Changes to the Technical List of Materials

October 27, 2026

1. Pages z-1, z-6, z-7
    a. Renewed Powerline Hardware(Hobb) (10/2026 – 10/2027).

October 21, 2026

1. Pages a-1, a-1.1, k-1, k-1.1, af-1, cm-1, ea-1
    a. Renewed Powerline Hardware (10/2026 – 10/2027).

October 14, 2026

1. Page d-1
    a. Added Line Hardware Inc. (10/2026 – 10/2027).

October 13, 2026

1. Page b-1
    a. Added Line Hardware Inc. (10/2026 – 10/2027).
2. Page br-1
    a. Added Line Hardware Inc. (10/2026 – 10/2027).

October 7, 2026

1. Page l-2
    a. Added Line Hardware Inc. (10/2026 – 10/2027)
2. Page q-1
    a. Added Line Hardware Inc. (10/2026 – 10/2027).

October 5, 2026

1. Page bs-1
    a. Added Line Hardware Inc. (10/2026 -10/2027).
2. Page aa, ab
    a. Added Line Hardware Inc. (10/2026 – 10/2027).

September 8, 2026

1. Pages av-1, av-5, av-6, Uhv-3
    a. Renewed Coreal (9/2026 – 9/2027).

August 26, 2026

1. Page j-1

a. Added Line Hardware (8/2026 – 8/2027).

2. Page ft-1
    a. Added Line Hardware (8/2026 – 8/2027).

July 2, 2026

1. Page y-1
    a. Renewed 4S Products (7/2026 – 7/2027).

July 1, 2026

1. Pages ai-1, ai-2, ai-4
    a. Renewed Powerline Hardware (Hobb) (7/2026 – 7/2027).

June 30, 2026

1. Pages s-1, w-1, aj-1, ap-2, bh-1
    a. Renewed Powerline Hardware (Hobb) (6/2026 -6/2027).

June 26, 2026

1. Page ai-4
    a. Added Premier Grounding Products (6/2026 – 6/2027).

June 17, 2026

1. Page n-1
    a. Added Emerys (6/2026 – 6/2027).

June 15, 2026

1. Pages c-1, n-1, o-1, aa, ab, ba-1
    a. Added JSC (6/2026 – 6/2027).

2. Page c-1
    a. Added Emerys (6/2026 – 6/2027).

June 11, 2026

1. Page av-5
    a. Renewed Sierra Cables (6/2026 – 6/2027).

May 27, 2026

1. Page y-1
    a. Renewed Has Celik 5/2026 – 5/2027.

May 26, 2026

1. Pages b-1, b-2, f-1, f-3
    a. Renewed Hobb Int (PLH) 5/2026 -5/2027.

April 22, 2026

1. Pages av-1, av-6, av(1), av(5)
    a. Renewed Apar Industries (4/2026 – 4/2027).

April 15, 2026

1. Pages b, c, d, f, i, l, n, o, q, s, u, v, w, x, aa, ab, ao, as, aw, ba, bh, bj, bo, br, bs, bx, ci, cs, cz, da, eb, ej, ek, ft
    a. Renewed GPP Solutions (4/2026 – 4/2027)

April 13, 2026

1. Pages ai-1, ai-3, ai-4, ai-5
    a. Renewed Kopell (4/2026 – 4/2027)
2. Pages av-1, av-6, av(5), av(6),
    a. Added Priority Wire & Cable (Wiremaster) (4/2026 – 4/2027).
3. Pages u-2, u-3, ah-1, bv-1, by-1, cx-1, dt-1
    a. Renewed Mosdorfer (4/2026 – 4/2027).

April 9, 2026

1. Pages av-1, av-4, av-5av-6, av(5), av(6), Uhv-2, Uhv-3, Uhv-4
    a. Added Priority Wire & Cable (Wiremaster) (4/2026-4/2027)

April 7, 2026

1. Removed all expired Technical Acceptance.

March 25, 2026

1. Page k-2
    a. Added Newell (3/2026 – 3/2027).

February 11, 2026

1. Page an-1
    a. Added Romagnole (2/2026 – 2/2027).

February 10, 2026

1. Page ap-2
    a. Correction to Connector Manufacturing Company catalog numbers
        i. HLA400 and HLA400T

January 15, 2026

1. Pages Uhb-1, Uhb-2, Uhp-1
    a. Added Vanguard Electric, LLC (1/2026 – 1/2027)

January 14, 2026

1. Pages c-1, d-1, n-1, o-1, u-1, x-1, aa, ab, ai-1, ai-2
    a. Renewed Powerline Hardware (Hobb) (1/2026 – 1/2027)

December 12, 2025

1. Pages av-1, av-6
    a. Renewed and updated Sterlite (12/2025 – 12/2026)

November 19, 2025

1. Pages a-1, a-1.1, cm-1, ea-1
    a. Renewed Vanguard (11/2025 – 11/2026).

August 25, 2025

1. Pages c-1, f-1, i-1, n-1, o-1, aa
    a. Renewed Aluma-Form (8/2025 – 8/2026).

August 18, 2025

1. Pages av-6, av(1), av(6).
    a. Added Priority Wire and Cable (Xiantong) (8/2025 – 8/2026).

August 15, 2025

1. Pages a-1, a-1.1, k-1, k-1.1, cm-1, ea-1
    a. Renewed Newell-PSN (Aug 2025 – Aug 2026).
    b. Renewed Newell-PSN (Mustang Electric Power Products, Inc.) (Aug 2025 – Aug 2026).

August 13, 2025

1. Pages z-1, z-6, z-7
    a. Renewed Powerline Hardware (Hobb) (8/2025 – 8/2026).

August 12, 2025

1. Page d-2
    a. Added Allied Bolt (8/2025 – 8/2026).

August 5, 2025

1. Pages a-1, a-1.1, k-1, k-1.1, k-2, cm-1, aa, ab, cu-1, ea-1, gj-1
    a. Renewed Technical Acceptance for Hubbell (8/2025 – 8/2026).
    b. Renewed Technical Acceptance for Powerline Hardware (8/2025 – 8/2026).

August 4, 2025

1. Pages c-1, f-1
    a. Renewed Technical Acceptance for Hubbell (8/2025 – 8/2026).

July 30, 2025

1. Pages av-1, av-6
    a. Renewed Technical Acceptance for JSK (7/2025 – 7/2026).

July 10, 2025

1. Page y-1
    a. Added 4S Products (7/2025 – 7/2026).

June 30, 2025

2. Pages av-1, av-5, av-6, Uhv-3
    a. Renewed Coreal (6/2025 – 6/2026).

3. Pages s-1, bh-1
    a. Renewed Powerline Hardware (6/2025 – 6/2026).

4. Pages y-2, ai-1, ai-3, ai-4, ai-5
    a. Renewed Coppersteel Bimetalicos (6/2025 – 6/2026).
    b. Renewed Intelli (6/2025 – 6/2026).

June 24, 2025

1. Page b-1
    a. Corrected catalog numbers for GPP (6/2025 – 6/2026).

June 20, 2025

1. Pages m-3, av(5), av(5.1), bv-1,
    a. Updated Shanghai Silin (6/2025 – 6/2026).
    b. Added Hubbell (6/2025 – 6/2026)

June 12, 2025

1. Pages b-1, f-1
    a. Added additional catalog numbers for GPP Solutions (6/2025 – 6/2026).

i. P25 l79, P25179Z, U203Z, U204Z, U207Z, U607Z, U647Z.

2. Pages w-1, aj-1, ap-2
    a. Renewed Technical Acceptance for Powerline Hardware (6/2025 – 6/2026).

June 5, 2025

1. Page y-1
    a. Renewed Hascelik (6/2025 – 6/2026)

May 5, 2025

1. Pages av-1, av-6, av(1), av(5)
    a. Renewed Apar Industries Ltd. (5/2025 – 5/2026)

TECHNICAL
LIST OF MATERIALS
Acceptable for Use on Systems of USDA Rural Development Electrification Borrowers

United States Department of Agriculture
Rural Development Utilities Programs
Electric Programs

Current as of October 27, 2026

DISCLAIMER

Every effort has been made to ensure the accuracy of this document. However, in case of discrepancies, records of Technical Standards Committee “A" are the authoritative source.

