

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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January 17, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:45 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Ms. Lynn Prescott – Verizon Wireless
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson - AT&T Mobility
Ms. Samantha Carrillo – Time Warner Cable
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Kay Black – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Ms. Alicia Smith - Sprint Comm/Sprint-Nextel

Ms. DeBarge called the meeting to order at 11:45 a.m.

Agenda Item 1 – Review of prior month’s minutes: No changes.

Agenda Item 2 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – On hold until all members have submitted their Authorized Costs.

Agenda Item 3 – Review of Pending Authorized Cost Items –Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Mr. LaBarge presented the hourly cost of \$3700 per hour. This includes fuel, pilot, spotter and flight plan for a round trip. He informed the committee he is not familiar with the process from this point. Mr. Brown (LADWP) gave a tentative price of \$998.59 per hour with a 4-6 hour minimum. He's not completed sure how LADWP is planning to break the pricing down. They are discussing whether they should break it down by hour or by pole. Ms. Carmichael suggested leaving it as a 1.2 (special agreement). She feels each case will vary so section 1.2 will work just fine. Mr. LaBarge explained each case will vary but the hourly cost will not. Edison feels it would be best to assign an authorized cost for both helicopter and crane sets. After some discussion the Edison and LADWP decided to revisit next month.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Item to remain on the agenda until all Authorized Costs have been submitted.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal – Item is still under discussion in Routine Revision. Will revisit next month.

Agenda Item 8 – Review of 2017 Authorized Costs – Pending pricing from Edison and Frontier.

Agenda Item 9 – Review of 2017 Pole Prices – Pending pricing from Edison and Frontier. Ms. Pranata asked Mr. Kearns if Frontier would be submitting individual pole prices. Mr. Kearns explained he would do his best to get those submitted. Ms. Carmichael asked the committee when they are supposed to move forward without the members that have missed the deadline. After some discussion Ms. Hernandez suggested a final deadline of 2/10/2017. The committee agreed. Ms. Pranata then clarified if she does not receive pricing from Edison and Frontier by the 2/10/2017 deadline she will move forward with the prices submitted previously.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Ms. Black asked committee staff what they were doing with Finals that require 2017 pole prices and Authorized Costs. Ms. Allen explained staff is currently holding all finals that list sections 4.1B, 5.4 or 7.7. These all require 2017 pole prices. Ms. Hernandez asked why we would need 2017 for work completed in 2016. Ms. Allen explained we need 2017 prices to charge the penalty that is based on current year pricing per the Routine Handbook. Staff has been billing all 4.1B penalties this way since 2013. Ms. Hernandez didn't feel it was fair to charge the penalty according to current year when work was completed the year prior. She informed the committee she would further research this issue before the next Routine Revision meeting. Ms. Hernandez then asked Ms. Pranata to add

an item number to this topic. Ms. Pranata added item 1628- Unauthorized Attachment Penalty (Current Year). This item will be added to the Routine Revision Agenda.

Review of Action Items:

- LADWP and SCE to provide and average hourly cost for cranes per size as well as Helicopter costs. Must include pricing methodology.
- All members to submit 2017 Pole Prices by 2/10/2017.
- All members to submit 2017-2018 Authorized Costs by 2/10/2017.

The ad hoc meeting adjourned at 12:20 p.m. The next meeting is scheduled for February 14, 2017.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions**

Member Code	Member Name	2017 Auth Cost	Pole Prices		Comments	Member Code
			Individual	Weighted Average		
1	E Edison				Did not submit prices	E
2	FTR Frontier Communications				Did not submit prices	FTR
3	H AT&T CA	AC	I			H
4	M City of LA	AC	I			M
5	NG Crown Castle NG West Inc.				Did not submit prices	NG
6	ATC Verizon Wireless	AC		WA		ATC
7	J City of Riverside				Did not submit prices	J
8	D City of Anaheim				Did not submit prices	D
9	TCA Teleport Comm. America, LLC	AC		WA		TCA
10	A City of Glendale				Did not submit prices	A
11	ATS MCI Metro/ATS				Did not submit prices	ATS
12	B City of Burbank		I		First submission	B
13	MP City of Pasadena		I			MP
14	TWC Time Warner Cable			WA		TWC
15	SCW Golden State Water	AC	I			SCW
16	LAC AT&T Mobility	AC	I			LAC
17	NXT XO Communications	AC		WA		NXT
18	F City of Colton				Did not submit prices	F
19	MA City of Azusa				Did not submit prices	MA
20	COB City of Banning				Did not submit prices	COB
21	LLW City of Lompoc	AC	I			LLW
22	MCI MCI Telecomm				Did not submit prices	MCI
23	V City of Vernon			WA		V
24	NPN NewPath Networks				Did not submit prices	NPN
25	SPR Sprint Nextel Corp.	AC		WA		SPR
26	ICG Mpower Comm				Did not submit prices	ICG
27	PBM T-Mobile USA			WA	historically published individual costs - starting 2017 to be included in the weighted average	PBM
28	FON Sprint Comm, LP	AC		WA		FON
29	EXT ExteNet Systems				Did not submit prices	EXT
30	CCI CA-CLEC LLC				Did not submit prices	CCI
31	AMT ATC-Outdoor DAS, LLC				Did not submit prices	AMT
32	MOB Mobilite, LLC				Did not submit prices	MOB
Total Submitted Costs		10	7	8		
		Auth Cost	Individual	Weighted Average		

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
P/C			1 Power	1 Power	1 Comm	1 Power	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	10	
POLE MAINTENANCE AND MISCELLANEOUS														
1-Trenching/Moving 30'-35' WITH supply	Power	2470	2613			1959							2	2286
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449							2	2694
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776							2	3184
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429							2	3674
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245							1	4245
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225							1	5225
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123							1	6123
1-Trenching/Moving 100' WITH supply	Power	7202				6613							1	6613
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	6	990
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	6	990
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	6	1800
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	9	868
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	9	987
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	9	1328
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	9	1465
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990	8	1497
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990	8	1651
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990	8	1796
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990	8	1889
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	9	857
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	9	921
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	9	1022
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440	9	1758
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440	8	1519
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440	8	1551
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440	8	1583
4- Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690	8	3303
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	931	1306	1045	915	1094	810	810	810	810	810	810	10	922
5-B Removing From Service:Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	10	297
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	10	665
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	9	680
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	3	223
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980		511	1086	810	810	810	810	810	810	9	826
5-G PENDING Removing from service steel stub pole Needs more discussions 10/18/2016	Both													
5-H PENDING Removing from service fiberglass wrapped pole Needs more discussions 10/18/2016	Both													
6-A Pole Stubbing 8 Ft metal truss	Power	1273	1306										1	1306
6-B Pole Stubbing 10-11 Ft metal truss	Power	988	1306	1959		1695							3	1653
6-C Pole Stubbing 11 Ft metal truss	Power	1318	1633	1959		1695							3	1762
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695							2	1664
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960										1	1960
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286										1	2286
6-G Pole Stubbing 15.5 Ftmatal truss	Power	2308	2286										1	2286
6-H Pole Stubbing: Addtl metal trusses (all sizes)	Power	773	1306										1	1306
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1882	653			1191							2	922
6-J Pole Stubbing: ET (Extended) Truss (new item)	Power													#DIV/0!
7 - Intentionally left blank														
8-A Semi Cir. Pole Guards - Installation	Both	158			266	262							2	264
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232							2	180
9 Title: Hand Dig Pole Set/Hand Removal														
9A Hand Dig Pole Set/Hand Removal: Pole set; Not accessible to digging equipment	Both		1371	2090	1151	1306	1620	1620	1620	1620	1620	1620	10	1564

