

AUTHORIZED COSTS

(Costs incurred or shared under this schedule shall apply for work that is to be performed)

POLE MAINTENANCE AND MISCELLANEOUS

<u>ITEM</u>	<u>30' & 35'</u>	<u>40' & 45'</u>	<u>50' & 55'</u>	<u>60' & 65'</u>	<u>70' & 75'</u>	<u>80' & 85'</u>	<u>90' & 95'</u>	<u>100'</u>
1. Trenching or moving: (with supply)*	3699	4046	5137	5626	9459	10114	10975	11183
2. Trenching or moving: (without supply)*	1032	1145	1259					
3. Lowering or raising to grade (one operation) :	2689	2940	3150	3836	7548	8172	8745	9057
4. Straightening in earth*:	2146	2272	2479	3159	5873	5873	5873	5873
5. Removing from service:								
(a) Pulling (includes 1 hour pre-planning and engineering)per pole								1782
(b) Transporting.....per pole								562
(c) Topping Pole (based on cut and lowering of pole top).....per pole								843
(d) Disposal (effective 07/01/02).....per pole								1434
(e) Lowering.....per pole								1033
(f) Removal of steel truss (any size).....per pole								1430
(Rev 01/01/2017)								
6. Pole Stubbing (stub-size):								
(a) 8 ft. metal truss.....								1618
(b) 10 ft. metal truss.....								1917
(c) 11 ft. metal truss.....								2052
(d) 12 ft. metal truss.....								1906
(e) 13 ft. metal truss								2427
(f) 14 ft. metal truss.....								2832
(g) 15.5 ft. metal truss								2832
(h) Additional metal trusses (all sizes).....								1618
(i) Inaccessible to stubbing equipment.....								1641
7. Intentionally left blank								
8. Semi-circular pole guards:								
(a) Installation.....								532
(b) Transferring.....								361
9. Hand Dig Pole Set/Hand Removal:								
(do not apply to Sec 7.4 or rear property line) (Rev 05/2024)								
(a) Pole set: Not accessible to digging equipment.....								2675
(b) Pole set/removal: Accessible with Conflict-Must specify nature of conflict on Form 48, Form 7, or Form 2.....								2490
(c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)								2359
(Rev 01/01/2017)								
10. Sidewalk or pavement repairs for placement, replacement, or removal of pole or anchor:								
(Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)								
(a) Cement break and temporary repair.....								1675
(b) Asphalt break and repair.....								1316
(c) Cement saw cut break and repair. Based on 25 square feet.....								2059
(d) Cement saw cut break and repair. Based on 50 square feet.....								2958
(e) ADA accessible ramp.....								5558
(Rev 01/01/2017)								
11. Joint Rights of Way: (By special agreement)								

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<u>ITEM</u>	
12. Pole Inspections and Treatment	
(a) Reserved for future use	
(b) Partial Dig.....	261
(c) Sound and Bore.....	261
(d) Full Treatment.....	261
(e) Reject.....	261
Note: May only be billed once every 5 years (Effective May 2011).	
(f) Re-inspection of reinforced poles (may only be billed once every 10 years, effective 06/01/2011).....	417
13. Pole/anchor access obstructions:	
(a) Clearing poles in State Responsibility area..... (Includes cost of contractor to perform activity and post Quality Control inspection)	780
(b) Removal of vegetation to facilitate the placement/replacement/removal of a pole	609
(c) All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.	
(d) Traffic Control (By Special Agreement Section 1.2)	
14. JPA Administrative Fees (per pole cost)	
(a) Failure to Final: Including correction of records	508
(b) Failure to Final: Field verification only	440
(c) Failure to Submit Pole Loading by Unauthorized Member (see Section 4.1) – (Revised 11/20/2018).....	930
15. Pole Marking – Maintenance items only (Revised 11/17/2021)	
(a) Re-Tagging.....	161
(b) Replacing Visibility Strips	163
16. Backhoe:	
(a) 2 hour minimum.....	631
(b) Each additional hour (inclusive operator & truck).....	483
17. Wood pole fiberglass wrap restoration:	
(a) Pole set in dirt (8 ft. standard).....	1810
(b) Pole set in asphalt (includes cost of \$140 for asphalt / 8 ft. standard).....	2427
(c) Pole set in concrete (includes cost of \$245 for concrete / 8 ft. standard).....	2428
(d) Additional foot exceeding 8 ft. standard.....	116
18. Mod pole material and installation:	
(a) 9'.....	4844
(b) 14'.....	1438
(c) 18'.....	1663
19. Cost for cut & kick:	
Only to be used with Section 7.4. Must state benefiting member(s) or mutual benefit under "Nature of Work"	
(a) Pole placement located on street without riser and/or equipment	4329
(b) Pole placement located on street with riser and/or equipment.....	5900
(c) Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment.....	8328
(Note: Item 9 not to be used concurrently with item 19 A,B,C)	

