

**SOUTHERN CALIFORNIA EDISON
TRANSMISSION AND DISTRIBUTION BUSINESS UNIT**

**Underground Structures
Standards
(UGS)**

2012 — SECOND QUARTER ISSUE
April 27, 2012



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SOUTHERN CALIFORNIA EDISON
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Underground Structures Standards (UGS)

Revision Summary

2012—Second Quarter Issue

Effective Date: April 27, 2012

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 599: Perimeter Walls for Pad-Mounted Equipment and Underground Structures

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revisions may include updates to SAP numbers, updates to references, updates to standards for clarity, or deletions of outdated information.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.

Table RS–3: UGS Manual Revisions

Standard	Sheet	Description	Type
SS 599	2	Perimeter Walls for Pad-Mounted Equipment and Underground Structures Figure SS 599-1 was updated to reflect “24” or more.”	Admin

Getting Help

Technical Revisions

If you have any comments, corrections, questions, or suggestions concerning manual revisions, please contact one of the following individuals:

- Alaira Bilek — PAX: 54156, Outside: (714) 895-0156
- Ruben Rodriguez — PAX: 54733, Outside: (714) 895-0733

Address Corrections

Send address changes to:

Southern California Edison
1 Innovation Way, Pomona
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ATTN: Marcus Stelly



Kenneth Varnell
Engineering Director

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FC 608	30" x 48" Steel Pull Box Frame for Covers FC 606 (Steel Light — Traffic) — FC 618 (RPM Parkway)
FC 608.1	30" x 48" Steel Pull Box Frame
FC 612	36" x 60" Steel Pull Box Cover — Light Traffic (Two Piece)
FC 612.1	Fabricated 36" x 60" Steel Pull Box Cover for Light Traffic Installations (Two Piece)
FC 613	36" x 60" Steel Pull Box Cover — Parkway (Two Piece)
FC 613.1	36" x 60" Steel Pull Box Cover — Parkway (Two Piece)
FC 614	36" x 60" Steel Pull Box Frame for Covers UGS 612 (Steel Light — Traffic) — FC 618 (RPM Parkway)
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FC 618	Polymer Concrete (RPM) Pull Box Covers — Parkway
FC 618.1	Polymer Concrete (RPM) Pull Box Covers — Parkway
FC 619	Pull Box Cover and Frame: Manufacturers' and Material Codes
FC 619.1	Pull Box Cover and Frame: Manufacturers' and Material Codes
FC 620	27" and 30" Round Manhole Cover and Ring
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FC 621	30" Round Cast Iron Manhole Cover and Frame — HS-20 Loading
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FC 622	30" Round Polymer Concrete Manhole Cover and Cast Iron Frame — Parkway Loading
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FC 625	Concrete-Filled Manhole Cover
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FC 630	Frame and Cover (Fabricated) for 3' x 3' x 3' Residential Vault
FC 630.1	Frame and Cover (Fabricated) for 3' x 3' x 3' Residential Vault
FC 631	Frame and Cover (Fabricated) for 3' x 4'-1/2" x 3' Residential Vault
FC 631.1	Frame and Cover (Fabricated) for 3' x 4'-1/2" x 3' Residential Vault
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FC 641	48" x 60" Precast Concrete Vault Cover (Traffic-Type)
FC 641.1	48" x 60" Precast Concrete Vault Cover (Traffic-Type)
FC 642	5" x 8" Two Piece — Vault Cover (Traffic-Type)
FC 642.1	5" x 8" Two Piece — Vault Cover (Traffic-Type)
FC 643	6' x 8' Two Piece — Vault Cover — H-20 Loading
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FC 644	5'-6" x 8'-0" Vault Frame — Traffic
FC 644.1	5'-6" x 8'-0" Vault Frame — Traffic
FC 650	Slab Cover Details — Pouring and Framing
FC 650.1	Slab Cover Details — Pouring and Framing
FC 655	5'-6" x 8'-0" Two Piece Slab Cover with 27" Manhole Casting-Method of Installation in Existing Vault
FC 655.1	5'-6" x 8'-0" Two Piece Slab Cover with 27" Manhole Casting-Method of Installation in Existing Vault
FC 660	4' x 5' Precast Concrete Vault Cover (Traffic Type)
FC 660.1	4' x 5' Precast Concrete Vault Cover (Traffic Type)
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FC 680.1	Replacement of Deteriorated Concrete Vault Covers
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