

# DISTRIBUTION CONSTRUCTION STANDARDS

  

## INTRODUCTION

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The Distribution Construction Standards (DCS) Manual is an internal Austin Energy document primarily intended for Austin Energy employees. The information contained in the DCS Manual covers approximately 80% to 90% of all new distribution construction within Austin Energy's service area. This manual displays the acceptable construction assemblies that have been approved by the Distribution Material Standards Committee for distribution construction. There will always be exceptions not covered in this manual due to differences in outdated and new construction methods, maintenance issues, topographical issues, and special situations.

The DCS manual is arranged in numerical order of a combination of the Compatible Unit Reference (CU-REF) numbers and Macro Unit Reference (MU-REF) numbers. The DCS manual also contains drawings showing the representation of each method of construction. Some drawings have reference tables for span length and angle parameters. The tables reference which MU to use with a particular span length or angle.

The DCS is made up of two different but related categories, CU's and MU's. A CU consists of one stock item to several stock items which form a small assembly. An MU is a large assembly that is made up of CU's. CU-REF numbers and the MU-REF numbers relate to a particular drawing number or page number making CU's and MU's easier to find in the manual. The CU-REF numbers and the MU-REF number are also listed on each drawing.

A CU includes a generalized drawing of a part or small assembly. An MU is a collection of multiple CU's.