PREFACE

This list supersedes all preceding issues including revisions. Revised sheets reflecting changes in the list will be issued quarterly and should be inserted in order to keep your copy up to date.

The items shown in this publication include material and equipment for transmission and distribution facilities. Items not listed include office equipment, tools and work equipment, items of electric general plant and consumer owned wiring facilities. The listings apply only to new items of material and equipment and not to used items.

In addition to items accepted on a general basis, this list also includes items accepted on a conditional basis. As one of the conditions in the acceptance of an item on a conditional basis, contractors are required to obtain the borrower's concurrence prior to its use.

The inclusion of an item in this list does not indicate that item's manufacturer or its principals have not been debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded pursuant to Executive Order 12549, Debarment or Suspension, or any rules or regulations issued thereunder, including 7 CFR Part 3017 ("Debarment Regulations"). Therefore, borrowers must comply with the requirements imposed by the Debarment Regulations before entering into any "covered transaction", as defined by 7 CFR Part 3017, involving any item on this list.

The acceptance of an additional item or the deletion of an existing item is a function of the Technical Standards Committees. Any manufacturer desiring to have a new item placed on the list, or any user believing an existing item should be removed from the list, is invited to submit the matter to the Committees. Any communication calling attention to an error or omission in the list, such as a wrong catalog number, an obsolete item, etc., will be appreciated. All communications should be addressed to Technical Standards Committee "A" (Electric), USDA Rural Development Utilities Programs, Stop 1569, Washington, D. C. 20250-1569.

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Technical List
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October 21, 2026

a – Insulator, pin type

Technical Acceptance Period	Origin Country	Manufacturer	ANSI Class: 55-2	55-3	55-4	55-5	55-6
8/2025 – 8/2026	China	Newell-PSN, LLC	2355520	2355530	2355540		
8/2025 – 8/2026	China	Newell-PSN, LLC (Mustang Electric Power Products, Inc.)	-	PIP553	PIP554	-	-
10/2026 – 10/2027	India	Powerline Hardware	P55-2GR	P55-3GR	P55-4GR		
11/2025 – 11/2026	China	Vanguard Electric, LLC	55-2 SG1	55-3 SG1	55-4 SG1	55-5 SG1	55-6 SG1

Technical List
a-1.1
October 21, 2026

a – Insulator, pin type

		ANSI Class:	56-1	56-3	56-4
Technical Acceptance Period	Origin Country	Manufacturer			
8/2025 – 8/2026	China	Newell-PSN, LLC	2365610	2365630	-
8/2025 – 8/2026	China	Newell-PSN, LLC (Mustang Electric Power Products, Inc.)	PIP561	-	-
10/2026 – 10/2027	India	Powerline Hardware	P56-1GR	P56-3GR	P56-4GR
11/2025 – 11/2026	China	Vanguard Electric, LLC	5601SG1	5603SG1	5604SG1

b – Pin, pole top, steel

DISTRIBUTION

Technical Acceptance Period	Origin Country		12.5/7.2 or 13.2/7.62 kV	24.9/14.4 kV
		Pin length, inches:	20	20
		Thread diameter, inches:	1	1-3/8
		Hole spacing, inches:	8	8
		RUS Specification:	D-3	DT-3
6/2025 – 6/2026	China	GPP Solutions	U740, U740Z	U720, U720Z
5/2026 – 5/2027	India	Hobb Int (PLH)	P720, P720Z	P740, P740Z
		Pins listed below have 4-1/2” offset which eliminates the use of Item cs		
5/2026 – 5/2027	India	Hobb Int (PLH)	-	P25179, P25179Z
4/2026 – 4/2027	China	GPP Solutions	-	U25179, U25179-1 U25179Z, U25179-1Z

NOTE:
1. Flared type pins may be mounted with either side against the pole.

b – Pin, pole-top
(Non-lead threads)

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Numbers
5/2026 – 5/2027	India	Hobb Int (PLH)	P720Z, P740Z, P25179Z
10/2026 – 10/2027	China	Line Hardware Inc.	PTPO-212A

Technical List
c-1
June 15, 2026

c – Bolt, machine

Applicable Specification: ANSI C135.1, “Standards for Galvanized Steel Bolts and Nuts” except that the lengths are in the ranges given below.

Applicable Sizes:
1/2-inch diameter, 6 through 10-inch length
5/8-inch diameter, 6 through 24-inch length
3/4-inch diameter, 6 through 26-inch length
7/8-inch diameter, 6 through 28-inch length

The following manufacturers have shown compliance with the applicable specifications for machine bolts:

Technical Acceptance Period	Origin Country	Manufacturer
8/2025 – 8/2026	China	Aluma-Form
1/2026 – 1/2027	India	Powerline Hardware (Hobb)
8/2025 – 8/2026	China	Hubbell Power Systems
4/2026 – 4/2027	China	GPP Solutions
6/2026 – 6/2027	India	Emerys
6/2026 – 6/2027	India & Vietnam	JSC

* “Static proof” design available.

Technical List
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October 14, 2026

d – Washers, Flat

Flat Rolled Steel

Technical Acceptance Period	Origin Country	Manufacturer	Size, inches: 2-1/4 x 2-1/4 Thickness, in.: 3/16 Hole Diam., in.: 13/16	Size, inches: 3 x 3 Thickness, in.: 1/4 Hole Diam., in.: 13/16	Size, inches: 4 x 4 Thickness, in.: 3/16 Hole Diam., in.: 13/16	Size, inches: 4 x 4 Thickness, in.: 1/2 Hole Diam., in.: 13/16	Size, inches: 1-3/8 round Thickness, in.: 12 gauge Hole Diam., in.: 9/16	Size, inches: 1-3/4 round Thickness, in.: 10 gauge Hole Diam., in.: 11/16
1/2026 – 1/2027	India	Powerline Hardware (Hobb)	P1076	P1079	-	-	P1086	-
4/2026 – 4/2027	China	GPP Solutions	U1076	U1079	U1080	U1081	U1086	U1088
10/2026 – 10/2027	China	Line Hardware Inc.					RW-12	RW-58

Flat Cast

Technical Acceptance Period	Manufacturer	Size, inches: 3 x 3 Thickness, in.: ¼ Hole Diam., in.: 13/16

Spurred

Technical Acceptance Period	Manufacturer	Size, inches: 3” Thickness, in.: 3/16” Hole Diam., in.: 13/16”

(A) Aluminum Alloy (M) Malleable Iron (N) Nodular Iron

d – Washers, Curved

Curved Cast

Technical Acceptance Period	Origin Country	Size, inches: / Thickness, in.: / Hole Diam., in.:	2-1/4 x 2-1/4 1/4 11/16	3 x 3 5/16 11/16	3 x 4 7/16 15/16	4 x 4 1/2 13/16
8/2025 – 8/2026	India	Allied Bolt	2870	2871	2881	2873

(A) Aluminum Alloy (M) Malleable Iron (N) Nodular Iron

Curved Rolled Steel

Technical Acceptance Period	Origin Country	Size, inches: / Thickness, in.: / Hole Diam., in.:	2-1/4 x 2-1/4 1/4 11/16	3 x 3 5/16 11/16	3 x 4 7/16 15/16	4 x 4 1/2 13/16	4 x 4 (1) 1/4 15/16
1/2026 – 1/2027	India	Powerline Hardware (Hobb)					P6829
8/2025 – 8/2026	India	Allied Bolt	11552	244			228

1. To be used only on transmission systems.

Technical List
f-1
May 26, 2026

f – Pin, Crossarm
(With square washer, nut and MF locknut)

DISTRIBUTION

Technical Acceptance Period	Origin Country		Thread (inches diam.)	1	1-3/8	1	1-3/8
			Length above base (in.)	5	7	5	7
			Length below base (in.)	5-3/4	7	1-1/2	1-3/4
			Shank (inches diam.)	5/8	5/8	5/8	3/4
				Long Shank		Short Shank	
4/2026 – 4/2027	China	GPP Solutions		U203Z U204Z U607Z	U647 U207Z U647Z	U222Z	
8/2025 – 8/2026	China	Aluma-Form		AF203	AF647	-	-
5/2026 – 5/2027	India	Hobb Int (PLH)		P203, P203Z	P647, P647Z	P221, P221Z	-

Clamp Type Pin

Technical Acceptance Period	Origin Country		Thread (inches diam.)	1	1-3/8
			Length above base (in.)	5-3/4	7
4/2026 – 4/2027	China	GPP Solutions		U3322Z	U3324Z
8/2025 – 8/2026	China	Hubbell Power Systems, Inc.		14322P	14321P
5/2026 - 5/2027	India	Hobb Int (PLH)		P3322, P3322Z	P3324, P3324Z

Washer Plate for Clamp Type Pin

These plates are equipped with lugs to prevent slippage of pin along Crossarm. They may be used to replace the bottom plate on pins already installed.

