



2020 ELECTRIC SERVICE REQUIREMENTS

Introduction

The Information and instructions contained in the Electric Service Requirements (ESR) Book represents the manner in which the distribution system is to be constructed in order to provide safe, reliable and cost effective electrical service to our customers. The following pages identify the construction methods acceptable to NV Energy (NVE). This book is intended for use as a reference for NVE personnel and electrical contractors who work on or around NV Energy's electrical grid.

Instructions for Use

These standards are to be followed for new construction, major rehabilitation and rebuilding of existing facilities. They conform to the most current National Electrical Safety Codes (NESC), NV Energy (NVE) requirements and local governmental requirements such as the RTC and NDOT. An NVE representative must approve, in writing, any deviation from the requirements set forth in the ESR. Any distribution plant not built to standard for reasons of expediency or material shortage must be corrected and rebuilt to standard at the earliest opportunity.

PLEASE NOTE THAT YOU HAVE A RESPONSIBILITY IN THIS EFFORT! You are expected to become familiar with these construction standards, to comply with them, and to participate positively in their improvement by proposing practical and economical changes. Only with your cooperation and conformance can the main object of standardization become a reality.

Within each revised standard, the changes made are specifically identified by a revision bar (|), typically located adjacent to the revised area in the left-hand margin of the page. **In addition, the NV Energy ESR has been significantly reformatted for usability. Especially note the separation of sections entitled "ELECTRIC SERVICE REQUIREMENTS" and "CLEARANCES."**

Questions

Any questions regarding this edition of the ESR book should be directed to the **NV Energy T&D Standards Department** e-mail: tdstandards@nvenergy.com. To recommend changes to a standard please complete the ESR Change Recommendation Form (R-SB).

Copies

For your convenience, full and partial electronic versions of the ESR book are available on-line at:

<http://www.nvenergy.com/business/newconstruction/newconstructionS/servicestandards.cfm>

THIS PAGE INTENTIONALLY LEFT BLANK