CUSTOMER'S INSTALLATION

X (NUMEROUS CHANGES)

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- A. The Cooperative reserves the right to refuse service whenever the Customer's installation does not conform to these general rules and regulations set forth by the National Fire Protection Association and current National Electrical Safety Code and National Electrical Code.
- B. The Customer shall furnish and maintain a suitable meter location on their premises that is satisfactory to the Cooperative. No meter shall be installed in any location where it may be unnecessarily exposed to heat, cold, dampness or other cause of damage, or in any unduly dirty or inaccessible location.

The meter socket shall be located so that it is entirely on the outside of the building. Whenever the construction of a building on an adjacent lot prevents proper access to any meter, or access to the Point of Attachment of the Service Conductor, the Customer shall move the service entrance conductor to a location accessible to the Cooperative's employees.

No meter and/or service entrance shall be enclosed in a porch, garage, building/home or structure of any kind. The meter must be accessible to the Cooperative at all times. If a violation of the above occurs, the Customer is responsible for relocating the service entrance outside of the porch, garage building/home, or structure where it is accessible to the Cooperative at all times. If after 90 days the Customer has not complied with the relocation request, the Cooperative has the right to disconnect service to the meter until the violation has been corrected.

All meters installed shall normally be of the outdoor type, and the meter socket for same shall be mounted at a minimum height of four (4) feet and a maximum height of six (6) feet above the ground or floor line. There shall be an unbroken, exposed conduit or approved service entrance cable run from the service entrance cap to the socket.

C. Customer's electrical contractor shall install the meter socket, at Customer's expense, and subject to Cooperative's approval. In addition, the Customer shall bear the cost to install, own and maintain all necessary wiring extending from the Point of Attachment (where the Cooperative's service wires connect to Customer's building or metering pole) to the meter and continuing to Customer's service entrance and Customer's wiring installation.

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At the Point of Attachment where Cooperative's service wires are attached to Consumer's building, the Customer shall provide adequate anchoring and leave sufficient length of Customer's service entrance cable or wires for a "loop" so the Cooperative can properly connect same to Cooperative's service wires.

D. Where more than one (1) meter is required for a building such as an apartment house, all the meter sockets shall be located in the same place and must be individually numbered and identified according to apartment. The service entrance switch and cabinet shall be installed as near to the point of service entrance as practicable.

The meter base will be socket-type and shall be placed at a minimum height of four (4) feet and a maximum height of six (6) feet above the ground or floor line and affixed onto to a meter pole or a building.

Service contact to a pole shall not be less than sixteen (16) feet from the ground. Contact to a building shall not be less than ten (10) feet from the ground.

For the safety of Cooperative employees, the riser must not be greater than four (4) feet off the top of the roof.

A meter pole furnished, installed, and maintained by the Customer shall be a treated pole of at least six (6) inches in diameter at the smallest point or equivalent, 25-feet long [5 feet of which is to be placed underground] and properly guyed, when necessary, to receive electric service.

- E. Where two (2) or more houses or dwelling units have combined to form one (1) building through remodeling, there shall be only one (1) meter socket. In all remodeling where the meter loop is changed or moved or any change is made in the wiring, it will be necessary to install outdoor meter sockets and an approved service entrance where not already installed.
- F. Multi-family housing (apartments) and single-family homes that are converted or constructed to be used as multi-family housing shall install, at the property owner's expense, separate wiring for each dwelling unit, so each service can be metered and billed separately under the Cooperative's standard Residential Rate. Dwelling units that are not wired and metered separately will be billed under the applicable Commercial, Larger Power, or Industrial Service rates.

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- G. All service entrance conductors for all new services shall be installed in accordance with the current National Electric Code and National Electrical Safety Code.
- H. The Customer's entrance switch for all new 3-wire services shall not be less than 100-ampere capacity or equal to the capacity of the service entrance cable, whichever is greater.
- I. All single-phase meters installed for Commercial use that do not require current transformers shall be socket type with the meter socket to be installed, as specified by the Cooperative on the outside of the building. In the event it is impractical to make an outdoor meter installation, the meter may be installed inside, with specific approval the Cooperative.
- J. In all installations requiring current transformers, whether single-phase or 3-phase, the Customer shall provide an approved meter loop and disconnect. Metering cabinets will be furnished by the Customer and shall not be used by the Customer to house a distribution panel, other equipment, or for any distribution circuitry.
- K. For all 3-phase services, Customer will install 3-phase protection.
- L. The Line Extension Policy (Rule No. 7) will be applied if a Customer makes application for additional capacity. The facilities to be installed by the Cooperative shall extend to the Point of Attachment or Point of Delivery on the Customer's building or meter pole, as herein before specified.
 - The Customer shall install, at their own expense, the necessary switches, protective devices and service entrance cable extending from the Point of Attachment or Point of Delivery with the Cooperative's wires to the point of utilization of service.
- M. Operation of single-phase motors in excess of 10 horsepower name plate rating, per motor shall not be permitted, except by written permission of the Cooperative.

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- N. The Customer shall install only such motors and companion control and starting equipment or other apparatuses or appliances as are suitable for operation with the character of the service supplied by the Cooperative and shall not be detrimental to said service. All electric service must be used by the Customer in such a manner so as to avoid all abnormal voltage fluctuations or disturbances to the Cooperative's distribution system.
- O. Installations that can cause abnormal load and voltage fluctuations (such as those for welders, electric furnaces and other equipment of similar characteristics) shall be designed or equipped with suitable corrective and/or control equipment to operate at a power factor of not less than 90% at time of maximum demand.

All electric equipment installations of Customer shall be made in such a manner and equipped with suitable control devices so that the operation of said Customer's equipment and resultant load and voltage variations will not be detrimental to the service furnished by the Cooperative to its other Customers.

Where power factor corrective equipment is installed by the Customer, the Cooperative reserves the right to require the Customer to install, at their expense, such control and switching devices necessary to prevent excessive or detrimental voltage variations on the Cooperative's electrical system.

P. Where unusual substations are required, the Cooperative reserves the right to require the Customer to install the necessary complete substation, as provided for in the Cooperative's Commercial Rate Schedules.

Where the Customer has furnished the necessary complete substation equipment to take service at primary service voltage, the Customer shall maintain such equipment. It shall include the necessary transformers, structures, controls and protective equipment that meets the Cooperative's approval.

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