

| Standard         | Revision Description   |
|------------------|--|
| All of Section 7 | Any standards not listed below, there was no data change. Reformatted in the new drafting tool and republished.  |
| 07 00 01 01      | Title changed to "Standard Conductor Data"   |
|                  | All standard conductor data can now be found in this standard.   |
|                  | Temperatures and ampacities for standard conductor brought from 07 00 01 03.                                     |
|                  | Non Standard Conductor Data removed  |
| 07 00 01 03      | Title changed to "Non Standard Conductor Data"   |
|                  | All non-standard conductor data can now be found in this standard.   |
|                  | Data for non-standard conductor brought from 07 00 01 01.  |
|                  | Standard Conductor Data removed  |
| 07 00 01 05      | New standard for standard T2 conductors. This includes conductor data, temperatures, ampacities, and connectors. |
| 07 00 07 02      | REMOVED: Added as Sheet 2 in 07 00 07 03   |
| 07 00 07 03      | New sheet 2 added to standard, previously 07 00 07 02.   |
|                  | T2 4/0 Sag Tension Table(s): Updated sag values for initial stringing tables for 100ft and 150ft RS tables       |
| 07 00 07 04      | Added Design Note 3: Note for automatic splice guidance  |
|                  | Added Design Note 4: Note defining a highway   |
| 07 00 07 05      | Added Design Note 1: Clarification on new ADSS installation  |
|                  | Added Table 3: 72-ct. ADSS properties  |
| 07 00 07 06      | Added Design Note 1: Clarification on loading conditions and referenced section 07 00 07 03                      |
| 07 00 09 01      | Title changed to "Standard Conductor Material Reference"   |
|                  | Nonstandard conductor hardware moved to 07 00 09 02  |
|                  | Added Construction Note for automatic splice guidance  |
|                  | Added Construction Note defining a highway   |
|                  | Added Construction Note for splice guidance  |
| 07 00 09 02      | Title changed to "Non-Standard Conductor Material Reference"   |
|                  | Standard conductor hardware moved to 07 00 09 01   |
|                  | Added Construction Note for automatic splice guidance  |
|                  | Added Construction Note defining a highway   |
|                  | Added Construction Note for splice guidance  |
| 07 00 11 00      | DOJM information removed   |
|                  | Added Construction Note for automatic splice guidance  |
|                  | Added Construction Note defining a highway   |
| 07 00 14 00      | Updated values for spoilers per span length in Table 1   |
| 07 00 18 00      | REMOVED: Added to 07 00 20 00  |
| 07 00 20 00      | Information from 07 00 18 00 added to this standard  |
|                  | Max angle clarification added for each clamp   |
|                  | DOJM information removed   |
| 07 00 21 00      | DOJM information removed   |
| 07 00 25 00      | DOJM information removed   |
| 07 00 30 00      | DOJM information removed   |
| 07 00 41 00      | DOJM information removed   |
| 07 00 80 00      | DOJM information removed   |
| 07 00 81 00      | DOJM information removed   |