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			2090	1151	1306	1620	1620	1620	1620	1620	1620	9	1585
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both				1151	1306	1620	1620	1620	1620	1620	1620	8	1522
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:														
10-A Cement break and temporary repair	Both	1203	1732	523	266	922	1890	1890	1890	1890	1890	1890	10	1478
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	10	1389
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	10	996
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			816	847	1709	460	460	460	460	460	460	9	681
10-E ADA accessible ramp (new item)	Both		0		1219		14180	14180	14180	14180	14180	14180	7	12328
11-Joint Rights of Way-by special agreement														
#DIV/0!														
12-A-Reserved for future use														
#DIV/0!														
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174							2	153
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174							2	153
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174							2	153
12-E Pole Inspect/Treat-Reject	Power	49	133			174							2	153
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174							2	187
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Both	278	414		128		360	360	360	360	360	360	8	338
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	303	414		256	450	360	360	360	360	360	360	9	364
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.														
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13D (1) Traffic Control for joint construction work: Hourly rate for traffic control setup cones, signs, etc (new item)	Both				129		150	150	150	150	150	150	7	147
13D (2) Traffic Control for joint construction work: Hourly rate for flaggers (new item)	Both				128	217	85	85	85	85	85	85	8	107
13D (3) Traffic Control for joint construction work: Traffic control design per page, site specific. (new item)	Both				276		150	150	150	150	150	150	7	168
13E Helicopter Cost - pending Item do not enter cost	Both													#DIV/0!
13F Crane Cost - pending Item do not enter cost	Both													#DIV/0!
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	251	90		151	583	275	275	275	275	275	275	9	275
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	110	45		128	379	150	150	150	150	150	150	9	161
14-C PENDING Failure to complete Pole Removal (second trip to pole) Needs more discussions 10/18/2016														
#DIV/0!														
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	10	52
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	10	55
16-A Backhoe 2/hr minimum	Both	252	305		342	321	270	270	270	270	270	270	9	288
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	9	178
restoration:														
#DIV/0!														
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												#DIV/0!
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												#DIV/0!
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												#DIV/0!
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												#DIV/0!
18-A ModPole Material & Installation 9'	Power	5635	3025										1	3025
18-B ModPole Material & Installation 14'	Power	6411	3351										1	3351
18-C ModPole Material & Installation 18'	Power	6740	4005										1	4005
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	1946	1633	2090	1023	1518	1890	1890	1890	1890	1890	1890	10	1760

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19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2194	1960	2613	1534	2008	1890	1890	1890	1890	1890	1890	10	1945
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3057	3266		2046	3666	2790	2790	2790	2790	2790	2790	9	2857
TRANSFER COSTS GUY WIRES -----														#DIV/0!
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:														#DIV/0!
20- A All types and sizes, each end	Both	283	499		256	522	270	270	270	270	270	270	9	322
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	398	502		320	522	450	450	450	450	450	450	9	449
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	9	242
TRANSFER COSTS - POWER CIRCUITS -----														#DIV/0!
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:														#DIV/0!
21 - A 0-7.5 kv single Arm (includes service arm)														#DIV/0!
Transfer Arm	Power	407				604							1	604
Transfer Conductor (splicing required)	Power	338				310							1	310
Transfer Conductor (no splicing)	Power	228				212							1	212
21 - B 0-7.5 kv double arm														#DIV/0!
Transfer Arm	Power	791				1159							1	1159
Transfer Conductor (splicing required)	Power	338				310							1	310
Transfer Conductor (no splicing)	Power	228				212							1	212
reinforcing bracket														#DIV/0!
Transfer Arm	Power	999				2057							1	2057
Transfer Conductor (splicing required)	Power	338				310							1	310
Transfer Conductor (no splicing)	Power	228				212							1	212
21 - D 0-7.5kv sidearm - single														#DIV/0!
Transfer Arm	Power	261				0								#DIV/0!
Transfer Conductor (splicing required)	Power	391				0								#DIV/0!
Transfer Conductor (no splicing)	Power	261				0								#DIV/0!
21 - E 0-7.5kv sidearm - double														#DIV/0!
Transfer Arm	Power	1088				1652							1	1652
Transfer Conductor (splicing required)	Power	338				408							1	408
Transfer Conductor (no splicing)	Power	228				310							1	310
21 - F 7.6-15kv single arm														#DIV/0!
Transfer Arm	Power	261				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - G 7.6-15kv double arm														#DIV/0!
Transfer Arm	Power	522				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - H 7.6-15kv sidearm - single														#DIV/0!
Transfer Arm	Power	522				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - I 7.6-15kv sidearm - double														#DIV/0!
Transfer Arm	Power	913				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - J 16-34kv single arm														#DIV/0!
Transfer Arm	Power	1130				947							1	947
Transfer Conductor (splicing required)	Power	468				669							1	669
Transfer Conductor (no splicing)	Power	358				571							1	571
21 - K 16-34kv double arm														#DIV/0!
Transfer Arm	Power	1432				1323							1	1323
Transfer Conductor (splicing required)	Power	468				669							1	669
Transfer Conductor (no splicing)	Power	358				571							1	571
reinforcing bracket														#DIV/0!
Transfer Arm	Power	1714				2224							1	2224
Transfer Conductor (splicing required)	Power	468				669							1	669
Transfer Conductor (no splicing)	Power	358				571							1	571
21 - M 16-34kv sidearm - single														#DIV/0!
Transfer Arm	Power	652				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - N 16-34kv sidearm - double														#DIV/0!
Transfer Arm	Power	1779				1796							1	1796

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
Transfer Conductor (splicing required)	Power	468				767							1	767
Transfer Conductor (no splicing)	Power	358				669							1	669
21 - O 66-115kv single arm														
Transfer Arm	Power	783				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - P 66-115kv double arm														
Transfer Arm	Power	1044				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
21 - Q 66-115kv steel arm														
Transfer Arm	Power	1090				0								#DIV/0!
Transfer Conductor (splicing required)	Power	652				0								#DIV/0!
Transfer Conductor (no splicing)	Power	522				0								#DIV/0!
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:														
#DIV/0!														
22-A 0-750 volt secondary	Power	222				343							1	343
22-B 750-7,500 volt primary	Power	440				490							1	490
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633							1	1633
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763							1	1763
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								#DIV/0!
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost.														
#DIV/0!														
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)														
#DIV/0!														
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2064				2384							1	2384
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384							1	2384
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384							1	2384
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384							1	2384
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384							1	2384
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384							1	2384
NOTE: Cost of rebonding is included in above prices.														
#DIV/0!														
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359							1	359
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718							1	718
25 - Ground Wire, Incl. protective covering	Power	510				686							1	686
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)														
#DIV/0!														
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	300				229							1	229
Plus Conductor ea.	Power	205				163							1	163
27 - B Bracket, Triplex	Power	213				180							1	180
Plus Triplex conductor	Power	205				163							1	163
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.														
#DIV/0!														

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	130				212							1	212
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310							1	310
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212							1	212
29- A Transformers 1-1/2 to 25 KVA each	Power	2490				3902							1	3902
29- B Transformers 30 to 167 KVA each	Power	2751				3902							1	3902
29- C Mounting Brackets, two transformers	Power	298				474							1	474
NOTE: 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.														#DIV/0!
30-A Capacitors/capacitor bank switched	Power	4701				3429							1	3429
30-B Capacitors/capacitor bank non-switched	Power	2612				3200							1	3200
31-A Street Lights Ctr Susp type-span end	Power	1177				0								#DIV/0!
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								#DIV/0!
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								#DIV/0!
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571							1	571
31-E Street Lights Mast arm type	Power	627				571							1	571
31-F Street Lights Pole top pin and insulator-single	Power	143				276							1	276
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								#DIV/0!
32 Meter of Time Switch Control Box (Price by field agreement)														#DIV/0!
33-A Support single insulator fiberglass	Power	239				261							1	261
33-B Support Double insulator fiberglass	Power	239				300							1	300
33-C Support Triple insulator fiberglass	Power	239												#DIV/0!
33-D Support Pole Top insulator fiberglass	Power	239				276							1	276
34 Support, single deadend fiberglass	Power	239				261							1	261
35-A Insulator mounting brkets-single(ver-Hort)	Power	295				522							1	522
35-B Insulator mounting brkets-Double(vertical)	Power	360				1045							1	1045
35-C Insulator mounting brkets-Single, over 40KV	Power	783				0								#DIV/0!
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								#DIV/0!
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								#DIV/0!
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								#DIV/0!
38- Insulator assembly bracket for endarm mountings	Power	679				349							1	349
NOTE: Refer to Item 21 for conductor cost														#DIV/0!
39 - Stand-off brackets for jointly used risers (new item)	Power					0								#DIV/0!
40 - Transferring risers (new item)	Power					0								#DIV/0!
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)														#DIV/0!
TRANSFER COSTS - COMMUNICATION CIRCUITS														#DIV/0!
74-Semi-circular cable guard ("U" guard): transferring	Communication	205			128		270	270	270	270	270	270	7	250
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	7	268
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	7	277
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54			128		45	45	45	45	45	45	7	57
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	51			64		45	45	45	45	45	45	7	48