***NOTE:** Items 1,2,4 and 6 - For pole in sidewalk or pavement, use the specified "in earth" cost and add Item 10 as a separate item for the cost of sidewalk or pavement repair.

AUTHORIZED COSTS**(Costs incurred or shared under this schedule shall apply for work that is to be performed)**

**TRENCHING OR MOVING
In Earth, 5' or Less, Item 1 (With Supply)
Allocation of Costs
Based on the Price Per Foot Concept**

Pole Size	Authorized Cost	Per Foot Cost	Total Shared \$	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
30'	3699	123.300	3082.500	1541.250	1027.500	770.625	616.500	513.750
35'	3699	105.686	3064.886	1532.443	1021.629	766.221	612.977	510.814
40'	4046	101.150	3034.500	1517.250	1011.500	758.625	606.900	505.750
45'	4046	89.911	2697.333	1348.667	899.111	674.333	539.467	449.556
50'	5137	102.740	3184.940	1592.470	1061.647	796.235	636.988	530.823
55'	5137	93.400	2895.400	1447.700	965.133	723.850	579.080	482.567
60'	5626	93.767	3000.533	1500.267	1000.178	750.133	600.107	500.089
65'	5626	86.554	2769.723	1384.862	923.241	692.431	553.945	461.621
70'	9459	135.129	4459.243	2229.621	1486.414	1114.811	891.849	743.207
75'	9459	126.120	4161.960	2080.980	1387.320	1040.490	832.392	693.660
80'	10114	126.425	4298.450	2149.225	1432.817	1074.613	859.690	716.408
85'	10114	118.988	4045.600	2022.800	1348.533	1011.400	809.120	674.267
90'	10975	121.944	4268.056	2134.028	1422.685	1067.014	853.611	711.343
95'	10975	115.526	4043.421	2021.711	1347.807	1010.855	808.684	673.904
100'	11183	111.830	3914.050	1957.025	1304.683	978.513	782.810	652.342

AUTHORIZED COSTS

(Costs incurred or shared under this schedule shall apply for work that is to be performed)

**TRENCHING OR MOVING
In Earth, 5' or Less, Item 2 (Without Supply)
Allocation of Costs
Based on the Price Per Foot Concept**

Pole Size	Authorized Cost	Per Foot Cost	Total Shared \$	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
30'	1032	34.400	860.000	430.000	286.667	215.000	172.000	143.333
35'	1032	29.486	855.086	427.543	285.029	213.771	171.017	142.514
40'	1145	28.625	858.750	429.375	286.250	214.688	171.750	143.125
45'	1145	25.444	763.333	381.667	254.444	190.833	152.667	127.222
50'	1259	25.180	780.580	390.290	260.193	195.145	156.116	130.097
55'	1259	22.891	709.618	354.809	236.539	177.405	141.924	118.270

AUTHORIZED COSTS**(Costs incurred or shared under this schedule shall apply for work that is to be performed)**