| Standard          | Revision Description  |
|-------------------|---|
| All of Section 11 | Any standards not listed below, there was no data change. Reformatted in the new drafting tool and republished.                                   |
| 11 00 01 01       | Added requirements for OPGW transition coils and information for orange guy markers to sheet 4.   |
| 11 00 02 01       | Clarified the guy insulator placement drawings and removed the note reference to the use of porcelain guy strain insulators.                      |
| 11 00 02 03       | Added allowed clearance to communication cable on the Clearance Table on page 1.  |
|                   | Added new design notes 8 and 9 allowing reduced clearance from communications and 600V Cable if abrasion protection is added.                     |
| 11 00 03 01       | Moved to limited use/maintenance only on the Standards SharePoint site.   |
| 11 00 04 02       | Moved to limited use/maintenance only on the Standards SharePoint site.   |
| 11 00 40 **       | Removed porcelain insulator standards (01, 02, and 03).   |
| 11 00 41 **       | Added new construction note 3 regarding separating multiple guy attachments on a pole by a minimum of 12".  |
|                   | Added new construction note 4 allowing locations of preformed and automatic guy grips to be reversed for 3/8" and 7/16" down guys.                |
|                   | Added orange guy marker option to the BOM.  |
| 11 00 42 **       | Added DCS 11 00 02 02 reference to construction note 1.   |
|                   | Added orange guy marker option to the BOM.  |
| 11 00 43 **       | Added DCS 11 00 02 02 reference to construction note 1.   |
|                   | Added orange guy marker option to the BOM.  |
| 11 00 44 00       | Added construction note 1 that references DCS 11 00 01 01 for addition of FG guy span insulators as required.                                     |
| 11 00 46 **       | Revised construction note 2 indicating to install guy hook upside down when there is uplift on the guy to pole attachment.                        |
| 11 00 48 **       | Modified configuration drawing and associated materials to allow for FG guy span insulators at both the crossarm and pole attachments.            |
|                   | Revised BOM to include materials for both ends of the crossarm (instead of having to order two).  |
|                   | Replaced old note 1 with new design note 1 explaining application of this DCS.  |
|                   | Replaced old note 2 with new design note 2 to add insulators if needed.   |
|                   | Added new design note 3 to indicate 1/4" guy wire is not to be used in Illinois.  |
| 11 00 49 **       | Modified configuration drawing and associated materials to allow for FG guy span  |
|                   | Added new construction note 1 to use 88" FG insulators if communications is below   |
|                   | Added construction note 2 to install guy hook upside down when there is uplift on the guy to pole attachment.                                     |
| 11 00 56 **       | Added drawing captions to clarify the application of of each drawing.   |
| 11 00 60 **       | Added 07 standard for 10" x 12" double helix anchor.  |
|                   | Added to construction note 2 that helix of anchor must be a minimum of 5' deep.   |
|                   | Added stock # 23 59 132 reference (triple eye nut for 3/4" and 1" round anchor rods) to construction note 4.                                      |
|                   | Added Construction Note 8 that square shaft anchors must be used for 34.5kV and 69kV structures in Illinois.                                      |
| 11 00 62 00       | Removed note regarding Rated Tensile Strength of rod as it pertains to Breaking Load in the table. This note was deemed confusing and not useful. |

| Standard          | Revision Description  |
|-------------------|---|
| All of Section 13 | Any standards not listed below, there was no data change. Reformatted in the new drafting tool and republished.   |
| 13 00 01 02       | Updated the tables to reflect current approved stock numbers. Added design notes to each table to clarify the taps for each stock code.                                       |
| 13 00 06 08       | Added construction note 5 regarding communication grounding.  |
|                   | Added "and be buried a minimum of 18 inches deep to the ground rod" to construction note 2.   |
| 13 00 07 04       | Clarified tank to pole ground connections.  |
|                   | Added construction note 3 regarding variation of transformer secondary bushings   |
|                   | Added construction note 5 regarding additive and subtractive polarity.  |
| 13 00 07 08       | Clarified drawing with respect to use of Bond "B" and Tie "T" when a common system neutral is not present.  |
|                   | Modified construction note 3 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings. |
| 13 00 07 09       | Modified construction note 3 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings. |
| 13 00 07 10       | Added a new sheet with a new drawing showing two additive and one subtractive polarity transformers.  |
|                   | Modified construction note 4 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings. |
| 13 00 07 11       | Associated construction note 4 with Bond "B" and Tie "T" in the drawings.   |
|                   | Modified construction note 3 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings  |
|                   | Modified Construction Note 4 to clarify separation of primary arrester and secondary neutral grounds when required.   |
| 13 00 07 12       | Added "Power" and "Lighting" transformer labels to the drawing.   |
|                   | Associated Construction Note 4 with Bond "B" and Tie "T" in the drawing.  |
|                   | Modified Construction Note 3 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings  |
|                   | Modified Construction Note 4 to clarify separation of primary arrester and secondary neutral grounds when required.   |
| 13 00 07 13       | Modified Construction Note 7 to reference 240V corner grounded delta secondary.   |
|                   | Added "Power" and "Lighting" transformer labels to the drawing.   |
|                   | Modified Construction Note 3 to clarify that 100 kVA and smaller transformers have three secondary bushings and 167 kVA and larger transformers have four secondary bushings  |
| 13 01 04 **       | Modified Construction Note 6 to reference 240V corner grounded delta secondary.   |
|                   | Modified drawings to show three-position extension racks.   |
| 13 01 07 00       | Added new Construction Note 5 regarding use of PG clamps on aluminum secondary.   |
| 13 04 14 01       | Moved to "Limited Use" on the Standards SharePoint site.  |
| 13 04 21 01       | Moved to "Limited Use" on the Standards SharePoint site.  |
| 13 04 50 01       | Moved to "Limited Use" on the Standards SharePoint site.  |
| 13 04 54 01       | Moved to "Limited Use" on the Standards SharePoint site.  |
| 13 04 58 02       | Added reference to ground clearance for the platform.   |
|                   | Added Design Note 5 regarding clearance requirements for platform.  |
| 13 12 00 **       | New standard replacing DCS 13 12 00 01. Split into 01 and 02 standards based on transformer size.   |
| 13 12 00 01       | Deleted. Replaced by DCS 13 12 00 **.   |