Technical
Acceptance Period

f – Pin, crossarm
(Non-lead threads)
(With square washer, nut and MF locknut)

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Numbers
5/2026 – 5/2027	India	Hobb (PLH)	P203Z, P221Z, P647Z, P3322Z, P3324Z

i – Bolt, carriage

Applicable Specification: ANSI C135.1, “Standard for Galvanized Steel Bolts and Nuts.”

Applicable Sizes: 3/8 inch diameter, 3 through 6 inch length
1/2 inch diameter, 3 through 6 inch length

The following manufacturers have shown compliance with the applicable specifications for carriage bolts.

Technical Acceptance Period	Origin Country	Manufacturer
8/2025 – 8/2026	China	Aluma-Form
4/2026 – 4/2027	China	GPP Solutions

j – Screw, lag

Applicable Specifications: ANSI C135.3 “Standard for Zinc Coated Ferrous Lag Screws”

Applicable Sizes:
1/2 inch diameter, 4 inch length
1/2 inch diameter, 5 inch length
5/8 inch diameter, 4 inch length
5/8 inch diameter, 5 inch length

The following manufacturers have shown compliance with the applicable specifications for lag screws:

Technical Acceptance Period	Origin Country	Manufacturer
8/2026 – 8/2027	China	Line Hardware

Technical List
k-1
October 21, 2026

k – Insulators, suspension

ANSI Class Type	52-9A Clevis	52-1 Clevis	52-4 Clevis	52-3 Ball & Socket
Disc Diameter	4-1/4”	6”	9” or 9-1/2”	9” or 9-1/2”
M & E Rating, lbs.	10,000	10,000	15,000	15,000
Leakage	6-3/4”	7”	11-1/2”	11-1/2”
Flashover,kV: Dry	60	60	80	80
Flashover, kV: Wet	30	30	50	50
NOTES	(3) (4)	(3) (4)	(5)	(2)

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number			
8/2025 – 8/2026	China	Newell-PSN, LLC	2325290	2325210	-	-
10/2026 – 10/2027	China	Powerline Hardware	-	P52-1G	P52-4G	P52-3G

Notes:
* zinc sleeve
(1) Use two for 24.9/14.4 kV deadends.
(2) To be used only on transmission lines.
(3) To be used only on distribution lines.
(4) Use two insulators for 12.5/7.2 kV deadends and three for 24.9/14.4 kV deadends.
(5) Use two insulators for 24.9/14.4 kV deadends.

Technical List
k-1.1
October 21, 2026

k – Insulators, suspension

ANSIClass Type	52-3 Ball & Socket	52-4 Clevis	52-5 Ball & Socket	52-6 Clevis
Disc Diameter	10”	10”	10”	10”
M & E Rating,lbs.	15,000	15,000	25,000	25,000
Leakage	11-1/2”	11-1/2”	11”	11”
Flashover;kV: Dry	80	80	80	80
Flashover,kV:Wet	50	50	50	50
NOTES	(2)	(1)	(2)	-

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number			
8/2025 – 8/2026	China	Newell-PSN, LLC	2325230	2325240	2325250	2325260
10/2026 – 10/2027	China	Powerline Hardware	P52-3G	P52-4G	-	-

Notes:

* zinc sleeve
(1) Use two for 24.9/14.4 kV deadends.
(2) To be used only on transmission lines.
(3) To be used only on distribution lines.
(4) Use two insulators for 12.5/7.2 kV deadends and three for 24.9/14.4 kV deadends.
(5) Use two insulators for 24.9/14.4 kV deadends.

k – Insulator, suspension, Toughened Glass

Technical Acceptance Period	Origin Country	Manufacturer
3/2026 – 3/2027	China	Newell 10” suspension insulator G523-7001 (ball & socket, 22,000 lbs.) G525-7001 (ball & socket, 30,000 lbs.)
3/2026 – 3/2027	China	11” suspension insulator G528-7001 (ball & socket, 40,000 lbs.) G5211-7001 (ball & socket, 50,000 lbs.)

k – Insulator, polymer distribution deadend

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Numbers
8/2025 – 8/2026	China	Powerline Hardware (Yikun)	P8215-S P8225-S P8235-S

NOTE: When insulators from this page are used, adjust construction drawing material list quantities as necessary. Recommended maximum working load is 5,000 lbs.

Technical List
I-1
April 15, 2026

I – Clamp, deadend

DISTRIBUTION

Technical Acceptance Period	Origin Country		Copper 2 through 6 CWC 4A through 8A	ACSR (Aluminum Clamps) 4/0 & 3/0	2/0	1/0	2&4
4/2026 4/2027	China	GPP Solutions	-	AQC57N	AQC52N	AQC52N	AQC52N

I – Deadend for steel strand (overhead ground wire)

TRANSMISSION

For high strength, extra high strength steel strand and aluminum clad steel strand

			High Strength Steel		Aluminum-clad steel			Extra High Strength		
Technical Acceptance Period	Origin Country	Manufacturer	3/8”	7/16”	7 No. 9 AWG	7 No. 8 AWG	7 No. 7 AWG	5/16”	3/8”	7/16”
Compression Type										
Formed Type*										
* Class B galvanizing. When overhead ground wire has Class C galvanizing, formed deadend should also have Class C galvanizing.										
Automatic Type										
4/2026 – 4/2027		GPP Solutions	AGDE38U	AGDE716U	-	-	-	AGDE516U	AGDE38U	AGDE716U
Clamp Type										
10/2026 – 10/2027	China	Line Hardware Inc.	QSC-553-N	QSC-553-N						

Conditional List
m-3
April 7, 2026

m – Clamp, suspension – cushioned

Condition: To obtain experience

Technical Acceptance Period	Origin Country		ACSR kcmil 266.8	336.4	477	556.5	795	954
6/2025 – 6/2026	China	Hubbell	HCSA	HCSA	HCSA	HCSA	HCSA	HCSA

Technical List
n-1
June 17, 2026

n – Bolt, double arming

Applicable Specification: ANSI C135.1, “Standard for Galvanized Steel Bolts and Nuts.”

Applicable Sizes: 5/8-inch diameter, 12 inch through 24-inch length
3/4-inch diameter, 20 inch through 24-inch length

The following manufacturers have shown compliance with the applicable specifications for double arming bolts:

Technical Acceptance Period	Origin Country	Manufacturer
8/2025 – 8/2026	China	Aluma- Form
1/2026 – 1/2027	India	Powerline Hardware (Hobb)
4/2026 – 4/2027	China	GPP Solutions
6/2026 – 6/2027	India & Vietnam	JSC
6/2026 – 6/2027	India	Emerys

o – Bolt, eye, oval

ANSI C135.4, “Standards for Galvanized Ferrous Eye Bolts and Nuts for Overhead Line Construction.”

