Nevada Power Company
P.O. Box 230
Las Vegas, Nevada 89151
Tariff No. 1-B
cancels
Tariff No. 1-A (withdrawn)

Original P.S.C.N.Sheet No. 106

Cancelling _____ P.S.C.N. Sheet No. ____

Rule No. 20
TYPES OF METERING INSTALLATIONS

A. Domestic Service, Single or Three Phase, 0-200 Amperes:

1. Service Entrance Switch: Customer shall furnish and install an enclosed service entrance switch of a sufficient capacity to disconnect Customer's service under load. The recommended minimum capacity for service entrance switch is 100 amperes.

2. Meter Socket*: For installations requiring a 100 ampere or less service entrance switch, the Customer shall furnish and install a standard 100 ampere capacity meter socket for a self-contained meter.

3. Heavy Duty Meter Socket*: For installations requiring more than 100 amperes or less than a 200 ampere service-entrance switch, the Customer shall furnish and install a heavy duty meter socket for a self-contained meter.

*Certain meter sockets, meter socket boxes and meter loop pull boxes are approved by the Utility. Unapproved devices are not acceptable. Approved listing of these devices is available at Utility office.

B. General Service, Single or Three Phase, 0-200 Amperes:

1. Service Entrance Switch: Customer shall furnish and install an enclosed service-entrance switch of sufficient capacity to disconnect Customer's service under load.

2. Safety Socket Meter Box*: For installations requiring a 100 ampere or less service-entrance switch and for voltages up to 300 volts, the Customer shall furnish and install a safety socket box and 100 ampere socket as approved by the Utility.

3. Heavy Duty Safety Socket Meter Box*: For installations requiring a 200 ampere service-entrance switch and for voltages up to 300 volts the Customer shall furnish and install a heavy duty safety-socket box and a heavy duty 200 ampere socket* as approved by the Utility for a self-contained meter.

4. Three Phase, 480 Volts: For installations requiring a 100 ampere or less service-entrance switch, the Customer shall furnish and install a

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Rule No. 20
TYPES OF METERING INSTALLATIONS
(Continued)

meter loop pull box* as approved by the Utility for an "A" base type meter. All such installations with a service-entrance switch exceeding 100 ampere rating shall be instrument transformer type (See Section "C").

*Certain meter sockets, meter socket boxes and meter loop pull boxes are approved by the Utility. Unapproved devices are not acceptable. Approved listing of these devices is available at Utility office.

C. Domestic & General Service Above 200 Amperes, Single or Three Phase, 0-300 Volts and 480 Volt, Three Phase Above 100 Amperes.

1. For installations either single phase or three phase, 0-300 volts where the load is more than 200 amperes and three phase 480 volts installations where the load is more than 100 amperes, the Utility will furnish and Customer shall install instrument transformers of the required size and type which Utility deems suitable. Where such instrument transformer is installed, the Utility may require that the meter not be self-contained in which case no meter socket need be furnished by Customer. The use of iron or steel bolts for connecting conductor connectors to the current transformer primary conductor bar is prohibited. "Everdure" bolts or equivalent are required to insure the use of current transformer thermal capacity ratings.

2. Non-Switchboard Current Transformer Metering Equipment: For installations requiring current transformer metering equipment as specified in Paragraph 1 of this section, Customer shall furnish and install a meter loop pull box and metal cabinet for housing the current transformers in accordance with the specifications as approved by the Utility.

3. Switchboard Metering Equipment: Customer shall submit manufacturer's drawings of proposed switchboard for approval of metering installation.

4. Multiple Meter Installations are necessary where:

   a. Customer receives more than one character of service.
   b. More than one Customer is located in a single building.

Rule No. 20

TYPES OF METERING INSTALLATIONS
(Continued)

4. Multiple Meter Installations are necessary where (continued):

   c. Two or more buildings or structures are located on the sane lot and Utility requires more than one meter.

   d. Each meter position in multiple meter installations shall be clearly and prominently marked in a permanent manner by the Customer to indicate the particular location supplied by it. Meters will not be installed until the marking is complete.

   Such multiple meter installations shall be made in accordance with the specifications as approved by the Utility. Customers who require such installations shall first consult with the Utility.

D. General Service for Non-Standard Voltages:

At the time Customer applies for such services, Utility will specify the types of equipment which Customer will be required to furnish and install.

E. Meter Locations, New or Altered:

1. Except when permitted by Utility, all metering installations shall be located on the outside of Customer's building or structure in accordance with the specifications as approved by the Utility and shall be accessible to the Utility representatives at any reasonable time. (T,N)

2. No Meter installation shall be located:

   a. On any floor higher tan than ground floor, except when permitted by Utility: (T,N)
   b. In any place where moisture, fumes or dust may interfere with its operation or materially damage the installation;
   c. In any elevator shaft or hatchway;
   e. In any place not in general use;
   f. Directly over nay stairway, ramps, or steps;
   g. On any surface subject to a vibration which the Utility deems excessive;
   h. In any doorway;
   i. On or recessed with external surface of any wall of any

Rule No. 20
TYPES OF METERING INSTALLATIONS
(Continued)

building that is built within three (3) feet of any property line or on the line of any walk, alley, or driveway giving access to commercial or industrial property, except when permitted by Utility.

3. Since meters may be noisy at times, the Utility recommends that metering locations on exterior walls of bedrooms or bedroom closets be avoided whenever possible.