| Standard    | Revision Description   |
|-------------|--|
| 13 12 00 10 | Deleted. Replaced by DCS 13 12 05 **.  |
| 13 12 05 ** | New standard for single-phase delta system transformer installation. This standard replaces 13 12 00 10. Includes 01 and 02 standards based on transformer size. |
| 13 12 07 ** | New standard for single-phase deadend transformer installation.  |
| 13 12 10 ** | Changed title to reference "L" Corner only. Deadend is now in new DCS 13 12 07 **.   |
| 13 12 14 ** | Modified Construction Note 1 to indicate fused switch as well as transformer can be rotated on pole as needed.   |
|             | Modified Construction Note 5 with reference to DCS 12 12 05 ** as option for alternate arrester location.  |
| 13 12 21 ** | Changed from DCS 13 12 21 02 to 13 12 21 **. Includes 01 and 02 standards based on size of transformer.  |
|             | Moved fused switch from phase arm to cutout bracket below phase arm.   |
|             | Changed riser wire support to vice-top insulator.  |
| 13 12 34 ** | Removed alternate arrester location drawing.   |
|             | Reduce spacing of lowest phase to fused switch bracket by 6".  |
|             | Added new Construction Note 2 regarding rotating transformer and fused switch on pole as needed.   |
| 13 12 48 ** | Revised all drawings to show standard vertical single-phase configuration instead of horizontal.   |
|             | Changed to two sets of drawings, Sheet 1 for 2.4 kV source and Sheet 2 for 7.2 kV source.  |
|             | Clarified subtractive and additive polarity transformers in Construction Note 3.   |
| 13 12 54 ** | Changed from DCS 13 12 54 04 to 13 12 54 **. Includes 01, 02, 03, and 04 standards based on size of transformer.   |
|             | Added new Construction Note 8 regarding secondary support configuration options.   |
|             | Added Design Note 12 regarding fused switch drop arm selection criteria.   |
| 13 12 56 02 | Deleted - materials and configuration are same as DCS 13 12 54 04.   |
| 13 12 58 02 | Updated pedestrian area clearance from 11' to 9'.  |
|             | Changed to vice-type bus support insulators.   |
|             | Added new Construction Note 4 regarding allowed dimension reductions   |
|             | Added new Construction Note 6 regarding optional service take-off (removed from drawing).  |
| 13 12 75 02 | Added Design Note 11 regarding minimum ground clearance to bottom of platform.   |
|             | Changed title including updating weight bearing capability of cluster mount  |
|             | Changed to 10' fused switch drop arm.  |
|             | Changed to show 3-insulator 3-phase and 1-phase secondary extension racks.   |
|             | Added new Construction Note 2 regarding mounting 3-phase XFMR in center position of cluster mount.   |
|             | Added Design Note 9 regarding use of FG fused switch drop arm.   |
| 13 12 80 ** | Added Design Note 10 regarding basis of total weight limit for this DCS.   |
|             | Added Design Note 11 regarding application of this DCS.  |
|             | Removed "Limited Use" watermark.   |
|             | Changed from 1-pin 4 insulator secondary rack to combination of 3- and 1- insulator extension racks.   |
|             | Added new Construction Note 6 regarding neutral ground straps and secondary wiring.  |
| 13 12 80 ** | Added reference to DCS 03 01 20 03 and 06 01 07 02 to Construction Note 1.   |
|             | Added new Construction Note 6 regarding neutral ground straps and secondary wiring.  |