5/8-inch diameter, 6 through 20-inch length
¾-inch diameter, 8 through 20-inch length

Technical Acceptance Period	Origin Country	Manufacturer
8/2025 – 8/2026	China	Aluma-Form
1/2026 – 1/2027	India	Powerline Hardware (Hobb)
4/2026 – 4/2027	China	GPP Solutions
6/2026 – 6/2027	India & Vietnam	JSC

Shoulder Eye Bolt
for Transmission Structures

Applicable Sizes: ¾-inch diameter, 8-inch through 20-inch length

Manufacturer	Catalog Number

q – Bolt, double upset

Applicable Specification: "RUS Specifications for Single and Double Upset Spool Bolts," D-5

Technical Acceptance Period	Origin Country	Diameter, inches: / Length, inches:	5/8 7	5/8 8	5/8 9	5/8 10
4/2026 – 4/2027	China	GPP Solutions	-	-	-	U2396
10/2026 -10/2027	China	Line Hardware Inc.	DSB-587	DSB-588	DSB-589	DSB-5810

s – Clevis, secondary swinging

Applicable Specifications: "RUS Specifications for Secondary Swinging Clevises," D-6

Technical Acceptance Period	Origin Country	Manufacturer	Clevis only*	Clevis with 1-3/4" groove spool	Clevis with 3" groove spool
4/2026 – 4/2027	China	GPP Solutions	U0322		
6/2026 – 6/2027	India	Powerline Hardware (Hobb)	P0322 P1626		

*Catalog Number does not include spool. See page cm for spool type insulators.

u – Deadend for galvanized steel or aluminum-clad steel guy strand

Technical Acceptance Period	Origin Country	Manufacturer	3-Bolt Guy Clamp	
			Light (1/2” bolts)	Heavy (5/8” bolts)*
1/2026 – 1/2027	India	Powerline Hardware(Hobb)	P930	P931

*For use on transmission.

u – Deadend for galvanized steel guy strand

Technical Acceptance Period	Origin Country	Strand Size	1/4”	9/32”	5/16”	3/8”	7/16”
		Automatic					
4/2026 – 4/2027	China	GPP Solutions	AGDE-14	AGDE-516	AGDE-516	AGDE-38	AGDE-716
		Formed Type					
		Mosdorfer					
4/2026 – 4/2027		For standard guy*	GDE0259	GDE0310	GDE0327	GDE0360	GDE0460

* Class B galvanizing. When guy wire has Class C galvanizing, formed deadend should also have Class C galvanizing.

u – Deadend for aluminum clad steel guy strand

Technical Acceptance Period	Origin Country	Strand Size:	3#10 (4M)	7#12 (6M)	7#11 (8M)	7#10 (10M)	7X.110” (11.5M)	7#9 (12.5M)	7X.121” (14M)	7#8 (16M)	7X.148” (20M)
					Formed Type Aluminum-Clad Steel Guy Strand						
4/2026 – 4/2027	Thailand	Mosdorfer	AWDE0230	AWDE0247	AWDE0280	AWDE0313	AWDE0336	AWDE0355	AWDE0364	AWDE0394	AWDE0474
					Automatic Aluminum-Clad Steel Guy Strand						

Technical List
v-1
April 15, 2026

v – Guy Attachment

for 5/8” bolt

Technical Acceptance Period	Origin Country	Type: / Maximum Working Load Rating:	Formed Strap 23,130 N (5200 lbs.)	Angle Bolt Eye 23,130 N (5200 lbs.)	Guy Hook 23,130 N (5200 lbs.)	Guy Hook* 37,800 N (8500 lbs.)
4/2026 – 4/2027	China	GPP Solutions	U25164	U6500	GA-64	-

*This hook may be used in place of the wrapped guy arrangement in assemblies E3-2 and E3-3.

v – Pole Eye Plates

		Type:	Pole Eye Plate
Technical Acceptance Period	Origin Country	Maximum Working Load Rating:	37,800 N. (8500 lbs.)
		(5/8” Bolt)	
		(3/4” Bolt)	
4/2026 – 4/2027	China	GPP Solutions	PEP88

w – Insulators, guy strain
(Fiber Reinforced Plastic)

Technical Acceptance Period	Origin Country	Manufacturer	Ultimate Strength (lbs.) 11,000	15,000	21,000
6/2026 – 6/2027	India	Powerline Hardware (Hobb)	-	PCC, PCTE Series	PCC, PCTE Series
4/2026 – 4/2027	China	GPP Solutions		GL15 Series	

x – Rod, anchor

Applicable Specification: ANSI C135.2, “Standards for Galvanized Ferrous Strand Eye Anchor Rods”

Applicable Sizes:

Single guy: 5/8 inch diam. 6, 7 and 8 feet long
3/4 inch diam. 8, 9 and 10 feet long
1 inch diam. 9 and 10 feet long

Double guy: 5/8 inch diam. 7 and 8 feet long
3/4 inch diam. 8, 9 and 10 feet long
1 inch diam. 9 and 10 feet long

Single Guy: Drive: 5/8 inch diam. 7 and 8 feet long
3/4 inch diam. 8, 9 and 10 feet long
1 inch diam. 9 and 10 feet long

Double Guy: Drive: 5/8 inch diam. 7 and 8 feet long
3/4 inch diam. 8, 9 and 10 feet long
1 inch diam. 9 and 10 feet long

The following manufacturers have shown compliance with the applicable specifications. Some manufacturers cannot supply all sizes listed above. Check with manufacturer or distributor for availability.

Technical Acceptance Period	Origin Country	Manufacturer
4/2026 – 4/2027	China	GPP Solutions
1/2026 – 1/2027	India	Powerline Hardware (Hobb)

y – Galvanized Steel Strand

Usage: Guy, Distribution or Transmission Line
Overhead Static Wire

ASTM Specification: A 475 – For Guy Strand
A 363 – For Overhead Static Wire

Following grades/diameters of steel wire strands are preferred sizes:

For Guying

Siemens-Martin	High Strength	Extra High Strength Grade	
Distribution Line	Dist. or Trans.	Distribution	Transmission
1/4” dia.	1/4” dia.	1/4” dia.	1/4” dia.
3/8”	9/32”	9/32”	9/32”
7/16”	5/16”	5/16”	5/16”
	3/8”	3/8”	3/8”
	7/16”		7/16”

For Overhead Static Wire (Groundwire)

High Strength	Extra High Strength Grade
3/8” dia.	5/16” dia.
7/16”	3/8”
	7/16”

Technical Acceptance Period	Origin Country	Manufacturer
5/2026 – 5/2027	Turkiye	Has Celik
7/2026 – 7/2027	Turkiye	4S Products

Note: The buyer should specify Class A, B, or C coating per ASTM A363 or A475.

y – Steel Strand

Aluminum-Clad
Specifications: ASTM B415 and B416

For overhead groundwire
(Joint and splice requirements for wire and strand to meet ASTM A363)
AWG Sizes: (a) 7 No. 10, (c) 7 No. 9, (d) 7 No. 8, (e) 7 No. 7 AWG

Technical Acceptance Period	Origin Country	Manufacturer	
6/2025 – 6/2026	Brazil	Coppersteel Bimetalicos Ltda.	(a), (c), (d), (e)

For guy strand
(M is rated breaking load in thousand lbs)
M Sizes: 6M (7 No. 12), 8M (7 No. 11), 10M (7 No. 10), 11.5M (7 x 0.110"), 12.5M (7 No. 9), 14M (7 x 0.121"), 16M (7 No. 8), 18M (7 x 0.139"), 20M (7 x 0.148")

Technical Acceptance Period	Origin Country	Manufacturer	
6/2025 – 6/2026	Brazil	Coppersteel Bimetalicos Ltda.	10M, 12.5M, 14M, 16M

z - Anchors, Expanding and Plate

DISTRIBUTION

			Designated Maximum holding power-lbs.	6,000	8,000	10,000	12,000
			Min. Area (sq. in.)	90	100	120	135
			Rod Dia. (inch¾	¾	5/8	¾	¾
			Rod Length (feet)	7	7	8	-
Technical Acceptance Period	Origin Country	Manufacturer	Type				
10/2026 – 10/2027	India	Powerline Hardware (Hobb)	8-way	P8135	P8135	P8135	P8135

NOTE: Where galvanized anchors are listed, the same anchors, un-galvanized (black asphalt coated) are also acceptable.

z - Anchors, Power-Installed Screw, Distribution

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number	Rating (lbs.)
10/2026 – 10/2027	India	Powerline Hardware (Hobb)	P6524 P6526 P6528 P6550	(see catalog)

z - Anchors, No Wrench Screw

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number	Rating (lbs.)
10/2026 – 10/2027	India	Powerline Hardware (Hobb)	P6524 P6526 P6528 P6550	(see catalog)