**LOWERING OR RAISING
to Grade, Item 3
Allocation of Costs
Based on the Price Per Foot Concept**

Pole Size	Authorized Cost	Per Foot Cost	Total Shared \$	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
30'	2689	89.633	2240.833	1120.417	746.944	560.208	448.167	373.472
35'	2689	76.829	2228.029	1114.014	742.676	557.007	445.606	371.338
40'	2940	73.500	2205.000	1102.500	735.000	551.250	441.000	367.500
45'	2940	65.333	1960.000	980.000	653.333	490.000	392.000	326.667
50'	3150	63.000	1953.000	976.500	651.000	488.250	390.600	325.500
55'	3150	57.273	1775.455	887.727	591.818	443.864	355.091	295.909
60'	3836	63.933	2045.867	1022.933	681.956	511.467	409.173	340.978
65'	3836	59.015	1888.492	944.246	629.497	472.123	377.698	314.749
70'	7548	107.829	3558.343	1779.171	1186.114	889.586	711.669	593.057
75'	7548	100.640	3321.120	1660.560	1107.040	830.280	664.224	553.520
80'	8172	102.150	3473.100	1736.550	1157.700	868.275	694.620	578.850
85'	8172	96.141	3268.800	1634.400	1089.600	817.200	653.760	544.800
90'	8745	97.167	3400.833	1700.417	1133.611	850.208	680.167	566.806
95'	8745	92.053	3221.842	1610.921	1073.947	805.461	644.368	536.974
100'	9057	90.570	3169.950	1584.975	1056.650	792.488	633.990	528.325

AUTHORIZED COSTS**(Costs incurred or shared under this schedule shall apply for work that is to be performed)**

**STRAIGHTENING
in Earth, Item 4
Allocation of Costs
Based on the Price Per Foot Concept**

Pole Size	Authorized Cost	Per Foot Cost	Total Shared \$	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
30'	2146	71.533	1788.333	894.167	596.111	447.083	357.667	298.056
35'	2146	61.314	1778.114	889.057	592.705	444.529	355.623	296.352
40'	2272	56.800	1704.000	852.000	568.000	426.000	340.800	284.000
45'	2272	50.489	1514.667	757.333	504.889	378.667	302.933	252.444
50'	2479	49.580	1536.980	768.490	512.327	384.245	307.396	256.163
55'	2479	45.073	1397.255	698.627	465.752	349.314	279.451	232.876
60'	3159	52.650	1684.800	842.400	561.600	421.200	336.960	280.800
65'	3159	48.600	1555.200	777.600	518.400	388.800	311.040	259.200
70'	5873	83.900	2768.700	1384.350	922.900	692.175	553.740	461.450
75'	5873	78.307	2584.120	1292.060	861.373	646.030	516.824	430.687
80'	5873	73.413	2496.025	1248.013	832.008	624.006	499.205	416.004
85'	5873	69.094	2349.200	1174.600	783.067	587.300	469.840	391.533
90'	5873	65.256	2283.944	1141.972	761.315	570.986	456.789	380.657
95'	5873	61.821	2163.737	1081.868	721.246	540.934	432.747	360.623
100'	5873	58.730	2055.550	1027.775	685.183	513.888	411.110	342.592

**TRANSFER COSTS
GUY WIRES**

ITEM

20. Guy wires - transfer (overhead, span, arm, or anchor) including insulators if used:

(a) All types and sizes, each end.....	729
(b) Sidewalk anchor guys (pipe brace and fittings, all sizes).....	954
NOTE: When necessary to relocate a guy insulator, add the following to above cost:	
(c) Insulator relocation.....	761

**TRANSFER COSTS
POWER CIRCUITS**

ITEM

21. Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:

	Transfer Arm	Transfer Conductor (splicing required)	Transfer Conductor (no splicing)
(a) 0-7.5kv single arm (includes service arm).....	709	633	543
(b) 0-7.5kv double arm.....	945	633	543
(c) 0-7.5kv double arm with reinforcing bracket.....	1375	633	591
(d) 0-7.5kv sidearm - single.....	752	752	679
(e) 0-7.5kv sidearm - double.....	1209	675	584
(f) 7.6-15kv single arm.....	1284	1357	1284
(g) 7.6-15kv double arm.....	1284	1357	1284
(h) 7.6-15kv sidearm - single.....	1357	1357	1284
(i) 7.6-15kv sidearm - double.....	1357	1357	1284
(j) 16-34kv single arm.....	1258	1189	1099
(k) 16-34kv double arm.....	1418	1189	1099
(l) 16-34kv double arm with reinforcing bracket.....	1849	1189	1099
(m) 16-34kv sidearm - single.....	1284	1357	1284
(n) 16-34kv sidearm - double.....	1619	1231	1140
(o) 66-115kv single arm.....	1357	1357	1357
(p) 66-115kv double arm.....	1357	1357	1357
(q) 66-115kv steel arm.....	1430	1357	1357

NOTE: Add Item 24 for bonding cost.