| Standard    | Revision Description   |
|-------------|--|
|             | Added reference to "Limited Use" DCS 13 04 54 01 to new Construction Note 7 (old Note 10).   |
| 13 12 81 ** | Changed from 1-pin 4 insulator secondary rack to combination of 3- and 1- insulator extension racks.   |
|             | Added new Construction Note 6 with sketch for Open-Wye to Open-Delta connections.  |
|             | Added reference to "Limited Use" DCS 13 04 54 01 to Construction Note 5 (old Note 10).   |
|             | Added new Construction Note 7 ground strap and secondary wiring.   |
|             | Added new Design Note 10 regarding use of FG fused switch drop arm.  |
|             | Added new Design Note 11 regarding arresters for 14.4 kV transformers.   |
| 13 12 82 ** | Changed to show only three arresters as per DCS wiring diagrams.<br>Changed from 1-pin 4 insulator rack to combination of 3- and 1- insulator extension racks. |
|             | Added reference to DCS 03 01 20 03 and 06 01 07 02 to Construction Note 1 (old Note 2).  |
|             | Added new Construction Note 6 with sketch for Open-Delta to Open-Delta connections.  |
|             | Added new Construction Note 7 ground strap and secondary wiring.   |
|             | Added new Construction Note 8 regarding separating arrester and secondary grounds when required.   |
|             | Added reference to "Limited Use" DCS 13 04 54 01 to Construction Note 5 (old Note 11).   |
| 13 12 82 ** | Added new Design Note 11 regarding use of FG arms on subtransmission structures.   |
| 13 34 01 ** | Removed "Limited Use" water mark.  |
|             | Reduced spacing from phase arm to fused switch drop arm to 48".  |
|             | Eliminated stand-offs for static pole ground.  |
|             | Clarified to show one tank ground connected to the system neutral and one tank ground connected to the transformer pole ground.                                |
|             | Added bonding of separate transformer and static pole grounds to drawing.  |
| 13 34 02 ** | Reduced spacing from phase arm to fused switch drop arm to 48".  |
|             | Eliminated stand-offs for static pole ground.  |
|             | Clarified to show transformer pole ground connected to the neutral and tank ground connected to the transformer pole ground.                                   |
|             | Added bonding of separate transformer and static pole grounds to drawing.  |
|             | Changed 01 standard to be for installations using 27 kV fused switch (formerly was for QK0010G transformer installation).                                      |
|             | Changed 02 standard to be for installations using 34 kV SMD-20 fused switch (formerly was for QAxxxxF transformer installations).                              |

| Standard    | Revision Description                            | Reason for Change   |
|-------------|---|---|
| 34 21 10 01 | New Standard - Box Pad for Airbreak Switchgear. | Original standard 53 11 05 ** was too long. It was split in four focused standards. Data did not change.                                |
| 34 21 11 ** | New Standard - Pad for 15kV S&C Vista.          | This was done to focus the standard on the equipment and place the pad with the other pad standards in section 34. Data did not change. |

| Standard          | Revision Description                         | Reason for Change   |
|-------------------|--|---|
| All of Section 43 | No Data Change. Reformated and Replublished. | Updating the section to the new drafting tool and format. |
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| Standard          | Revision Description   | Reason for Change   |
|-------------------|--|---|
| All of Section 53 | Any standards not listed below, there was no data change. Reformatted and republished. | Updating the section to the new drafting tool and format.   |
| 53 11 01 **       | New Standard - 15kV Manual Airbreak Switchgear   | Original standard 53 11 05 ** was too long. It was split in four focused standards. Data did not change.                                |
| 53 11 02 **       | New Standard - 15kV Remote Supv Control Airbreak Switchgear                            | Original standard 53 11 05 ** was too long. It was split in four focused standards. Data did not change.                                |
| 53 11 04 **       | Moved to Limited Use/Maintenance Only  |   |
| 53 11 05 01       | New Standard - 15kV S&C Vista Switchgear   | New switchgear.   |
| 53 11 06 **       | Removed the pad from this standard. Moved to new standard 34 21 11 **.                 | This was done to focus the standard on the equipment and place the pad with the other pad standards in section 34. Data did not change. |
| 53 11 10 01       | New Standard - Fuse Installation and Replacement Guide                                 | Original standard 53 11 05 ** was too long. It was split in four focused standards. Data did not change.                                |