Technical List
aa,ab
October 5, 2026

aa – Nut, eye
ab – Nut, thimble eye

			aa			ab	
Technical Acceptance Period	Origin Country	Manufacturer	Oval eye nut 5/8”	Oval eye nut 3/4”	Thimble Eyelet	Thimble eye nut 5/8”	Thimble eye nut 3/4”
4/2026 – 4/2027	China	GPP Solutions	U1092	U1093	U1126	U6510	
1/2026 – 1/2027	India	Powerline Hardware (Hobb)	P1092	P1093	-	P6510	P6511
8/2025 – 8/2026	China & Malaysia	Hubbell (Chance)	-	6503	-	-	6511
8/2025 – 8/2026	China	Aluma-Form	AF1092	AF1093	-	-	-
6/2026 – 6/2027	India & Vietnam	JSC	10	11	-	-	-
10/2026 – 10/2027	China	Line Hardware Inc.		OEN-34		TEN-58	TEN-34

af - Cutouts, Distribution, Open

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number	Type	Voltage Rating
10/2026 – 10/2027	China	Powerline Hardware (Wenzhou Yikun Electric Co., Ltd.)		PLH-Porcelain SIL-Polymer	15, 25, 27, 36kV 15, 24, 33-36kV

NOTE: The buyer should specify the load rating, voltage rating, interrupting rating and required accessories.

Cutouts used on underground riser poles should be loadbreak type or have hooks for portable load interrupters.

ai - Rods, Ground, 13-mil

Applicable Size: The standard length is 8 feet and catalog numbers listed below are for this length. Longer rods may be required for special conditions.

Copper-covered ground rods are listed with a 13-mil minimum at any point and a 15-mil average covering of copper. All purchases should specify that a factory certification of the thickness of the copper must accompany the shipment of the rods.

Copper-covered steel rods

Technical Acceptance Period	Origin Country		5/8"	3/4"
7/2026 – 7/2027	India	Powerline Hardware (Hobb)	PLH 588C	-
4/2026 – 4/2027	India	Kopell	EN 58813 EN 581013	EN 34813 EN 341013
6/2025 – 6/2026	Brazil	Intelli	IH-858-13 IH-1058-13	IH-834-13 IH-1034-13

ai - Rods, Ground

Applicable Size: The standard length is 8 feet and catalog numbers listed below are for this length. Longer rods may be required for special conditions.

Hot Dip Galvanized Steel

Technical Acceptance Period	Origin Country	Manufacturer	5/8”	¾”
7/2026 – 7/2027	India	Powerline Hardware (Hobb)	PLH 588G	-

NOTE: The 2007 National Electrical Safety Code requires that the diameter of galvanized ground rods be not less than 0.625 inch. Suppliers should not be providing galvanized ground rods with smaller diameters.

ai - Rods, ground, sectional, 13-mil

Galvanized Steel and Copper-Covered Steel

Copper-covered ground rods are listed with a 13-mil minimum at any point and a 15-mil average covering of copper. All purchases should specify that a factory certification of the thickness of the copper must accompany the shipment of the rods. Rods are copper-covered unless marked galvanized steel.

Sectional Ground Rods

Technical Acceptance Period	Origin Country	Manufacturer	8' long	10' long	Coupling	Driving studs
4/2026 – 4/2027	India	Kopell	EN 58813-SC EN 34813-SC	EN 581013-SC EN 341013-SC	ENCO58 ENCO34	ENDS58 ENDS34
6/2025 – 6/2026	Brazil	Intelli	IHP-834 IHP-858	IHP-1034 IHP-1058	LEH-34-R LEH-58-R	PH-34 PH-58

NOTE: The 2007 National Electrical Safety Code requires that the diameter of galvanized ground rods be not less than 0.625 inch. Some suppliers may still be providing ground rods with smaller diameters.

ai - Rods, Ground, 10-mil

These copper-covered ground rods are listed with a 10-mil minimum at any point. They must also be Underwriters Laboratory (UL) listed. All purchases should verify that rods have official UL mark.

Copper-covered steel

Technical Acceptance Period	Origin Country	Manufacturer	5/8" x 8'	¾" x 8'	5/8" x 10'	¾" x 10'
6/2025 – 6/2026	Brazil	Intelli	IH-858	IH-834	IH-1058	IH-1034
4/2026 – 4/2027	India	Kopell	EN 588	EN 348	EN 5810	EN 3410
6/2026 – 6/2027	India	Premier Grounding Products	PGP5808	PGP3408	-	-
7/2026 – 7/2027	India	Powerline Hardware (Hobb)	PLH-588C-10-MIL	-	-	-

Technical List
ai-5
April 13, 2026

ai - Rods, ground, sectional, 10-mil

Galvanized steel and Copper-covered steel

Copper-covered ground rods are listed with a 10-mil minimum at any point. They must also be Underwriters Laboratory (UL) listed. All purchases should verify that rods have official UL mark. Rods are copper-covered unless marked galvanized steel.

Sectional Ground Rods

Technical Acceptance Period	Origin Country	Manufacturer	Rod				Coupling		Driving studs	
			5/8" x 8'	¾" x 8'	5/8" x10'	¾" x 10'	5/8"	¾"	5/8"	¾"
6/2025 – 6/2026	Brazil	Intelli	IHP-858	IHP-834	IHP-1058	IHP-1034	LEH-58-R	LEH-34-R	PH-58	PH-34
4/2026 – 4/2027	India	Kopell	ENS 588	ENS 348	ENS 5810	ENS 3410	ENCO58	ENCO34	ENDS58	ENDS34

NOTE: The diameter of all galvanized ground rods must meet the latest edition of the National Electrical Safety Code (NESC).

aj - Clamp, Ground Rod

Technical Acceptance Period	Origin Country	Manufacturer	For 5/8" Copper-Covered Rod	For 3/4" Galv.or Stainless Steel Rod	For 5/8" Galv.or Stainless Steel Rod
6/2026 – 6/2027	China	Powerline Hardware (Hobb)	P58	-	P58

an - Transformers, distribution, pole type
Primary Voltages 7.2/12.5, 7.62/13.2 and 14.4/24.9 kV

Applicable Specifications: "RUS Specifications for Rural Distribution Transformers," D-10

Listing is by type rather than by catalog number because of the many possible combinations of voltage, kVA and taps and protective equipment.

Technical Acceptance Period	Origin Country	Manufacturer	7.2/12.5 & 7.62/13.2	14.4/24.9	Dual Voltage
2/2026 – 2/2027	Brazil	Romagnole			
		Conventional, single bushing	CONV		
		Conventional, two bushing	CONV		

Technical List
ao-1
April 15, 2026

ao - Bolt, strand eye, straight (thimble eye)

Applicable Specification:	ANSI C135.4, "Standards for Galvanized Ferrous Eye Bolts and Nuts for Overhead Line Costruction."
Applicable Sizes:	5/8 inch, 6 through 12 inch length 3/4 inch, 8 through 12 inch length

The following manufacturers have shown compliance with the applicable specification:

Technical Acceptance Period	Origin Country	Manufacturer
4/2026 – 4/2027	China	GPP Solutions

ap – Clamp, hot line
ACSR with armor rods

Clamps listed below have spring action and enclosed thread chambers.

Technical Acceptance Period	Origin Country	Manufacturer	Tap Conductor	Conductor Size				
				477 & 336.4	4/0 & 3/0	2/0	1/0 & 2	4
6/2026 – 6/2027	China	Powerline Hardware (Hobb)	Aluminum	P1530AGP	P1520AGP	P1520AGP	P1520AGP	P1520AGP
			Copper	P1530CC	P1530AGP P1520CC P1530CC	P1530AGP P1520CC P1530CC	P1530AGP P1520CC P1530CC	P1530AGP P1520CC P1530CC

Technical List
as-1
April 15, 2026

as – Clevis, service swinging

Applicable Specifications "RUS Specifications for Service Swinging Clevis," D-7

Technical Acceptance Period	Origin Country	Manufacturer	Clevis Only*	Clevis with Wet Process Spool	Clevis with Dry Process Spool
4/2026 – 4/2027	China	GPP Solutions	U1614		

*Catalog number does not include spool; for spool insulators see Item cm.