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	7	95
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	7	76
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	7	105
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	7	422
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	7	427
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	393			320		450	450	450	450	450	450	7	431
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	331			352		450	450	450	450	450	450	7	436
NOTE: The above prices do not include cable terminals.														
#DIV/0!														
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	7	250
83-B Cable attached (additional work required) (new item)	Communication				32		180	180	180	180	180	180	7	159
84-A Messenger reinforcing units-Strap each	Communication	179			64		270	270	270	270	270	270	7	241
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	7	241
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	7	250
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	7	254
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	7	263
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	7	259
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	7	259
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	7	250
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	7	345
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	7	363
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	7	251
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								1	548
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								1	357
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								1	448
NOTE-When necessary to use multiple distribution stub, add the following to cost above;														
#DIV/0!														
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								1	558
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.														
#DIV/0!														
91-A Cable Splicing/per splice/per pair=18 pr	Communication	343			160		321	321	321	321	321	321	7	298
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	7	307
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	7	366
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	7	558
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	7	838
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	7	1136
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	7	1338

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	7	1864
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	7	2153
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	7	2462
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	7	2780
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	7	3599
<p>Note: 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.</p>														
#DIV/0!														
92 - Cable risers, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	7	334
<p>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. (Sec 1.2 by special agreement)</p>														
#DIV/0!														
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1384			1779		1851	1851	1851	1851	1851	1851	7	1841
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	7	2851
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	7	3586
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	7	4110
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	7	5317
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	7	7330
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	7	13761
<p>94-A-8 Any size above and beyond by special agreement Section 1.2</p>														
#DIV/0!														
97-Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	7	724
<p>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.</p>														
#DIV/0!														
INSTALLATION COSTS - GUYS AND ANCHORS -----														
#DIV/0!														
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	9	438
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	9	425
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	9	373
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	9	403
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	9	375
<p>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.</p>														
#DIV/0!														
111 - A Anchors-expanding plate(handDig)	Both	974	1079		949	1435	810	810	810	810	810	810	9	925
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	9	730
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	10	748
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	9	716
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	8	337
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	8	199
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	8	533
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	8	301

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
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.														
#DIV/0!														
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0		618	0	270	270	270	270	270	270	7	320
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	9	308
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	7	320
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	272	0		150	0	270	270	270	270	270	270	7	253
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.														
#DIV/0!														
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	471	653		484	0	450	450	450	450	450	450	8	480
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	8	766
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	9	559
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	9	995
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	8	645
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	8	647
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	9	682
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).														
#DIV/0!														
INSTALLATION COSTS - POWER CIRCUITS -----														
#DIV/0!														
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)														
#DIV/0!														
120 - A 0-7.5KV single WOOD arm	Power	316				371							1	371
CF ARM	Power	463				505							1	505
Plus conductor	Power	206				212							1	212
120 - B 0-7.5KV Double WOOD arm	Power	619				697							1	697
CF ARM	Power	889				966							1	966
Plus conductor	Power	206				212							1	212
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684							1	1684
CF ARM	Power	1347				1953							1	1953
Plus conductor	Power	250				212							1	212
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
Plus conductor	Power	217				0								#DIV/0!
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086							1	1086
CF ARM	Power	799				1279							1	1279
Plus conductor	Power	250				310							1	310
120 - F 7.6-15KV Single WOOD arm	Power	302				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
Plus conductor	Power	217				0								#DIV/0!
120 - G -7.6-15KV Double WOOD arm	Power	602				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
Plus conductor	Power	217				0								#DIV/0!
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
Plus conductor	Power	217				0								#DIV/0!
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
Plus conductor	Power	217				0								#DIV/0!
120 - J Crossarms-WOOD, standard line-16-115KV Single arm	Power	613				525							1	525
CF ARM	Power	705				659							1	659

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
16-34KV	Power	255				212							1	212
66-115KV	Power	315				0								#DIV/0!
120 -K Crossarms-WOOD, standard line-16-115KV Double arm	Power	802				1348							1	1348
CF ARM	Power	780				1617							1	1617
16-34KV	Power	482				212							1	212
66-115KV	Power	631				0								#DIV/0!
120 -L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brackets	Power	1089				2172							1	2172
CF ARM	Power	1567				2441							1	2441
16-34KV	Power	865				212							1	212
66-115KV	Power	865				0								#DIV/0!
120 -M Crossarms-WOOD, standard line-16-115KV Sidearm single	Power	460				0								#DIV/0!
CF ARM	Power					0								#DIV/0!
16-34KV	Power	460				0								#DIV/0!
66-115KV	Power	460				0								#DIV/0!
120 -N Crossarms-WOOD, standard line-16-115KV Sidearm Double	Power	785				1737							1	1737
CF ARM	Power	1438				1930							1	1930
16-34KV	Power	495				310							1	310
66-115KV	Power	706				0								#DIV/0!
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.														
#DIV/0!														
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	1556				1030							1	1030
Plus conductor	Power	250				310							1	310
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668							1	1668
Plus conductor	Power	250				310							1	310
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.														
#DIV/0!														
122 -A Insulators incl. Pins/hardware/0-7.5kV pin type ea	Power	99				142							1	142
122 -B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0								#DIV/0!
122 -C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446							1	446
122 -D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0								#DIV/0!
122 -E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0								#DIV/0!
122 -F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474							1	474
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	390				0								#DIV/0!
122 -H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0								#DIV/0!
122 -I Silicone Insulators 0-7.5kV pin type, ea	Power					0								#DIV/0!
122 -J Silicone Insulators 11 or 16kV pin type, ea	Power					0								#DIV/0!
122 -K Silicone Insulators 34kV pin type, ea	Power					0								#DIV/0!
122 -L Silicone Insulators 66kV pin type, ea	Power					0								#DIV/0!
122 -M Silicone Insulators 11 and 16kV post type, ea	Power					0								#DIV/0!
122 -N Silicone Insulators 34kV post type, each	Power					0								#DIV/0!
122 -O Silicone Insulators 66kV post type, ea	Power					0								#DIV/0!
122 -P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power					0								#DIV/0!

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123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103				155							1	155
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121				198							1	198
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								#DIV/0!
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								#DIV/0!
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								#DIV/0!
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290							1	290
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324							1	324
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								#DIV/0!
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	1135				0								#DIV/0!
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	172				201							1	201
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	303				324							1	324
NOTE:														
Add \$74 for each additional insulator on items (c) to (d).	Power	74				0								#DIV/0!
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								#DIV/0!
Add \$180 for each additional insulator on item (g).	Power	180				0								#DIV/0!
Add \$246 for each additional insulator on item (h).	Power	246				0								#DIV/0!
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								#DIV/0!
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206							1	206
Plus conductor ea.	Power	183				163							1	163
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156				155							1	155
Plus triplex conductor ea.	Power	185				163							1	163
125 - Ground assembly, complete	Power	462				574							1	574
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.														
#DIV/0!														
126-A Support: single insulator, fiberglass	Power	216				228							1	228
126-B Support: Double insulator, fiberglass	Power	265				309							1	309
126-C Support: Triple insulator, fiberglass	Power	178				0								#DIV/0!
126-D Support: Pole Top insulator, fiberglass	Power	220				238							1	238
127 Support, single dead end fiberglass	Power	225				237							1	237
128-A Insulator mounting bracket-single(vert or Hort)	Power	292				468							1	468
128-B Insulator mounting bracket-Double(vertical)	Power	292				937							1	937
128-C Insulator mounting bracket-Single over 40KV	Power	841				0								#DIV/0!
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power	550				0								#DIV/0!
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power	491				0								#DIV/0!
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308				0								#DIV/0!
131 Insulator assembly bracket for endarm mounting	Power	646				411							1	411
132-A mounting bracket: two transformers	Power	389				480							1	480
132-B mounting bracket: three transformers	Power	599				673							1	673