NOTES CONCERNING ITEMS 21 AND 22:

For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.

22. Dead ends - on arm or direct to pole, per each dead end, any conductor size:

(a) 0-750 volt secondary.....	571
(b) 750-7,500 volt primary.....	1037
(c) 7.6-115kv - 1 or 2 strain insulators.....	1747
(d) 7.6-115kv - 3 or 4 strain insulators.....	1847
(e) 7.6-115kv - 5 or 6 strain insulators.....	1647

NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost

AUTHORIZED COSTS

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ITEM

23. Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)	
(a) Horizontal to vertical 7.5-115kv single arm, per pole.....	2760
(a1) Triangular to Horizontal 7.5-115kv single arm, per pole	2357
(a2) Vertical to Horizontal 7.5-115kv single arm, per pole	2962
(b) Horizontal to vertical 7.5-115kv double arm, per pole.....	2760
(b1) Triangular to Horizontal 7.5-115kv double arm, per pole	2357
(b2) Vertical to Horizontal 7.5-115kv double arm, per pole	2962
NOTE: Cost of rebonding is included in above prices. Section 1.2 (signed JPA) is required to charge item 23. edited 11/16/2022	
24. Bonding, per pole:	
(a) Single circuit - all voltages.....	601
(b) Double circuit - all voltages.....	1201
25. Ground wire, including protective covering.....	746
26. Pole top switches (oil or open air): Price by field agreement Section 1.2 (cost to be estimated and agreed to by field engineers) edited 11/16/2022	
27. Racks and brackets, secondary:	
(a) Rack, 3 or 4 wire - direct to pole.....	791
plus conductor, each.....	495
(b) Bracket, triplex.....	569
plus triplex conductor.....	506
NOTE: If rack or bracket supports service drops only, omit specified line conductor cost and add Item 28. If service drops originate from line conductors, Item 28 is additional.	
28. Service conductors - transferring, raising or lowering:	
(a) #4 conductor of smaller (all service conductors). Edited 11/16/2022	336
(b) Larger than #4 conductor (all service conductors). Edited 11/16/2022	378
(c) Triplex/Quadruplex service conductors. Edited 11/16/2022	336
29. Transformers, including cutouts, heel arm, and lightning arresters (hanger arms or brackets are extra):	
(a) 1-1/2 to 25 kva, each.....	4908
(b) 30 to 167 kva, each.....	5513
(c) Mounting brackets, two transformers.....	604
NOTE: Section 1.2 (signed JPA) is required to charge item 29. If two transformers are on the same arm, deduct \$99 from the total; if three transformers are on the same arm, deduct \$246 from the total. Edited 11/16/2022	
30. Capacitors and associated equipment:	
(a) Capacitor bank, switched.....	7932
(b) Capacitor bank, non-switched.....	5005
31. Street lights:	
(a) Center suspension type - span end.....	1211
(b) Center suspension type - feed end.....	1816
(c) Goose neck or bracket type - open wire.....	1211
(d) Goose neck or bracket type - conduit on pole.....	1272
(e) Mast arm type.....	981
(f) Pole top pin and insulator - single.....	452
(g) Pole top pin and insulator - double.....	502
32. Meter or time switch control box: Price by field agreement	
33. Supports:	
(a) Single insulator, fiberglass.....	300
(b) Double insulator, fiberglass.....	325
(c) Support Triple insulator, fiberglass.....	266
(d) Pole top insulator, fiberglass.....	309
34. Support, single dead end, fiberglass.....	333

AUTHORIZED COSTS

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ITEM

35. Insulator mounting brackets:
(a) Single (vertical or horizontal)..... 759
(b) Double (vertical)..... 981
(c) Single, over 40kv..... 1108

36. Steel crossarm, squirrel cage bracket, including insulator:
(a) Single..... 805
(b) Double..... 805

37. Double circuit side mount insulators (“Dreyfuss Sunburst”)..... 14530

38. Insulator assembly bracket for endarm mountings..... 1089
NOTE: Refer to Item 21 for conductor cost

49. Transferring, raising, or lowering of power line equipment not listed:
Specify under this item number the nature thereof and the agreed cost.

