

- 1.09 If the supply is disconnected for any of the above reasons, a charge payable in advance shall be paid before reconnections to the supply.
- 1.10 The City reserves the right to suspend the delivery of electric service for periods as reasonably necessary to make repairs or changes to its distribution system without incurring any liability because of such a service interruption. The City will make a reasonable effort to notify customers of scheduled outages to minimize customer disruptions.
- 1.11 Site visits, when made by City of Newark Electric Department employees, are intended to ensure compliance with its own requirements and to cooperate with customers, contractors, architects and engineers. The City of Newark does not assume any responsibility for the customer's wiring or equipment, or for any loss or damage that may result from any defects that may exist in the customer's wiring and equipment.

2. SERVICES AVAILABLE

- 2.01 The City of Newark supplies alternating current only at a nominal frequency of 60 hertz (cycles per second).
- 2.02 Before proceeding with any work that involves the installation or relocation of City of Newark meters and/or service connections, an "Application for Electric Service and Meter Location" form (See figure 1) shall be filed with the City of Newark Electric Department.
- 2.03 **Not all service voltages are available in all areas. Before purchasing electrical equipment or proceeding with any wiring, information regarding the types of service available shall be obtained from the City of Newark Electric Department.**
- 2.04 Single-phase 120/208 volt service is supplied in various locations in the City. Proper voltage rating of appliances shall be used in these locations. Special metering with a 5th lug in the nine (9) o'clock position is required for proper metering. (See figure 11).
- 2.05 The City shall provide one service per occupancy unless the customer load or customer service requirements warrants otherwise.

2.1 SUPPLY VOLTAGES

				<u>MINIMUM</u>	<u>MAXIMUM</u>
2.11	Single phase	120/240 volt	3 wire	-	100kVA
	Single phase	120/208 volt	3 wire	-	50kVA
	Three phase	120/208 volt	4 wire	75kVA	500kVA u.g. service 300kVA aerial service
	Three phase	120/240 volt	4 wire	75kVA	300kVA aerial only

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.

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