# SOUTHERN CALIFORNIA EDISON
## TRANSMISSION AND DISTRIBUTION

# Underground Structures Standards (UGS)

## 2017 THIRD QUARTER ISSUE
### July 28, 2017

***Note:*** *Please refer to the* ***on-line*** *version of this manual at SCE's Standards & Publications Web site to ensure information is current. Printed versions and downloaded versions are not updated, and may not contain the most current information and in-force guidance.*


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# Underground Structures Standards (UGS)

## Revision Summary

## 2017 Third Quarter Issue

**Effective Date: July 28, 2017**

## Overview

The main purpose of this revision summary is to describe notable revisions for the current quarter (Table RS–3). In addition, this revision summary provides:

- A list of the items in the revision package (Table RS–1)
- Links to Web sites giving instructions for ordering and printing additional copies of revision packages or complete manuals
- Contact information

***Note:*** *Some or all of the information in this revision summary may have been previously communicated to field personnel by other means.*

**Table RS–1: List of Items in Revision Package**

| Item | Description |
|---|---|
| 1 | Title Page |
| 2 | Revision Summary (this document) |
| 3 | SS 503: Pad for Surface-Mounted Voltage Regulator Poured in Field |
| 4 | SS 549: Chain Link Fence (Surface Mounted Equipment) |
| 5 | SS 599: Perimeter Walls for Pad-Mounted Equipment and Underground Structures |
| 6 | AC 750: Standpipe Vent Placement |

# Ordering Information

## *Southern California Edison Employees*

For instructions on ordering the manual through the Edison Portal, visit Transmission & Distribution > Standards and Publications, and click the appropriate link under “Place an Order.”

## *Non-Southern California Edison Employees*

For instructions on ordering the manual, visit www.sce.com/aboutsce/regulatory/distributionmanuals.

# Summary of Revisions

Standards-approved revisions are identified with **change bars** and can be “Admin” (Administrative), “New,” or “Technical” revisions. These three types of revisions are defined below in Table RS–2, followed by the revisions themselves in Table RS–3.

**Table RS–2: Definitions of Revision Types**

| Type | Definition |
|---|---|
| Admin | Admin revisions do not significantly affect design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. These revisions do not require Standards Review Team (SRT) or management approval; however, these revisions have been approved by other organizations as appropriate. Admin revisions may include updates to SAP numbers, updates to references, updates to standards for clarity, or deletions of outdated information. |
| New | Refers to a new standard. New technical standards require SRT and management approval. |
| Technical | Technical revisions are engineering changes to existing standards. These revisions affect the design, construction, maintenance or operation of the electrical distribution, substation, and transmission systems. These revisions require SRT and management approval. |
| Pilot | A Pilot is an in-field evaluation of a piece of equipment or work method, with the intention of approving for standardized use. Pilot standards will have a PILOT watermark so that they are easily identified throughout this manual |

**Table RS–3: UGS Manual Revisions**

| Standard | Sheet | Description | Type |
|---|---|---|---|
| SS 503 | ALL | Initial issue. New standard for the Pad for Surface Mounted Voltage Regulators. | New |
| SS 549 | ALL | Initial issue. New standard detailing chain link fence installations. | New |
| SS 599 | 1 | Updated contact group to reflect current responsible group. | Admin |
| AC 750 | 1 | Added statement on use of polyethylene standpipe vents when using automated equipment to Section 1.0. | Technical |

# Getting Help

## *Technical Revisions*

If you have any comments, corrections, questions, or suggestions concerning manual revisions, please contact the following individual at the numbers provided or click on a name to send an e-mail:

- Juan Castaneda (Mgr.) — PAX: 54782, Outside: (714) 895-0782
- Alaira Bilek — PAX: 54156, Outside: (714) 895-0156
- Jaimen Sanders — PAX: 54142, Outside: (714) 895-0142
- Alan Kasanow — PAX: 54733, Outside: (714) 895-0733
- Gabriel Mercado — PAX: 54198, Outside: (714) 895-0198

## *Address Corrections*

Send address changes to:

Southern California Edison
1 Innovation Way, Pomona
California 91768-2560

Bill Chiu
Director of Engineering

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