**TRANSFER COSTS
COMMUNICATION CIRCUITS**

ITEM

74. Semi-circular cable guard (“U” guard): transferring..... 344

75. Guardarms - transferring, raising, or lowering, per arm (single/double). Edited 11/16/2022 497

78. Drive hook with wedge grip unit (“P” tie), either single drop wire or multiple drop wire including conductor - up to three wedge grips unit. Edited 11/16/2022. 252

79. Multiple distribution service wire on line pole..... 326

81. “C” rural wire (1 pair) - in line or on dead-end pole. Edited 11/16/2022 298

82. Cable arm with one cable - transferring, raising, or lowering:
(a) Cable arm w/ 1 cable, transferring, raising, or lowering - Single arm. Edited 11/16/2022 601
(b) Cable arm w/ 1 cable, transferring, raising, or lowering - Double arm. Edited 11/16/2022..... 716
(c) Extension arm (“F” or Alley arm)..... 676
(d) Additional cable (on separate messenger) on same arm..... 662
NOTE: The above prices do not include cable terminals.

83. (a) Cable attached direct to pole – Complete 555
(b) Cable attached (additional work required)..... 466

84. Messenger reinforcing units - strap or link each. Edited 11/16/2022..... 269

85. Messenger without cable - transferring, raising, or lowering: (See Item 82 for transfer of arms)
(a) Single arm (edited 11/16/2022) 556
(b) Double arm (edited 11/16/2022) 668
(c) Extension arm (“F” or Alley arm)..... 611
(d) Direct to pole..... 559

86. Messenger dead end, all sizes, with or without cable..... 504

87. Cable terminal transfer: (pole to pole, no splicing)
(a) Distribution cable terminal (25x - 50x)..... 378
(b) Feeder distribution interface..... 725
(c) Pole seat or balcony..... 326

88. Multiple distribution wire terminal transfer..... 326

AUTHORIZED COSTS

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ITEM

89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred) :

(a) All types of terminals except Ready Access-25 Pair or less.....	397
(b) Ready Access-24 Pair or less.....	397
(c) Ready Access-24 Pair to 50 Pair.....	683
NOTE -When necessary to use multiple distribution stub, add the following to cost above;	
(d) Multiple distribution stub for Ready Access type.....	626

NOTE-Costs of drop and/or line pair rearrangements and cable transfer are not included in the above prices and are added only when cost of transfer is made applicable under the Routine. For replacement of terminals larger than 50 pair, the cost is to be billed under Item #109.

91. Cable splicing, average cost per splice, per pair:

(a) 18 pair.....	@ 23.92 per pair.....	430
(b) 25 pair.....	@ 17.22 per pair.....	430
(c) 50 pair.....	@ 10.89 per pair.....	544
(d) 100 pair.....	@ 6.58 per pair.....	658
(e) 200 Pair.....	@ 6.19 per pair.....	1237
(f) 300 pair.....	@ 6.24 per pair.....	1873
(g) 400 pair.....	@ 5.85 per pair.....	2338
(h) 600 pair.....	@ 5.92 per pair.....	3553
(i) 700 pair.....	@ 5.90 per pair.....	4132
(j) 800 pair.....	@ 5.89 per pair.....	4712
(k) 900 pair.....	@ 5.56 per pair.....	5006
(l) 1200 pair.....	@ 5.86 per pair.....	7028

***Splice enclosure disassemble/re-assemble cost embedded in prices listed above.

***NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.

92. Cable risers, including pipe and molding, each:..... 411

93. Underground and terminal facilities:

Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Section 1.2 by special agreement)

94. Fiber Optic Splicing/Testing:

(a) FUSION	
(1) 24 strand.....	529
(2) 48 strand.....	1036
(3) 60 strand.....	1289
(4) 72 strand.....	1543
(5) 96 strand.....	1992
(6) 144 strand.....	3006
(7) 288 strand.....	6553
(8) Any size above and beyond by special agreement Section 1.2	

96. Intentionally left blank

97. Transfer meter circuit breaker box/disconnect box..... 702

109. Transferring, raising, or lowering of wireless equipment or communication equipment not listed:

Specify under this item number the nature thereof and the agreed cost under Section 1.2.