Technical List
av-1
September 8, 2026

av – Conductor, ACSR

Applicable Specification: ASTM Specification B 232

Preferred Sizes:

Distribution	Transmission
4 – 6/1	1/0 – 6/1
4 – 7/1	2/0 – 6/1
2 – 6/1	3/0 – 6/1
2 – 7/1	4/0 – 6/1
1/0 – 6/1	266.8 kcmil – 26/7
2/0 – 6/1	336.4 kcmil – 26/7
3/0 – 6/1	477 kcmil – 26/7
4/0 – 6/1	556.5 kcmil – 26/7
266.8 kcmil 18/1	795 kcmil – 26/7
336.4 kcmil 18/1	954 kcmil – 54/7
477 kcmil 18/1	

NOTE: Larger sizes may be used where the engineer's study shows they are required.

The following manufacturers have shown compliance with the applicable specifications:

Technical Acceptance Period	Origin Country	Manufacturer
4/2026 – 4/2027	India	Apar Industries Ltd.
9/2026 – 9/2027	Turkiye	Coreal
7/2025 – 7/2026	Turkiye	JSK Industries Pvt. Ltd.
12/2025 – 12/2026	India	Sterlite
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)

NOTES:

1. Conductors with 18/1 stranding have different sag characteristics than conductors with 6/1 or 26/7 stranding. This difference in sag characteristics must be taken into consideration in the line design.
2. 266.8 kcmil 26/7, 336.4 kcmil 26/7, and 477 kcmil 26/7 may be used for distribution underbuild on transmission lines.

Technical List
av-4
April 13, 2026

av - Conductor, Service
(Single conductor)

Technical Acceptance Period	Origin Country	Manufacturer	Aluminum	Copper
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	X	-

Applicable Specification: ICEA S-95-658 / NEMA WC70

Insulation: Cross-linked thermosetting polyethylene or equal.

Conductor: MHD copper or HD (Aluminum 1350) aluminum (Compact or compressed stranded conductor is acceptable.)

Marking: Manufacturer's name and type of insulation shall be clearly shown in durable markings on the surface of the insulation at intervals no greater than 24 inches.

av - Conductor, Service Cable
(Triplex and Quadruplex)

Technical Acceptance Period	Origin Country	Manufacturer	Aluminum	Copper
9/2026 – 9/2027	Turkiye	Coreal	X	-
6/2026 – 6/2027	Sri Lanka	Sierra Cables PLC	X	-
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	X	-

Applicable Specifications: RUS Specification D-2, Specifications for 600 Volt Neutral-Supported Secondary Service Drop Cables.

Technical List
av-6
September 8, 2026

av – Conductor, Aluminum Alloy (AAAC)

Applicable Specification: ASTM Specification B399

Preferred Sizes:

DISTRIBUTION		TRANSMISSION	
6201	ACSR Equiv.	6201	ACSR Equiv.
48,690 cmil – 7 str.*	4	123,300 cmil – 7 str.**	1/0
77,470 cmil – 7 str.*	2	155,400 cmil – 7 str.**	2/0
123,300 cmil – 7 str.	1/0	195,700 cmil – 7 str.**	3/0
155,400 cmil – 7 str.	2/0	246,900 cmil – 7 str.	4/0
195,700 cmil – 7 str.	3/0	312,800 cmil – 19 str.	266,800 cmil
246,900 cmil – 7 str.	4/0	394,500 cmil – 19 str.	336,400 cmil
		559,500 cmil – 19 str.	477,000 cmil
		652,400 cmil – 19 str.	556,500 cmil
		927,200 cmil – 37 str.	795,000 cmil

*Not recommended for multiphase lines with span lengths exceeding 300 ft.

**Not recommended for suspension type construction.

The following manufacturers have shown compliance with the applicable specifications:

Technical Acceptance Period	Origin Country	Manufacturer	Type
4/2026 – 4/2027	India	Apar Industries Ltd.	6201
9/2026 – 9/2027	Turkiye	Coreal	6201
7/2025 – 7/2026	Turkiye	JSK Industries Pvt. Ltd.	6201
8/2025 – 8/2026	China	Priority Wire and Cable (Xiantong)	6201
12/2025 – 12/2026	India	Sterlite	6201
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	6201

Technical List
av(1)
April 22, 2026

av - conductor

Technical Acceptance Period	Origin Country	Manufacturer	Conditions
4/2026 – 4/2027	India	Apar Industries Ltd. ACSS/TW conductors using preferred conductor sizes.	1. To obtain experience. 2. Conductor handling and installation shall be in accordance with manufacturer's recommendations. 3. Indicate type of steel core wire and class (if applicable) of coating.
8/2025 – 8/2026	China	Priority Wire and Cable (Xiantong) ACSS/TW conductors using preferred conductor sizes.	1. To obtain experience. 2. Conductor handling and installation shall be in accordance with manufacturer's recommendations. 3. Indicate type of steel core wire and class (if applicable) of coating.

Technical List
av(4)
April 7, 2026

av – Conductor, High Temperature

Preferred Conductor Sizes
(equivalent in diameter to the following ACSR conductors)*

Transmission Lines
336.4 kcmil - 26/7
477 kcmil - 26/7
556.5 kcmil - 26/7
795 kcmil - 26/7
954 kcmil - 54/7
1272 kcmil - 54/19

Technical Acceptance Period	Origin Country	Manufacturer	Conditions
8/2025 – 8/2026	China	Priority Wire and Cable (Xiantong)	To obtain experience. Conductor handling and installation shall be in accordance with the manufacturer's recommendations. Use high temperature accessories approved by the manufacturer and accepted by RUS.

NOTES:
1. Larger sizes may be used where the engineer's study shows they are required.
2. Conductor diameter should be within 10% of ACSR equivalent diameter size.

Technical List
av(5)
April 22, 2026

av – Conductor, Twisted Pair (T-2 & VR type)

Preferred Conductor Sizes
(equivalent in diameter to the following ACSR conductors)*

Transmission Lines
336.4 kcmil - 26/7
477 kcmil - 26/7
556.5 kcmil - 26/7
795 kcmil - 26/7
954 kcmil - 54/7
1272 kcmil - 54/19

T-2 type (ACSR-II)

Aluminum Conductor Steel Reinforced- Twisted Pair
ACSR or AAAC (6201)

Technical Acceptance Period	Origin Country	Manufacturer	Conditions
6/2025 – 6/2026	China	Shanghai Silin Special Equipment Co., Ltd. (Priority Wire & Cable, INC)	1. To obtain experience. 2. Conductor handling and installation shall be in accordance with manufacturer's recommendations. 3. Use accessories recommended by the manufacturer and accepted by RUS.
4/2026 – 4/2027	India	Apar Industries, Ltd.	Same as above.
6/2025 – 6/2026	China	Shanghai Silin Special Equipment Co., Ltd. (Priority Wire & Cable, INC)	Same as above.
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	Same as above.

Technical List
av(6)
April 13, 2026

av – Conductor, Twisted Pair (T-2 & VR type)

VR-2 type

Aluminum Conductor Steel Reinforced- Twisted Pair
ACSR or AAAC (6201)
Vibration Damping

Technical Acceptance Period	Origin Country	Manufacturer	Conditions
6/2025 – 6/2026	China	Shanghai Silin Special Equipment Co., Ltd. (Priority Wire & Cable, INC)	1. To obtain experience. 2. Conductor handling and installation shall be in accordance with manufacturer's recommendations. 3. Use accessories recommended by the manufacturer and accepted by RUS
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	Same as above.

