5 DEFECTIVE OR UNSATISFACTORY INSTALLATIONS

- 3.51 The City may refuse to connect if, in its judgement, the customer's installation is defective, does not comply with reasonable requirements necessary for safety, or is in violation of the City's standard requirements. The City may also refuse to connect if, in its judgement, the Customer's equipment, or use thereof, might adversely affect the equipment of the City, or the City's service to other customers.

4. TEMPORARY ELECTRIC SERVICE REQUIREMENTS

- 4.01 Temporary electric service may not be used for permanent service or be connected for more than one year.
- 4.02 Temporary service will be supplied only when and where the City of Newark has facilities available without detriment to the service to existing customers.

4.1 PLANNING AND DESIGN

- 4.11 Before work can begin for a temporary service, a City of Newark service and meter location form (See figure 1) shall be filed describing as completely as possible the equipment to be served and the size of the load to be supplied so that adequate capacity may be provided. Standard size for temporary service is typically single-phase 100 amp or less.