**INSTALLATION COSTS
GUYS AND ANCHORS**

ITEM

110. Guy wire, complete make-up:

(a) Overhead, span, or arm guy.....	1046
(b) Anchor guy.....	984
(c) Cutting-in an insulator in existing guy.....	567
(d) Attaching span guy to interset pole.....	603
(e) Guy guards.....	336

NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.

111. Anchors:

(a) Expanding Plate (Hand Dig).....	2135
(b) Expanding Plate (Truck Access).....	1035
(c) PISA (Screw Anchor).....	1126
(d) Hydraulically Driven (Mantaray).....	836
(e) Concreting an anchor.....	1029
(f) Sale of abandoned anchor to another utility – all sizes.....	1236
(g) Existing Anchor Purchase (Rear property).....	2028
(h) Existing Anchor Purchase (Street/alley).....	944

NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.

112. Sidewalk anchor fittings:

(a) 2" pipe brace and fittings.....	769
(b) 2-1/2" pipe brace and fittings.....	653
(c) 3" pipe brace and fittings.....	769
(d) Sale of abandoned pipe brace and fittings to another utility - all sizes.....	571

NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.

115. Heel/toe bracing pole:

(a) With treated wood blocks, new pole.....	1033
(b) With treated wood blocks, existing pole.....	1366
(c) With fiberglass blocks, new pole.....	1163
(d) With fiberglass blocks, existing pole.....	1547

116. Breast blocking only, new or existing pole:

(a) With treated wood block.....	1300
(b) With concrete block.....	1199
(c) With fiberglass block.....	1324

119. Installation of special guy equipment not listed:
Specify under this item number the nature thereof and the agreed cost (Section 1.2).

AUTHORIZED COSTS

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INSTALLATION COSTS POWER CIRCUITS

ITEM

120. Crossarms, standard line (pins and insulators are extra):
These are costs for installation or attachment to existing
(For attachment to existing, use arm cost only)

	Wooden Arm	CF Arm	Plus Conductor Each
(a) 0-7.5kv single arm (includes service).....	753	918	593
(b) 0-7.5kv double arm.....	889	1204	593
(c) 0-7.5kv double arm with reinforcing brackets.....	1305	1828	593
(d) 0-7.5kv sidearm - single.....	849	1211	752
(e) 0-7.5kv sidearm - double.....	1108	1383	635
(f) 7.6-15kv single arm.....	1211	1211	1211
(g) 7.6-15kv double arm.....	1211	1211	1211
(h) 7.6-15kv sidearm - single.....	1211	1211	1211
(i) 7.6-15kv sidearm - double.....	1211	1211	1211

	Wooden Arm	CF Arm	16-34KV	66-115KV
(j) 16-115kv single arm.....	981	1333	591	898
(k) 16-115kv double arm.....	1570	2224	997	1504
(l) 16-115kv double arm with reinforcing brackets.....	2222	2139	997	1504
(m) 16-115kv sidearm - single.....	995	1211	752	898
(n) 16-115kv sidearm - double.....	1948	2403	1039	1504

NOTE: For dead end on arms, omit the specified conductor cost and add Item 123.
 For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.

	Extension Complete	Plus Conductor Each
121. Pole top extensions, including arms (pins and insulators are extra):		
(a) 6 or 7 ft. extension.....	2488	806
(b) 8 or 9 ft. extension.....	3113	401

NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.

122. Insulators, including pins and hardware:

(a) 0-7.5kV pin type, each.....	520
(b) 11 or 16kV pin type, each.....	699
(c) 34kV pin type, each.....	887
(d) 66kV pin type, each.....	1211
(e) 11 and 16kV post type, each.....	696
(f) 34kV post type, each.....	905
(g) 66kV post type, each.....	1211
(h) 34 to 115kV suspension (strain) type, each insulator.....	833

AUTHORIZED COSTS

(Costs incurred or shared under this schedule shall apply for work that is to be performed)