NOTES:
1. Larger sizes may be used where the engineer's study shows they are required.
2. Conductor diameter should be within 10% of ACSR equivalent diameter size.

aw – Washer, spring

Clip
1/4” x 1-3/4” x 3-1/2”

Technical Acceptance Period	Origin Country	Manufacturer	Bolt Size		
			5/8”	3/4”	7/8”
4/2026 – 4/2027	China	GPP Solutions	U3540	U3541	-

Double Coil Lock

Technical Acceptance Period	Origin Country	Manufacturer	Bolt Size			
			5/8"	3/4"	7/8"	1”
4/2026 – 4/2027	China	GPP Solutions	U177	-	-	-

Technical List
ba-1
June 15, 2026

ba - Bolt, Angle Eye

Thimble Type

Applicable Specification: ANSI C135.4, "Standards for Galvanized Ferrous Eye Bolts and Nuts for Overhead Line Construction"

Applicable Sizes : 5/8 inch, 6 through 12 inch length
3/4 inch, 8 through 12 inch length

The following manufacturers have shown compliance with the applicable specifications:

Technical Acceptance Period	Origin Country	Manufacturer
4/2026 – 4/2027	China	GPP Solutions
6/2026 – 6/2027	India & Vietnam	JSC

bh - Clevis, Service Deadend

Applicable Specification: "RUS Specification for Service Deadend Clevises" D-8

Technical Acceptance Period	Origin Country	Manufacturer	Clevis Only*	Clevis with dry process spool	Clevis with wet process spool
6/2025 – 6/2026	India	Powerline Hardware (Hobb)	P093 P0313 P1300 P1399		
4/2026 – 4/2027	China	GPP Solutions	U0313		

*Catalog number does not include spool; for spool see Page cm.

Technical List
bj-1
April 15, 2026

bj - Guy Hook

Applicable Specification: Edison Electric Institute Specification TD-11- 1951, "Specifications for Guy Hooks and Guy Strain Plates."

Technical Acceptance Period	Origin Country	Manufacturer	Catalog #
4/2026 – 4/2027	China	GPP Solutions	DGH6X

bo - Shackle, anchor

Distribution

Technical Acceptance Period	Origin Country	Manufacturer	20,000 lbs. 5/8" Pin
4/2026 – 4/2027	China	GPP Solutions	U2742

Transmission

Technical Acceptance Period	Origin Country	Manufacturer	30,000 lbs. 3/4" bolt	50,000 lbs. 7/8" bolt
4/2026 – 4/2027	China	GPP Solutions	UAS35-BNC	UAS50-BNC

Technical List
br-1
October 13, 2026

br – Chain Link (End Link)

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
4/2026 – 4/2027	China	GPP Solutions	CLK-40
10/2026 – 10/2027	China	Line Hardware Inc.	CL-40

bs – Bolt, single upset

Applicable Specifications: "RUS Specifications for Single Upset Spool Bolts," D-5

Technical Acceptance Period	Origin Country	Diameter, inches: / Length, inches:	5/8 7	5/8 8	5/8 9	5/8 10
4/2026 – 4/2027	China	GPP Solutions	-	-	-	U2344-1/2
10/2026 – 10/2027	China	Line Hardware Inc.	SSB-587	SSB-588	SSB-589	SSB-5810

bv - Rods, armor
(includes standard, double insulator, and tapping rods)

Technical Acceptance Period	Origin Country	MANUFACTUER	CATALOG #
Aluminum or aluminum alloy rods for use on ACSR			
4/2026 – 4/2027	Thailand	Mosdorfer	AAR 0309, AAR 0390, AAR 0437, AAR 0846
6/2025 – 6/2026	China	Hubbell	APGS0038, AP8134
Copperweld rods for copper or CWC conductor			
Alumoweld rods for aluminum clad steel (Alumoweld) overhead ground wire			

bx - Splice, automatic

Technical Acceptance Period	Origin Country	Manufacturer	Catalog #	AAC	AAAC	ACSR
4/2026 – 4/2027	China	GPP Solutions	ALLS-4	#4	#4	#4
			ALLS-40			
			ALLS- 477-556	559.5	556.5	477 (26/7)

Technical List
by-1
April 13, 2026

by - Deadend, automatic and formed Type

ACSR

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
4/2026 – 4/2027	Thailand	Mosdorfer	ADG0203, ADG0257, ADG0325, ADG0364, ADG0409, ADG0460, ADG0516, ADG0577

ci - Clevis, thimble

Technical Acceptance Period	Origin Country	Manufacturer	Rated Strength 20,000 lbs.	Rated Strength 40,000 lbs.	Rated Strength 50,000 lbs.
4/2026 – 4/2027	China	GPP Solutions	CT88	TC40	-

Technical List
cm-1
October 21, 2026

cm – Insulator, Spool

Technical Acceptance Period	Origin Country		Type:	Secondary (Wet Process)		Service Wet Process	Service Dry Process
			Groove Diameter:	1-3/4”	3”	1-3/8”	1-3/8”
			ANSI Class:	53-2	53-4	53-1	NA
8/2025 – 8/2026	China	Newell-PSN, LLC		2335320	-	2335310	-
8/2025 – 8/2026	China	Newell-PSN, LLC (Mustang Electric Power Products, Inc.)		SIP532	-	SIP531	-
10/2026 – 10/2027	China	Powerline Hardware		P53-2G	P53-4G	P53-1G	-
11/2025 – 11/2026	China	Vanguard Electric, LLC		53-2 SG1	53-4 SG1	53-1 SG1	-

Technical List
cs-1
April 15, 2026

cs - Bracket, Pole Top Pin

For Transmission and 24.9/14.4 kV Distribution

Applicable Specifications: "RUS Specifications for Pole Top Brackets for Channel Type Pins," D-14

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
4/2026 – 4/2027	China	GPP Solutions	U2157

cu – Brace, crossarm, 26-inch (side-mounted)

Technical Acceptance Period	Origin Country	Manufacturer .	Douglas Fir or Southern Yellow Pine	Apitong	Fiber Reinforced Plastic
8/2025 – 8/2026	China	Hubbell Power Systems		PSCAF626	-

Note: Braces listed above have 26-inch hole spacing. They are to be used in place of the flat steel braces previously listed on page h.

cu – Brace, crossarm, 60-inch (underarm)

			Span, inches:	60	60
			Drop, inches:	18	30
Technical Acceptance Period	Origin Country	Manufacturer .			
8/2025 – 8/2026	China	Hubbell Power Systems		PSCRA6018	PSCRA6030

*Denotes Fiber Reinforced Plastic, all others are wood.

Technical List
cx-1
April 13, 2026

cx - Splice, oval tube

Technical Acceptance Period	Origin Country							
		Copper Conductor Size:	0x7		2x3		4	6
		Copperweld-Copper Conductor Size:	6A		8A			
		Aluminum Clad Steel Conductor Size:	AWGS0395		AWGS0475		AWGS00550	
4/2026 – 4/2027	Thailand	Mosdorfer	3#5, 3/8" - 7#8	16M	7#6, #1-2/5, 1/0-3/4, 3/0-6/1		7#5, 1/0-2/5, 2/0-3/4	

cz - Splice for Steel Strand (Overhead Ground Wire)

Compression

Single Sleeve Only

Technical Acceptance Period	Origin Country	Manufacturer	High Strength Steel		Extra High Strength			Aluminum Clad Steel		
			3/8"	7/16"	5/16"	3/8"	7/16"	7 No. 9 AWG	7 No. 8 AWG	7 No. 7 AWG
4/2026 – 4/2027	China	GPP Solutions	AGS-38	AGS-716	AGS-516U	AGS-38U	AGS-716U	-	-	-

Technical List
da-1
April 15, 2026

da - Bracket, insulated

Technical Acceptance Period	Origin Country	Manufacturer	Bracket without Insulator	Bracket with 1-3/4” Spool Insulator	Bracket with 3” Spool Insulator
4/2026 – 4/2027	China	GPP Solutions	U1300	-	-

dt - Deadend, service

For deadending triplex type service cable, Drawing K2.2.