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
NOTE: Refer to Item 120 for conductor cost.														#DIV/0!
149 - Installation of power line equip. not listed-Special Agreement 1.2.														#DIV/0!
INSTALLATION COSTS - COMMUNICATION CIRCUITS														#DIV/0!
159-Semi-circular cable guard ("U" guard): installation														
	Communication	163			150		180	180	180	180	180	180	7	176
160 - A Crossarms-single wood service														
	Communication	234			310		270	270	270	270	270	270	7	276
160-B Crossarms-Double wood service														
	Communication	261			492		270	270	270	270	270	270	7	302
160-C Crossarms/Composite Fiberglass Arm														
	Communication	232			0		270	270	270	270	270	270	6	270
160-D Crossarms-Attach to existing arm no charge														#DIV/0!
161 - A Guardarm-single wood service														
	Communication	243			310		270	270	270	270	270	270	7	276
161-B -Guardarms-Double wood service														
	Communication	280			492		360	360	360	360	360	360	7	379
161-C -Guardarms-Composite Fiberglass														
	Communication	225			0		270	270	270	270	270	270	6	270
163 - A Drive hook W/wedge grip unit-one wedge grip unit														
	Communication	91			130		45	45	45	45	45	45	7	57
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each														
	Communication	49			66		45	45	45	45	45	45	7	48
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable														
	Communication	233			308		270	270	270	270	270	270	7	275
CF ARM														
	Communication	188			0		200	200	200	200	200	200	6	200
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable														
	Communication	253			423		270	270	270	270	270	270	7	292
CF ARM														
	Communication	200			0		200	200	200	200	200	200	6	200
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable														
	Communication	230			433		270	270	270	270	270	270	7	293
CF ARM														
	Communication	182			0		200	200	200	200	200	200	6	200
164 - D Cable arm(install or attach to existing)-Additional cable/separ.mess.on same arm														
	Communication	202			139		270	270	270	270	270	270	7	251
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm-NO CHARGE														#DIV/0!
165 - Cable attached direct to interset pole, each														
	Communication	192			197		270	270	270	270	270	270	7	260
166 - A Messenger reinforcing units-reinforcing strap ea.														
	Communication	73			69		68	68	68	68	68	68	7	68
167 - A Messenger without cable - single arm														
	Communication	248			267		270	270	270	270	270	270	7	270
167 - B Messenger without cable - Double arm														
	Communication	249			278		270	270	270	270	270	270	7	271
167 - C Messenger without cable - Extension arm														
	Communication	248			267		270	270	270	270	270	270	7	270
167 - D Messenger without cable - Direct to pole														
	Communication	248			267		270	270	270	270	270	270	7	270
167 -E Messenger without cable - additional messenger														
	Communication	234			75		270	270	270	270	270	270	7	242
168 - Multiple distribution service wire attached to pole/arm														
	Communication	92			133		90	90	90	90	90	90	7	96
169 -Protective covering - wood or plastic:(Box guard) Street light stds. (marbelite or metal), each location														
	Communication	90			182		90	90	90	90	90	90	7	103
NOTE: Billing is optional, depending on policy of utility.														#DIV/0!
170 - Bonding to secondary neutral ground, per pole														
	Communication	123			64		180	180	180	180	180	180	7	163
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.														
LEGEND: = Do not enter price														
= Notes, do not enter price														
Column/Element Definitions														
Authorized costs should not include any of the components embeded in pole prices (see Definitions of Pole Price Element).														
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.														

SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 02

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	Total # of Submitted Price	2017-2018 PRICE (formula)
Column 2: <u>Power/Communication/Both</u>														
This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.														
Column 3: <u>Direct Labor (loaded)</u>														
The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.														
Column 4: <u>Total Labor Hours</u>														
The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.														
Column 5: <u>Total Direct Labor</u>														
This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.														
Column 6: <u>Material Cost (FOB)</u>														
The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.														
Column 7: <u>Equipment Expense</u>														
The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.														
Column 8: <u>General and Administrative</u>														
The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.														
Column 9: <u>Total Cost</u>														
The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.														
*** 08/16/2016: Item 19 authorized cost calculation is determined by:														
1. Labor required in preparation to relocate top portion of the old pole.														
2. Relocation and support of the top portion of the old pole.														
3. Include the cost associated with supporting cables and conductors.														

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

Weighted average pole costs are computed as follows: The pole costs submitted for each pole height are multiplied by the number of poles, per pole height, set by the submitting members in the last year. The total of these costs are then divided by the total number of poles, per pole height, set by each submitting member in the last year. The resulting figure is the weighted average pole cost. The weighted average of Cost F.O.B. becomes the salvage value.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
TCA		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
SPR		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
FON		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
NXT	4	237.38	2.00	6.00	1899.04	1223.49			147.13		3270	1	1223	3270
PBM		63.00	10.50	16.80	1719.90	488.25 **	*		*	*	2208	1	488	2208
	Salvage	607									TOTALS	13800	6	3643
									Wgt Ave		2300			607
	2016 PRICE	PROP. 2017	% CHG.											
	2438	2300	-6											

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	4	2477	7906
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976
SPR		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
FON		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
NXT	4	237.38	2.00	6.00	1899.04	1371.98			147.13		3418	1	1372	3418
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230
PBM		63.00	10.50	18.90	1852.2	611.10 **	*		*	*	2463	1	611	2463
	Salvage	760									TOTALS	18967	10	7599
									Wgt Ave		2490			760
	2016 PRICE	PROP. 2017	% CHG.											
	2518	2490	-1											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

35' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS				and	&				
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75*		N/A	174.64	2166	2	1509	4332	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75*		N/A	174.64	2166	1	754	2166	TCA
SPR		65.00	6.00	12.00	1170.00	625.00(**)		468.00	78.00	175.50	2517	1	625	2517	SPR
FON		65.00	6.00	12.00	1170.00	625.00(**)		468.00	78.00	175.50	2517	1	625	2517	FON
NXT	4	237.38	2.00	6.00	1899.04	1523.22			147.13		3569	1	1523	3569	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	18.90	1852.20	756.00**	*	*	*	*	2608	1	756	2608	PBM
V	2	92.58	1.00	4.00	462.9	410.00	41	416	200	100	1630	1	410	1630	V
											0	0	0	0	
	Salvage	845									TOTALS	21402	9	7602	23568
									Wgt Ave		2619			845	

2016	PROP.	%
PRICE	2017	CHG.
2508	2619	4

40' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS				and	&				
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44*		N/A	238.14	2887	3	2943	8660	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44*		N/A	238.14	2887	1	981	2887	TCA
SPR		65.00	8.00	14.00	1430.00	728.00(**)		572.00	78.00	214.50	3023	1	728	3023	SPR
FON		65.00	8.00	14.00	1430.00	728.00(**)		572.00	78.00	214.50	3023	1	728	3023	FON
NXT	4	237.38	2.00	6.00	1899.04	1673.08			147.13		3719	1	1673	3719	NXT
PBM		63.00	10.50	27.30	2381.40	924.00**	*	*	*	*	3305	1	924	3305	PBM
V	2	92.58	1.00	4.00	462.90	450.00	45.00	416.00	200.00	100.00	1674	1	450	1674	V
V	1	92.58	1.00	4.00	462.90	570.00	57.00	416.00	200.00	100.00	1806	1	570	1806	V
	Salvage	900									TOTALS	22323	10	8998	28096
									Wgt Ave		2810			900	

2016	PROP.	%
PRICE	2017	CHG.
2741	2810	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

45' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS									F.O.B.	EXP
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A		333.40	3354	4	4988	13416	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A		333.40	3354	1	1247	3354	TCA
SPR		65.00	8.00	18.00	1690.00	985.00	(**)		676.00	78.00	253.50	3683	2	1970	7365	SPR
FON		65.00	8.00	18.00	1690.00	985.00	(**)		676.00	78.00	253.50	3683	1	985	3683	FON
NXT	4	237.38	2.00	6.00	1899.04	1828.44				147.13		3875	1	1828	3875	NXT
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	*	3606	5	5460	18029	PBM
V	1	92.58	1.00	5.00	555.48	750.00	75.00		416.00	200.00	100.00	2096	1	750	2096	V
V	H4	92.58	1.00	5.00	555.48	1300.00	130.00		416.00	200.00	100.00	2701	1	1300	2701	V
	Salvage	1158										TOTALS	26351	16	18528	54519
									Wgt Ave			3407		1158		

