

ELECTRIC INSTALLATION GUIDE

PURPOSE:

This installation guide was prepared for the use of our customers as a safeguard for the installation of electric facilities. The information is presented by NV Energy (NVE) in our effort to supply uniform, satisfactory and safe service to our customers. It is necessary that the construction of new or remodeled installations conform to the provisions of city, and county ordinances, rules on file with or issued by the California Public Utilities Commission, Nevada Public Utilities Commission, and applicable rules of the state of California and Nevada. In areas where there are no ordinances governing electric installations, structures and wiring should meet the latest requirements of the National Electrical Safety Code (NESC), National Electric Code (NEC), and applicable California and Nevada regulations.

Electric service will be established only after electric service entrance facilities are satisfactorily installed. Local or State ordinances require that permits and final inspection be obtained before NVE can establish service.

APPLICATION FOR SERVICE:

It is important that the local NVE office be provided as early as possible with accurate load information and date when the customer will require service so that all necessary arrangements for the service may be completed. Requests for service to commercial and industrial customers normally require additional lead time for engineering and planning. A lead time of at least 60 days is normally necessary for engineering and planning. Installations requiring special equipment / material may require six months or longer lead time.

For commercial, industrial, and apartment applications, the request for service should include one hard copy and one reproducible copy of the plot plan. The plot plan shall show preferred service and meter locations, and single line diagram of the electrical layout. Application for service must be obtained from the local NVE office in which the service location is requested.

When conditions are encountered during construction that requires changes in the service arrangements, NVE shall be consulted so that satisfactory alternative arrangements may be made.

Complete information on requirements for the extension of electric distribution facilities in the event such facilities are not presently available may be obtained upon request.

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COMMERCIAL AND INDUSTRIAL SERVICE INFORMATION:

Prior to the manufacture of proposed Commercial/Industrial switchboards over 200 amps, two copies of the proposed switchboard drawings shall be submitted to NVE for review and approval at the following address:

**NV Energy
 Electric Metering Department (R90EM)
 P.O. Box 10100
 Reno, NV 89520-0024**

Refer to Section 8.0 of this Volume for specific details.

SERVICE CONNECTIONS AND SEALING:

Only authorized NVE employees shall make the connection or disconnection of the NVE electric service to the building or structure. **Seals placed by NVE on meters and associated service equipment shall not be broken or tampered with.** Call NVE if it is necessary to have the service disconnected or the meter removed because of remodeling or alterations.

CHANGE IN REQUIREMENTS:

The information contained in this package is subject to revision due to changes in governmental codes and ordinances or changes in NVE standards. NVE does not assume responsibility for keeping this package current. A NVE Utility Project Coordinator shall be consulted in the case of doubt on the applicability of any item.

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