Technical Acceptance Period	Origin Country	Manufacturer	ACSR Size	Catalog Number	
				Wedge Type	Formed Type
4/2026 – 4/2027	Thailand	Mosdorfer	4	-	SG 0257
			2	-	SG 0325
			1/0	-	SG 0400
			2/0	-	SG 0450
			3/0	-	SG 0510
			4/0	-	SG 0580

Technical List
ea-1
October 21, 2026

ea - Insulator and stud, post type, vertical

DISTRIBUTION (RUS Minimum Requirements)

Technical Acceptance Period	Origin Country		System voltage, kV:	12.5/7.2	12.5/7.2	24.9/14.4
			Leakage, inches:	7-1/2	10	15
			Cantilever strength (pounds):	1875	1875	1875
			Flashover, dry, kV:	65	70	95
			Flashover, wet, kV:	40	50	65
8/2025 – 8/2026	China	Newell-PSN, LLC (Mustang Electric Products, Inc.)		-	-	LPP071C LPP071F
10/2026 – 10/2027	China	Powerline Hardware		P57-1G	P57-1G	-

DISTRIBUTION or TRANSMISSION

Technical Acceptance Period	Origin Country		ANSI Class:	57-1	57-2	57-3	57-4
			System voltage, kV:	15	22	34.5	46
10/2026 – 10/2027	China	Powerline Hardware			P57-2G	P57-3G	P57-4G
11/2025 – 11/2026	China	Vanguard Electric, LLC		5701SSG1	5702SSG1	5703SSG1	-

Technical List
ea-4
April 7, 2026

ea - Insulator, line post, composite/polymer

Technical Acceptance Period	Origin Country	Manufacturer	ANSI Class
4/2025 – 4/2026	China	Jiangsu Shemar Electric Co. Ltd.	
		SDHG100076A10 (LP-15)	51-21
		SDFG100154A20 (LP-46)	51-4F
		SDVG200209A20 (LP-69)	51-16

Technical List
ea-5
April 7, 2026

ea - Insulator, line post, horizontal and vertical clamp-top type

Technical Acceptance Period	Origin Country	Manufacturer	ANSI Class
11/2025 – 11/2026	China	Vanguard Electric LLC	57-11 57-12 57-13

Technical List
eb-1
April 15, 2026

eb - Bracket, Pole Top
For Post type Insulators

DISTRIBUTION

Technical Acceptance Period	Origin Country	Manufacturer	Catalog No.
4/2026 – 4/2027	China	GPP Solutions	PB58

TRANSMISSION

4/2026 – 4/2027	China	GPP Solutions	PB58H

ej - Clamps, deadend with socket eye

ACSR

Technical Acceptance Period	Origin Country	Manufacturer	AWG		kcmil					
			4/0 to 3/0	2/0 to 4/0	266.8	336.4	477	556.5	795	954
Iron or Steel Clamps (requires armor tape or liner)										
Aluminum Alloy Clamps (do not require armor tape or liner)										
4/2026 – 4/2027	China	GPP Solutions	SODC-47	SODC-57N	SODC-70N	SODC-70N	SODC-88N	SODC-88N	SODC-116N	SODC-116N

NOTE: When used with clevis-type insulators for large conductors on distribution lines, order clamp with clevis eye.

Technical List
ek-1
April 15, 2026

ek - Locknuts

MF Type

Technical Acceptance Period	Origin Country	Manufacturer	For Bolt Diam., in.: 3/8	1/2	5/8	3/4	7/8
4/2026 – 4/2027	China	GPP Solutions	-	-	U8583	U8584	-

ft - Y-Clevis Ball

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
4/2026 – 4/2027	China	GPP Solutions	UYBC30
8/2026 – 8/2027	China	Line Hardware	BCY-30

gj - Crossarm Assemblies

Braceless, wood

Technical Acceptance Period	Origin Country	Manufacturer	Dimensions
8/2025 – 8/2026	China	Hubbell Power Systems CHDDEA86EBREA	4-1/4” x 5-1/2” x 8’-0”

U hb - Cable Accessories
(When ordering specify conductor size, type, whether copper or aluminum and insulation diameter)

(Items on this page are rated for operation on three-phase systems and may be used on single-phase systems.)

200 Ampere Continuous Current Rating

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
1/2026 – 1/2027	China	Vanguard Electric, LLC	15 kV, Used with loadbreak connectors BI215000 Bushing Insert FT215000 Feedthru Bushing Insert 25 kV, Used with loadbreak connectors BI225000 Bushing Insert

U hb - Cable Accessories

(When ordering, specify conductor size, type, whether copper or aluminum and insulation diameter)

600 Ampere Continuous Current Rating

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
1/2026 – 1/2027	China	Vanguard Electric, LLC	15 kV & 25kV Deadbreak Connector T625000 series without test point T625T00 series with test point 35 kV Deadbreak Connector T63500 series without test point T635T00 series with test point

U hp - Terminations, Elbow
(rated for switching on three-phase systems)

(When ordering, specify conductor size, type, whether copper or aluminum and insulation diameter)

Technical Acceptance Period	Origin Country	Manufacturer	Catalog Number
1/2026 – 1/2027	China	Vanguard Electric, LLC	15 kV Loadbreak L2150T00 series with test point L2150TJ0 series with integrated jacket seal; with test point L2150000 series without test point L21500J0 series with integrated jacket seal; without test point 25 kV Loadbreak L2250T00 series with test point L2250TJ0 series with integrated jacket seal; with test point L2250000 series without test point L22500J0 series with integrated jacket seal; without test point

Technical List
U hv-2
April 13, 2026

U hv - Cable, Underground

600 Volt Cable

Applicable Specification: RUS Specification U-2
Conductor: Copper, #4 AWG and larger; Aluminum, #2 AWG and larger
Insulation: Cross-Linked polyethylene (XLPE)

Technical Acceptance Period	Origin Country	Manufacturer	Type Conductor
4/2025 – 4/2026	China	Shanghai Silin Special Equipment Co., LTD. (Priority Wire & Cable, INC)	Copper & Aluminum
4/2025 – 4/2026	China	Xiantong Wire and Cable Co., Ltd. (Priority Wire & Cable, INC)	Copper & Aluminum
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	Copper & Aluminum

NOTES: The manufacturers shown above have indicated that their 600-volt cable is suitable for use on 480 volt corner grounded delta circuits.

The above cable may be supplied with UL label for Type USE.

Technical List
U hv-3
September 8, 2026

U hv - Cable, Underground

600 Volt Multi-Conductor Cable

Applicable Specification: RUS Specification U-2
Conductor: Copper, #4 AWG and larger; Aluminum, #2 AWG and larger

Insulation: Cross-Linked polyethylene (XLPE)
Cable Configuration: 3 Insulated Conductors Triplexed

Technical Acceptance Period	Origin Country	Manufacturer	Type Conductor
9/2026 – 9/2027	Turkiye	Coreal	Aluminum
4/2025 – 4/2026	China	Shanghai Silin Special Equipment Co., Ltd. (Priority Wire & Cable, INC)	Copper or Aluminum
4/2025 – 4/2026	China	Xiantong Wire and Cable Co., Ltd. (Priority Wire & Cable, INC)	Copper or Aluminum
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	Copper or Aluminum

The above cable may be supplied with UL label for Type USE.

U hv - Cable, Underground

600 Volt Cable

(Alternative Cable Constructions)

Applicable Specification: RUS Specification U-2 (except as indicated below)

NOTE: Manufacturers listed below are accepted for alternatives A, B, C, D and/or E for the products listed on pages U hv-2 and U hv-3.

Alternative A: 8000 series aluminum alloy in accordance with ASTM B800 or B801.

Alternative B: Stranding in accordance with ASTM B786 for aluminum 1350 conductors or ASTM B787 for copper conductors.

Alternative C: Abuse resistant (ruggedized) (single or two layer) insulation in accordance with ICEA S-81-570.

Alternative D: Self-healing

Alternative E: Stranding in accordance with ASTM B 901 for Compressed Round Stranded Aluminum Conductors Using Single Input Wire Construction

Technical Acceptance Period	Origin Country	Manufacturer	Alternative
4/2025 – 4/2026	China	Shanghai Silin Special Equipment Co., Ltd. (Priority Wire & Cable, INC)	(C)
4/2025 – 4/2026	China	Xiantong Wire and Cable Co., Ltd. (Priority Wire & Cable, INC)	(C)
4/2026 – 4/2027	Thailand	Priority Wire & Cable (Wiremaster)	(C)