2016 PRICE	PROP. 2017	% CHG.
2806	3407	21

50' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS									F.O.B.	EXP
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A		333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A		333.40	4017	1	1356	4017	TCA
SPR		65.00	10.00	20.00	1950.00	1025.00	(**)		780.00	78.00	292.50	4126	1	1025	4126	SPR
FON		65.00	10.00	20.00	1950.00	1025.00	(**)		780.00	78.00	292.50	4126	1	1025	4126	FON
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	*	4171	4	5040	16682	PBM
V	1	92.58	1.00	8.00	833.22	900.00	90.00		416.00	200.00	100.00	2539	33	29700	83794	V
V	H2	92.58	1.00	8.00	833.22	1450.00	145.00		416.00	200.00	100.00	3144	1	1450	3144	V
V	H5	92.58	1.00	8.00	833.22	1750.00	175.00		416.00	200.00	100.00	3474	1	1750	3474	V
	Salvage	993										TOTALS	29614	43	42703	123381
									Wgt Ave			2869		993		

2016 PRICE	PROP. 2017	% CHG.
3760	2869	-24

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

55' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL			
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS			
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	2	3041	8723	ATC		
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	TCA		
SPR		65.00	10.00	26.00	2340.00	1530.00	(**)	936.00	78.00	351.00	5235	1	1530	5235	SPR		
FON		65.00	10.00	26.00	2340.00	1530.00	(**)	936.00	78.00	351.00	5235	1	1530	5235	FON		
PBM		63.00	10.50	39.90	3175.20	1443.75	**	*	*	*	4619	1	1444	4619	PBM		
V	1	92.58	1.00	8.00	833.22	975.00	97.50	416.00	200.00	100.00	2622	33	32175	86517	V		
V	H2	92.58	1.00	8.00	833.22	1500.00	150.00	416.00	200.00	100.00	3199	1	1500	3199	V		
	Salvage	1068															
										TOTALS	29633	40	42740	117890			
									Wgt Ave		2947		1068				

2016	PROP.	%
PRICE	2017	CHG.
3892	2947	-24

60' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL			
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS			
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	1	1693	4893	ATC		
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	1	1693	4893	TCA		
SPR		65.00	10.00	30.00	2600.00	2100.00	(**)	1340.00	78.00	390.00	6508	1	2100	6508	SPR		
FON		65.00	10.00	30.00	2600.00	2100.00	(**)	1340.00	78.00	390.00	6508	1	2100	6508	FON		
V	1	92.58	1.00	8.00	833.22	1400.00	140.00	548.00	200.00	100.00	3221	7	9800	22549	V		
V	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	1	1900	3771	V		
V	H5	92.58	1.00	8.00	833.22	2300.00	230.00	548.00	200.00	100.00	4211	1	2300	4211	V		
	Salvage	1661															
										TOTALS	34005	13	21587	53332			
									Wgt Ave		4102		1661				

2016	PROP.	%
PRICE	2017	CHG.
4334	4102	-5

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
SPR		65.00	18.00	38.00	3640.00	2480.00 (**)		1876.00	78.00	546.00	8620	1	2480	8620
FON		65.00	18.00	38.00	3640.00	2480.00 (**)		1876.00	78.00	546.00	8620	1	2480	8620
V	2	92.58	1.00	8.50	879.51	1650.00	165.00	548.00	200.00	100.00	3543	6	9900	21255
V	1	92.58	1.00	8.50	879.51	1660.00	166.00	548.00	200.00	100.00	3554	1	1660	3554
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763
	Salvage	1855												
										TOTALS	38583	12	22256	56296
									Wgt Ave		4691		1855	

2016	PROP.	%
PRICE	2017	CHG.
5560	4691	-16

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
SPR		75.00	20.00	40.00	4500.00	2750.00 (**)		2010.00	78.00	675.00	10013	1	2750	10013
FON		75.00	20.00	40.00	4500.00	2750.00 (**)		2010.00	78.00	675.00	10013	1	2750	10013
V	2	92.58	1.00	9.00	925.80	1650.00	165.00	548.00	200.00	100.00	3589	4	6600	14355
V	1	92.58	1.00	9.00	925.80	1780.00	178.00	548.00	200.00	100.00	3732	1	1780	3732
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106
V	H5	92.58	1.00	9.00	925.80	2950.00	295.00	548.00	200.00	100.00	5019	1	2950	5019
	Salvage	2316												
										TOTALS	51858	11	25473	62624
									Wgt Ave		5693		2316	

2016	PROP.	%
PRICE	2017	CHG.
7384	5693	-23

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082	SPR
FON		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082	FON
V	1	92.58	1.25	9.00	948.95	1720.00	172.00	736.00	200.00	100.00	3877	2	3440	7754	v
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405	V
	Salvage	2368													
										TOTALS	30445	5	11840	34322	
	2016	PROP.	%						Wgt Ave		6864				
	PRICE	2017	CHG.												
	7484	6864	-8												

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391	SPR
FON		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391	FON
V	1	92.58	1.25	9.00	948.95	2890.00	289.00	736.00	200.00	100.00	5164	1	2890	5164	V
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230	V
	Salvage	3210													
										TOTALS	41175	4	12840	41175	
									Wgt Ave		10294				
	2016	PROP.	%												
	PRICE	2017	CHG.												
	11806	10294	-13												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

85' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262	SPR
FON		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262	FON
V	1	92.58	1.25	10.00	1041.53	2910.00	291.00	736.00	200.00	100.00	5279	1	2910	5279	V
V	H2	92.58	1.25	10.00	1041.53	3300.00	330.00	736.00	200.00	100.00	5708	1	3300	5708	V
	Salvage	3653									TOTALS	4	14610	45510	
	2016 PRICE	PROP. 2017	% CHG.						Wgt Ave		11378				
	16561	11378	-31												

90' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901	SPR
FON		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901	FON
V	2	92.58	1.25	10.00	1041.53	3600.00	360.00	736.00	200.00	100.00	6038	1	3600	6038	V
V	1	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248	V
V	H2	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248	V
V	H3	92.58	1.25	10.00	1041.53	3950.00	395.00	736.00	200.00	100.00	6423	1	3950	6423	V
	Salvage	4082									TOTALS	6	24490	64756	
	2016 PRICE	PROP. 2017	% CHG.						Wgt Ave		10793				
	19648	10793	-45												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986	SPR
FON		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986	FON
V	1	92.58	1.25	10.00	1041.53	2600.00	260.00	736.00	200.00	100.00	4938	1	2600	4938	V
V	H2	92.58	1.25	10.00	1041.53	2900.00	470.00	736.00	200.00	100.00	5448	1	2900	5448	V
	Salvage	4375													
										TOTALS	58356	4	17500	58356	
									Wgt Ave		14589				

2016	PROP.	%
PRICE	2017	CHG.
23687	14589	-38

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063	SPR
FON		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063	FON
V	2	92.58	1.25	11.00	1134.11	3000.00	470.00	736.00	200.00	100.00	5640	1	3000	5640	V
V	1	92.58	1.25	11.00	1134.11	3200.00	470.00	736.00	200.00	100.00	5840	1	3200	5840	V
V	H3	92.58	1.25	11.00	1134.11	6450.00	470.00	736.00	200.00	100.00	9090	1	6450	9090	V
	Salvage	5330													
										TOTALS	74696	5	26650	74696	
									Wgt Ave		14939				

2016	PROP.	%
PRICE	2017	CHG.
26741	14939	-44

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118
FON		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118
											0		0	0
	Salvage	8000												
										TOTALS	60236	2	16000	60236
									Wgt Ave		30118			

2016 PRICE	PROP. 2017	% CHG.
29750	30118	1

NOTES:

- ATC Equipment expense included in column Direct Labor (loaded)
- TCA Equipment expense included in column Direct Labor (loaded)
- SPR Supply expense included in column Material Cost (FOB)
- FON Supply expense included in column Material Cost (FOB)
- PBM Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

