Clark County Department of Building & Fire Prevention
Building Division – Inspection Services
Field Inspection Guideline

SUBJECT:	**NV Energy Requirement**	**FIG-E-021**
Effective Date: **May 1, 2007**	***Revised: May 20, 2014***	***Approved By:*** ***BAT***
Code Chapter: ***Nevada Power Distribution Standards***		**Page 1 of 1**

Interpretation: Electrical services shall meet the serving utility's standards in addition to NEC requirements.

Field Application: The following standards as provided by Nevada Power Company are to be included as part of our inspection process:

- Working space at meter enclosures shall extend 36 inches from the front of the meter enclosure, with a clear height of not less than 78 inches. The width of clear space shall be not less than 36 inches with a minimum 10 inches from the side of the service enclosure to the nearest obstruction or wall.
- There shall be a minimum clearance of 36 inches horizontally from the side of the electric meter panel to the nearest edge of a gas meter.
- The meter serving a new single-family dwelling shall be mounted on the front of the building facing the serving line, or on an adjacent side within 10 feet of the front of the building.
- The meter height for single meter services shall be not less than 48 inches to center and not more than 75 inches to center from the standing surface.
- Underground service conduit above slab level shall be rigid galvanized steel (RGS), intermediate metal conduit (IMC), or PVC Schedule 80. The minimum conduit size shall be as follows:

  Single-Family Residence - 100-225Amp Service: 2 ½"
  300-400Amp Service: 3"
  Multi-family Building - All Services: 3"
  Commercial Building - All Services: 4"

- Overhead service conduit shall be (RGS) or (IMC) with a minimum size of 2 inch and a maximum 30 inch service mast without bracing. If properly braced, the maximum service mast height may be increased to 60 inches. Service conductors must extend a minimum of 18 inches from the weather head.

Revision History:

Reference #	Title	Effective Date	Revised	Reviewed
FIG-B-021	**Electric Service Requirements**	**May 1, 2007**		**May 23, 2013**
FIG-B-021	**NV Energy Requirements**		**March 07, 2014**	
FIG-B-021	**NV Energy Requirements**		**May 20, 2014**	