

Rule No. 21

CUSTOMER'S SERVICE ENTRANCE INSTALLATIONS

A. Service Drop Bracket:

The Utility shall furnish a service drop bracket to be installed by Customer at the approved point of support. The method of attaching overhead service drops to residential, commercial, or industrial buildings by use of a bracket must be as approved by the Utility. The Utility shall not be responsible for any loss or damage occasioned by failure of Customer's permanent support for its service drop.

B. Attachment Structure:

An attachment structure is any structure of steel pipe, conduit, angle iron, wood, or other suitable material which has been constructed on Customer's building for the purpose of providing a higher point of attachment for the service drop than is provided by the building itself. Where such attachment structure is necessary it shall be of a type which the Utility deems satisfactory, shall be strong enough to support the service drop conductor and bracket, and shall be installed and maintained at Customer's expense. Customers and property-owners who require such structures shall consult with the Utility before construction is begun.

C. Service Heads:

Service heads shall always be located in the immediate vicinity of the service drop bracket, and in such a manner that they meet the requirements for vertical ground clearance as approved by the Utility.

D. Drip Loops:

A drip loop is the length of exposed conductor between the service head and the service drop. Not less than two and one-half (2-1/2) feet nor more than four (4) feet of exposed open conductor shall be permitted, and the service head shall be located in such a manner that the individual conductors in the drip loop shall not come in contact. While drip loops shall not be extended around the corner of a building, the service head may be located on the same face of the building as the service drop attachment and the service entrance conduit or cable extended around the corner of the building to the meter and service switch.

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E. Meter Sequence:

In all installations the metering equipment shall be located on the line (or utility) side of the service entrance switch except for certain multiple meter installations, in which case Rule 20.C.4 of this schedule of electric service rules will apply.

F. Service Entrance Switch

A switch or circuit breaker to disconnect Customer's installations from Utility's service shall be furnished and installed by Customer in a readily accessible location. The neutral conductor shall not be fused or switched.

G. Grounding

Single phase, two-wire, 120 volt; three-wire 120/240 and 120/208 volt services have a grounded neutral conductor. Three phase, four-wire 120/240 volt, 120/208 volt and 265/460 volt services have a grounded neutral. The neutral service entrance conductor shall be grounded in the meter socket, if used, and the neutral service entrance conductor shall be connected securely to the neutral terminal of the service-entrance switch.

Three phase, three-wire 240 and 480 volt services do not have a grounded neutral conductor and grounding is prohibited.

H. Meter Height

1. Surface Mounted: The bottom of any meter socket or the top of any loop box shall be not more than 6 feet 3 inches and not less than 4 feet 6 inches above the standing and working surface, except:

a. When a 4" x 4" loop box is installed, the height to the top of the loop box will be minimum 4'9", maximum 5'6".

b. When a meter room is provided, the minimum height will be 3 feet.

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Conrad L. Ryan
President

Nevada Power Company

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Tariff No. 1-B

 cancels

Tariff No. 1-A (withdrawn)

Original

P.S.C.N. Sheet No. 112

Cancelling

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

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2. Recessed or Enclosed: The bottom of any meter socket or the top of any loop box shall be not more than 5 feet 6 inches and not less than 3 feet above the standing and working surface.

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