Call Back Telephone Number & Email: **(818)238-3639 aarraj@burbankca.gov**

***** Weighted Average Individual Costs (First year)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 30, 2016

SCJPC Member Utility submitting: **Pasadena Water & Power**

Person completing worksheet: **Joe Armstrong**

Call Back Telephone Number & Email: **626-744-3705 / jarmstrong@cityofpasadena.net**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'	5	108.18	8.5	12	2217.69	215.48	64.64	186.94	191.88	1445.74	4322.38	4252.84	2%
30'	5	108.18	8.5	12	2217.69	302.17	90.65	186.94	191.88	1445.74	4435.07	4365.54	2%
35'	5	108.18	8.5	12	2217.69	358.13	107.44	186.94	191.88	1445.74	4507.82	4438.29	2%
40'	5	108.18	8.5	13	2325.87	672.1	201.63	186.94	191.88	1510.65	5089.07	5016.14	1%
45'	3	108.18	8.5	13	2325.87	812.71	243.81	186.94	191.88	1510.65	5271.86	5198.93	1%
50'	3	108.18	8.5	14	2434.05	934.39	280.32	186.94	191.88	1575.56	5603.14	5526.82	1%
55'	2	108.18	8.5	14	2434.05	1095.83	328.75	186.94	191.88	1575.56	5813.01	5720.63	2%
60'	2	108.18	8.5	14	2434.05	1257.1	377.13	186.94	191.88	1575.56	6022.66	5946.34	1%
65'	2	108.18	8.5	14	2434.05	1398.67	419.60	186.94	191.88	1575.56	6206.70	6018.72	3%
70'	2	108.18	8.5	15	2542.23	1891.5	567.45	186.94	191.88	1640.47	7020.47	6834.69	3%
75'	2	108.18	8.5	15	2542.23	2240.71	672.21	186.94	191.88	1640.47	7474.439	7254.14	3%
80'	2	108.18	8.5	16	2650.41	2394.68	718.40	186.94	191.88	1705.37	7847.69	7764.58	1%
85'	2	108.18	8.5	16	2650.41	2660.43	798.13	186.94	191.88	1705.37	8193.16	8110.06	1%
90'	2	108.18	8.5	16	2650.41	2967.56	890.27	186.94	191.88	1705.37	8592.43	8509.33	1%
95'	2	108.18	8.5	16	2650.41	3596.25	1078.88	186.94	191.88	1705.37	9409.73	9326.63	1%
100'	H1	108.18	8.5	16	2650.41	4054.7	1216.41	186.94	191.88	1705.37	10005.71	9922.61	1%
110'	H1	108.18	8.5	16	2650.41	6523.40	1957.02	186.94	191.88	1705.37	13215.024	13131.92	1%

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **SCW (Bear Valley)**

Person completing worksheet: _____

Call Back Telephone Number & Email: _____

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12		
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		\$0.00	0	0	\$0.00						0		
30'		\$0.00	0	0	\$0.00						0		
35'	3	\$94.90	1	4	\$474.50	479.61	0	489.6	206.04	446.6	2096.35	2078.83	1%
40'	1	\$94.90	1	4	\$474.50	824.05	0	489.6	206.04	446.6	2440.79	2187.75	12%
45'	1	\$94.90	1	5	\$569.40	980.13	0	489.6	206.04	446.6	2691.77	2520.01	7%
50'	1	\$94.90	1	8	\$854.10	1115.83	0	489.6	206.04	446.6	3112.17	3859.87	-19%
55'	H3	\$94.90	1	8	\$854.10	2083.38	0	489.6	206.04	446.6	4079.72	3651.54	12%
60'	H2	\$94.90	1	8	\$854.10	1983.3	0	589.96	206.04	446.6	4080	3889.1	5%
65'	H4	\$94.90	1	8.5	\$901.55	2474.73		558.96	206.04	446.6	4587.88	4427.49	4%
70'		\$0.00	0	0	\$0.00						0		
75'		\$0.00	0	0	\$0.00						0		
80'		\$0.00	0	0	\$0.00						0		
85'		\$0.00	0	0	\$0.00						0		
90'		\$0.00	0	0	\$0.00						0		
95'		\$0.00	0	0	\$0.00						0		
100'		\$0.00	0	0	\$0.00						0		
110'		\$0.00	0	0	\$0.00						0		

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually, or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **City of Lompoc**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12		
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	2172	24%
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	2289.72	23%
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	3453.6	-2%
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	2942.28	23%
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	2999.52	28%
55'		0	0	0	0						0		
60'		0	0	0	0						0		
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **YVONNE JOHNSON**

Call Back Telephone Number & Email: **818-898-2352 YVONNE.JOHNSON@CABLEENG.COM**

Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	1789.77	0%
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **AT&T California**

Person completing worksheet: **Manijeh Carmichael**

Call Back Telephone Number & Email: **(626) 578-3677 mn2861@att.com**

Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		128	1	9	1280	247			151	75	1753	1629	8%
30'		128	1	9	1280	288			151	75	1794	1664	8%
35'		128	1	12	1664	352			151	75	2242	2080	8%
40'		128	1	12	1664	458			151	75	2348	2173	8%
45'		128	1	12	1664	535			151	75	2425	2240	8%
50'		128	1	12	1664	708			151	75	2598	2391	9%
55'		128	1	15	2048	828			151	75	3102	2856	9%
60'		128	1	15	2048	1097			151	75	3371	N/A	#VALUE!
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

**2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement**

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

***** Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	3	138.80	4	16.65	\$2,866.22	\$428.00	\$89.88	\$281.01	\$178.64	\$224.81	\$4,069	3448	18%
40'	3	138.80	4	16.65	\$2,866.22	\$522.00	\$109.62	\$281.01	\$178.64	\$224.81	\$4,182	3562	17%
45'	2	138.80	4	16.65	\$2,866.22	\$709.00	\$148.89	\$281.01	\$178.64	\$224.81	\$4,409	3788	16%
50'	2	138.80	4	16.65	\$2,866.22	\$822.00	\$172.62	\$281.01	\$178.64	\$224.81	\$4,545	3925	16%
50'	H3	138.80	4	16.65	\$2,866.22	\$1,615.00	\$339.15	\$281.01	\$178.64	\$224.81	\$5,505	4884	13%
55'	2	138.80	4	16.65	\$2,866.22	\$964.00	\$202.44	\$281.01	\$178.64	\$224.81	\$4,717	4097	15%
55'	H3	138.80	4	16.65	\$2,866.22	\$1,912.00	\$401.52	\$281.01	\$178.64	\$224.81	\$5,864	5244	12%
60'	2	138.80	4	16.65	\$2,866.22	\$1,117.00	\$234.57	\$281.01	\$178.64	\$224.81	\$4,902	4282	14%
65'	2	138.80	4	19.85	\$3,310.38	\$1,322.00	\$277.62	\$324.55	\$178.64	\$259.65	\$5,673	4772	19%
70'	2	138.80	4	19.85	\$3,310.38	\$1,453.00	\$305.13	\$324.55	\$178.64	\$259.65	\$5,831	4931	18%
70'	H3	138.80	4	19.85	\$3,310.38	\$2,810.00	\$590.10	\$324.55	\$178.64	\$259.65	\$7,473	6573	14%
75'	2	138.80	4	19.85	\$3,310.38	\$1,704.00	\$357.84	\$324.55	\$178.64	\$259.65	\$6,135	5234	17%
80'	2	138.80	4	19.85	\$3,310.38	\$1,950.00	\$409.50	\$324.55	\$178.64	\$259.65	\$6,433	5532	16%
85'	2	138.80	4	19.85	\$3,310.38	\$2,191.00	\$460.11	\$324.55	\$178.64	\$259.65	\$6,724	5824	15%
90'	2	138.80	4	19.85	\$3,310.38	\$2,576.00	\$540.96	\$324.55	\$178.64	\$259.65	\$7,190	6289	14%
95'	2	138.80	4	19.85	\$3,310.38	\$2,906.00	\$610.26	\$324.55	\$178.64	\$259.65	\$7,589	6689	13%
100'	2	138.80	4	19.85	\$3,310.38	\$3,308.00	\$694.68	\$324.55	\$178.64	\$259.65	\$8,076	7175	13%
110'	1	138.80	4	19.85	\$3,310.38	\$4,993.00	\$1,048.53	\$324.55	\$178.64	\$259.65	\$10,115	9214	10%

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,315.91	\$276.34	\$281.01	\$178.64	\$224.81	\$5,143	4526	14%
45'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,492.01	\$313.32	\$281.01	\$178.64	\$224.81	\$5,356	4739	13%
50'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,890.09	\$396.92	\$281.01	\$178.64	\$224.81	\$5,838	5222	12%
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!
													#DIV/0!