ITEM

123. Dead ends, on arm or direct to pole, per each strain dead end:

(a) 0-750 volt secondary.....	519
(b) 750-7,500 volt primary.....	555
(c) 11 or 16kv - 1 strain insulator.....	696
(d) 11 or 16kv - 2 strain insulators.....	709
(e) 34kv - 4/0 conductor or smaller - 2 insulators.....	1211
(f) 34kv - 4/0 conductor or smaller - 3 insulators.....	773
(g) 34kv - larger than 4/0 conductor - 3 insulators.....	773
(h) 66 to 115kv - 4/0 conductor or smaller - 4 insulators.....	858
(i) 66 to 115kv - larger than 4/0 conductor - 4 insulators.....	858
(j) 750-7500 volt primary silicone insulators.....	238
(k) 34KV - silicone insulators.....	336

NOTE: Add \$112 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$313 for each additional insulator on item (h). Add \$313 for each additional insulator on item (i). See Item 120 for cost of arms.

124. Racks and brackets, secondary:

(a) Rack, 3 or 4 wire - direct to pole.....	556
plus conductor, each.....	712
(b) Bracket, Triplex.....	743
plus Triplex conductor, each	720

125. Ground assembly, complete..... 972

NOTE: For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.

126. Support:

(a) Single insulator, fiberglass.....	288
(b) Double insulator, fiberglass.....	396
(c) Triple insulator, fiberglass (intentionally left blank)	
(d) Pole top insulator, fiberglass.....	285

127. Support, single dead end, fiberglass..... 269

128. Insulator mounting bracket:

(a) Single (vertical or horizontal).....	590
(b) Double (vertical).....	1181
(c) Single, over 40kv.....	2422

129. Removed per Admin Board meeting 05/19/2021.

130. Removed per Admin Board meeting 05/19/2021.

131. Insulator assembly bracket for endarm mounting..... 1485

132. Mounting bracket:

(a) Two transformers.....	911
(b) Three transformers.....	1113

NOTE: Refer to Item 120 for conductor cost.

149. Installation of power line equipment not listed:
Specify under this item number the nature thereof and the agreed cost. (Special agreement Section 1.2)

AUTHORIZED COSTS

(Costs incurred or shared under this schedule shall apply for work that is to be performed)

INSTALLATION COSTS COMMUNICATION CIRCUITS

ITEM

159. Semi-circular cable guard (“U” guard): installation.....			426
160. Crossarms: (For installation or attachment to existing with service wire only)			
(a) Single wood service arm.....			377
(b) Double wood service arm.....			425
(c) Composite Fiberglass arm.....			272
(d) Attach to existing arm.....			No Charge
161. Guard Arms: (For installation or attachment to existing with service wire only)			
(a) Single wood service arm.....			377
(b) Double wood service arm.....			425
(c) Composite Fiberglass arm.....			272
(Rev 01/01/2017)			
163. Drive hook with wedge grip unit (“P” tie), either single drop or multiple drop wire, including conductor:			
(a) Drive hook with one wedge grip unit.....			159
(b) Additional wedge grip units on same hook, each.....			159
164. Cable arm: (For installation or attachment to existing)			
		Wooden	CF
(a) Single arm w/ one cable.....	215		215
(b) Double arm w/ one cable.....	215		215
(c) Extension arm (“F” or Alley arm) w/ one cable.....	215		215
(d) Additional cable (on separate messenger) on same arm.....			215
(e) Attach to existing cable arm.....			No Charge
165. Cable attached direct to interset pole, each.....			244
166. Messenger reinforcing units:			
(a) Reinforcing strap, each.....			244
167. Messenger without cable:			
(a) Single arm.....			1070
(b) Double arm.....			1070
(c) Extension arm (“F” or Alley arm).....			1070
(d) Direct to pole.....			1070
(e) Additional messenger.....			1070
168. Multiple distribution service wire attached to pole or arms.....			272
169. Protective covering - wood or plastic: (Box guard)			
Street light stds. (marbelite or metal), each location.....			187
NOTE: Billing is optional, depending on policy of utility.			
170. Bonding to secondary neutral ground, per pole.....			187
171. Intentionally left blank			
199. Installation of wireless equipment or communication equipment not listed:			
Specify under this item number the nature thereof and the agreed cost under Section 1.2.			