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass Multi Pieces (CM) Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost PROPOSED 2017	2016 COST	% Difference
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	96,500 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,683.03	\$563.44	\$281.01	\$178.64	\$224.81	\$6,797	6168	10%
45'	97,5000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,810.31	\$590.17	\$281.01	\$178.64	\$224.81	\$6,951	6322	10%
50'	101,300 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,917.22	\$612.62	\$281.01	\$178.64	\$224.81	\$7,081	6451	10%
55'	136,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,023.11	\$634.85	\$281.01	\$178.64	\$224.81	\$7,209	6579	10%
60'	150,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,171.78	\$666.07	\$281.01	\$178.64	\$224.81	\$7,389	6758	9%
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'		0	0	0	0						0		#DIV/0!
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) 1/12/2017 Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**
 Person completing worksheet: **Jeff Williams**
 Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

***** Weighted Average **XXXXXX** Individual Costs **XXXXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
32.5'	230000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,156.48	\$452.86	\$324.55	\$178.64	\$259.65	\$6,683	5527	21%
35'		0	0	0	0						\$0		#DIV/0!
40'		0	0	0	0						\$0		#DIV/0!
45'		0	0	0	0						\$0		#DIV/0!
50'	170,000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,422.88	\$508.80	\$324.55	\$178.64	\$259.65	\$7,005	5848	20%
55'	189300 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,356.26	\$704.81	\$324.55	\$178.64	\$259.65	\$8,134	6972	17%
60'	208000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,571.13	\$749.94	\$324.55	\$178.64	\$259.65	\$8,394	7230	16%
65'	226700 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,789.88	\$795.87	\$324.55	\$178.64	\$259.65	\$8,659	7736	12%
70'	245000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,210.88	\$884.28	\$393.95	\$178.64	\$315.17	\$10,001	8243	21%
70' Heavy	318600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,448.11	\$934.10	\$393.95	\$178.64	\$315.17	\$10,288	8529	21%
75'	264,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,521.03	\$949.42	\$393.95	\$178.64	\$315.17	\$10,376	8617	20%
75' Heavy	343,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,746.59	\$996.78	\$393.95	\$178.64	\$315.17	\$10,649	8888	20%
80'	282,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,416.44	\$927.45	\$393.95	\$178.64	\$315.17	\$10,250	8506	20%
80' Heavy	367,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,725.85	\$992.43	\$393.95	\$178.64	\$315.17	\$10,624	8880	20%
85'	301,600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,611.14	\$968.34	\$393.95	\$178.64	\$315.17	\$10,486	8742	20%
90'	320,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,955.25	\$1,040.60	\$393.95	\$178.64	\$315.17	\$10,902	9157	19%
100'	357,800 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$5,558.63	\$1,167.31	\$393.95	\$178.64	\$315.17	\$11,632	9886	18%
110'	395,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$7,106.61	\$1,492.39	\$393.95	\$178.64	\$315.17	\$13,505	11755	15%

5527 WAS PRICE FOR 30' POLE IN 2016

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

Weighted Average **[Redacted]**

Individual Costs **XXXXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	2	\$138.80	4	19.85	\$3,310.38	\$4,089.00	\$858.69	\$324.55	\$178.64	\$259.65	\$9,021	7055	28%
40'		0	0	0	0						\$0	0	#DIV/0!
45'		0	0	0	0						\$0	0	#DIV/0!
50'	H-5	\$138.80	4	22.15	\$3,629.62	\$3,995.00	\$838.95	\$355.85	\$178.64	\$284.69	\$9,283	6941	34%
55'		0	0	0	0						\$0	0	#DIV/0!
60'	H-1	\$138.80	4	22.65	\$3,699.02	\$4,189.00	\$879.69	\$362.65	\$178.64	\$290.13	\$9,599	7176	34%
65'												0	#DIV/0!
70'	H-4	\$138.80	4	23.25	\$3,782.30	\$4,314.00	\$905.94	\$370.82	\$178.64	\$296.66	\$9,848	7770	27%
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

Call Back Telephone Number & Email: **213-367-2745 jeffery.williams@ladwp.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'	98,600 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,395.05	\$502.96	324.55	\$138.21	\$259.65	\$6,931	5823	19%
50' Heavy	143,900 lbs	\$138.80	4	19.85	\$3,310.38	\$1,977.55	\$415.29	\$324.55	\$138.21	\$259.65	\$6,426	5319	21%
55'	133,100 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,548.82	\$535.25	\$324.55	\$138.21	\$259.65	\$7,117	6009	18%
55' Heavy	221,8000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,743.28	\$786.09	\$324.55	\$138.21	\$259.65	\$8,562	7451	15%
60'		0	0	0	\$0.00						\$0		#DIV/0!
65'		0	0	0	\$0.00						\$0		#DIV/0!
70' Heavy	288,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,364.00	\$1,126.44	\$357.21	\$138.21	\$285.78	\$10,915	N/A	#VALUE!
75' Heavy	310,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,752.00	\$1,207.92	\$357.21	\$138.21	\$285.78	\$11,385	N/A	#VALUE!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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San Dimas, CA 91773
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February 20, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:07 a.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles -DWP
Ms. Lupe Pinon – City of Los Angeles – DWP
Ms. Melissa La – City of Los Angeles – DWP
Ms. Maria Fritts - City of Los Angeles - DWP
Ms. Samantha Carrillo – Time Warner
Ms. Maria Ortiz – XO Communications
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Saad Khalid - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Lynn Prescott – Verizon Wireless
Ms. Kay Black – AT&T California
Mr. Bret Plaskey – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Yvonne Johnson - AT&T Mobility
Mr. Sven Knauth – City of Burbank
Mr. Josh Mathisen – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Ms. Hernandez called the meeting to order at 9:07 a.m.

Agenda Item 1 - Review of prior month's minutes: There were no changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – The committee has decided to table this discussion for later in the year. Mr. Williams explained he and Mr. Brown (SCE) were able to meet briefly on this item. They will be setting up another meeting soon to continue comparing rates.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata informed the committee she received Frontier prices just before the meeting started so the pole prices spreadsheet has not been updated. She also informed the committee she found a few errors in other prices that were submitted. She has contacted these companies and is waiting for a response. The committee then did a quick review of the prices submitted. Ms. Pranata agreed to send an updated copy of the poled prices spreadsheet, to all members, as soon as she has added Frontiers prices. Committee will revisit next month.

Agenda Item 4 – Item 1649: Patrol and Detailed Inspection (1/16/2018 – Mr. Mathisen feels it would be best to have individual agreements between utilities instead of creating an Authorized Cost. Mr. Williams feels patrolling detailed inspections are a shared responsibility and therefore there maybe should be an Authorized Cost. Mr. Williams and Mr. Mathisen decided to discuss this issue offline and report back next month.

Miscellaneous/ New Item numbers - Ms. DeBarge informed the committee she has been having issues with some companies denying charges for item 83B. After some discussion; Mr. Carrion explained there was a misunderstanding on his end and he will look into this with his team. Mr. Williams then informed the committee of an issue with item 13C being used for crane and helicopter costs. Mr. Williams explained there is no item needed for these costs as long as section 1.2 is listed and there is a note under nature of work. Some members are also using 13C when 10C should be used. Mr. Williams then had questions on the pricing for item 10. Ms. Hernandez explained there was an error in the pricing she submitted for item 10 in the 2017-2018 Authorized Costs, but since the prices have already been approved there is nothing to be done at this point. After some discussion on the item, the committee decided to review the cost breakdown for item 10 in detail before 2019-2020 Authorized Costs are submitted.

Agenda Item 8 - Review of Action Items:

- Members to review 2018 Pole Prices for discussion at next month's meeting.
- SCE and LADWP will schedule meeting to review Authorized Cost pricing for 'Members to Submit Individual Authorized Costs' (Agenda Item 2).

- Mr. Williams and Mr. Mathisen to talk offline regarding Item 1649: Patrol and Detailed Inspections (Agenda Item 4).
- Members to review item 10 in detail for 2019-2020 Authorized Costs.

The ad hoc meeting adjourned at 9:48 a.m.

The next meeting is scheduled for March 20, 2018.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions**

Member Code	Member Name	2019 Auth Cost	2018 Individual	2018 Weighted Average	2017 Auth Cost	2017 Individual	2017 Weighted Average	Comments	
1	E Edison		I		AC	I			E
2	FTR Frontier Communications				AC	I		Did not submit 2018 pole prices	FTR
3	H AT&T CA		I		AC	I			H
4	M City of LA		I		AC	I			M
5	NG Crown Castle NG West Inc.							Did not submit 2018 pole prices	NG
6	ATC Verizon Wireless			WA	AC		WA	Corrected to Weighted Average, not Individual	ATC
7	J City of Riverside							Did not submit 2018 pole prices	J
8	D City of Anaheim							Did not submit 2018 pole prices	D
9	TCA Teleport Comm. America, LLC			WA	AC		WA	Corrected to Weighted Average, not Individual	TCA
10	A City of Glendale							Did not submit 2018 pole prices	A
11	ATS MCI Metro/ATS							Did not submit 2018 pole prices	ATS
12	B City of Burbank		I			I			B
13	MP City of Pasadena		I			I			MP
14	TWC Time Warner Cable			WA			WA		TWC
15	SCW Golden State Water		I		AC	I			SCW
16	LAC AT&T Mobility		I		AC	I			LAC
17	NXT XO Communications			WA	AC		WA		NXT
18	F City of Colton							Did not submit 2018 pole prices	F
19	MA City of Azusa							Did not submit 2018 pole prices	MA
20	COB City of Banning							Did not submit 2018 pole prices	COB
21	LLW City of Lompoc		I		AC	I			LLW
22	MCI MCI Telecomm							Did not submit 2018 pole prices	MCI
23	V City of Vernon			WA			WA		V
24	NPN NewPath Networks							Did not submit 2018 pole prices	NPN
25	SPR Sprint Nextel Corp.			WA	AC		WA		SPR
26	ICG Mpower Comm							Did not submit 2018 pole prices	ICG
27	PBM T-Mobile USA			WA			WA		PBM
28	FON Sprint Comm, LP			WA	AC		WA		FON
29	EXT ExteNet Systems							Did not submit 2018 pole prices	EXT
30	CCI CA-CLEC LLC							Did not submit 2018 pole prices	CCI
31	AMT ATC-Outdoor DAS, LLC							Did not submit 2018 pole prices	AMT
32	MOB Mobilitie, LLC							Did not submit 2018 pole prices	MOB
Total Submitted Costs		0	8	8	12	9	8		
		Auth Cost	Individual	Weighted Average	Auth Cost	Individual	Weighted Average		

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

Weighted average pole costs are computed as follows: The pole costs submitted for each pole height are multiplied by the number of poles, per pole height, set by the submitting members in the last year. The total of these costs are then divided by the total number of poles, per pole height, set by each submitting member in the last year. The resulting figure is the weighted average pole cost. The weighted average of Cost F.O.B. becomes the salvage value.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790	ATC
TCA		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790	TCA
SPR		70.00	6.00	12.00	1260.00	520.00 (**)		468.00	78.00	189.00	2515	1	520	2515	SPR
FON		70.00	6.00	12.00	1260.00	520.00 (**)		468.00	78.00	189.00	2515	1	520	2515	FON
NXT	4	237.38	2.00	6.00	1899.04	1493.00			147.13		3539	1	1493	3539	NXT
PBM		63.00	10.50	16.80	1719.90	488.25 **	*	*	*	*	2208	1	488	2208	PBM PENDING
	Salvage	665								TOTALS	14357	6	3993	14357	
									Wgt Ave		2393		665		
	2017 PRICE	PROP. 2018	% CHG.												
	2300	2393	4												

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976	ATC
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976	TCA
SPR		70.00	6.00	12.00	1260.00	600.00 (**)		468.00	78.00	189.00	2595	1	600	2595	SPR
FON		70.00	6.00	12.00	1260.00	600.00 (**)		468.00	78.00	189.00	2595	1	600	2595	FON
NXT	4	237.38	2.00	6.00	1899.04	1493.00			147.13		3539	1	1493	3539	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	11	15400	46530	TWN/S
PBM		63.00	10.50	18.90	1852.2	611.10 **	*	*	*	*	2463	1	611	2463	PBM PENDING
	Salvage	1173								TOTALS	19375	17	19942	61675	
									Wgt Ave		3628		1173		
	2017 PRICE	PROP. 2018	% CHG.												
	2710	3628	34												

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

V	1	92.58	1.00	5.00	555.48	750.00	75.00	416.00	200.00	100.00	2096	1	750	2096	V	PENDING
	Salvage	1153									TOTALS	23887	7	8073	23887	
									Wgt Ave		3412		1153			

2017	PROP.	%
PRICE	2018	CHG.
3379	3412	1

50' POLE		LOADED	NO. OF HOURS		LOADED	ENGINTEERING		Gen	Gen			NO. OF	F.O.B.	TOTAL	
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		POLES	COSTS	COSTS	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL				
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57 *		N/A	333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57 *		N/A	333.40	4017	1	1356	4017	TCA
SPR		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	SPR
FON		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	FON
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	4171	1	1260	4171	PBM
V	1	92.58	1.00	8.00	833.22	900.00	90.00	416.00	200.00	100.00	2539	1	900	2539	V
	Salvage	1245									TOTALS	23891	6	7473	23891
									Wgt Ave		3982		1245		

2017	PROP.	%
PRICE	2018	CHG.
3833	3982	4

55' POLE		LOADED	NO. OF HOURS		LOADED	ENGINTEERING		Gen	Gen			NO. OF	F.O.B.	TOTAL	
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		POLES	COSTS	COSTS	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL				
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	TCA
SPR		70.00	10.00	26.00	2520.00	1680.00	(**)	936.00	78.00	378.00	5592	1	1680	5592	SPR
FON		70.00	10.00	26.00	2520.00	1680.00	(**)	936.00	78.00	378.00	5592	1	1680	5592	FON
PBM		63.00	10.50	39.90	3175.20	1443.75	**	*	*	*	4619	1	1444	4619	PBM
V	1	92.58	1.00	8.00	833.22	975.00	97.50	416.00	200.00	100.00	2622	1	975	2622	V
	Salvage	1470									TOTALS	27148	6	8819	27148
									Wgt Ave		4525		1470		

2017	PROP.	%
PRICE	2018	CHG.
4406	4525	3

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	TCA
SPR		70.00	10.00	30.00	2800.00	2400.00	(**)	1340.00	78.00	420.00	7038	1	2400	7038	SPR
FON		70.00	10.00	30.00	2800.00	2400.00	(**)	1340.00	78.00	420.00	7038	1	2400	7038	FON
V	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	1	1900	3771	V PENDING
	Salvage	2017								TOTALS	27633	5	10087	27633	
									Wgt Ave		5527		2017		
		2017 PRICE	PROP. 2018	% CHG.											
		5315	5527	4											

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242	ATC
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242	TCA
SPR		70.00	18.00	38.00	3920.00	2800.00	(**)	1876.00	78.00	588.00	9262	1	2800	9262	SPR
FON		70.00	18.00	38.00	3920.00	2800.00	(**)	1876.00	78.00	588.00	9262	1	2800	9262	FON
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	V PENDING
	Salvage	2267								TOTALS	32771	5	11336	32771	
									Wgt Ave		6554		2267		
		2017 PRICE	PROP. 2018	% CHG.											
		6297	6554	4											

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693	ATC
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693	TCA
SPR		80.00	20.00	40.00	4800.00	3200.00	(**)	2010.00	78.00	720.00	10808	1	3200	10808	SPR
FON		80.00	20.00	40.00	4800.00	3200.00	(**)	2010.00	78.00	720.00	10808	1	3200	10808	FON
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	V PENDING
	Salvage	3009								TOTALS	41109	5	15043	41109	
									Wgt Ave		8222		3009		

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

2017 PRICE	PROP. 2018	% CHG.
7904	8222	4

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	SPR
FON		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	FON
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405	V PENDING
	Salvage	3067								TOTALS	28127	3	9200	28127	
									Wgt Ave		9376				

2017 PRICE	PROP. 2018	% CHG.
8856	9376	6

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	SPR
FON		90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	FON
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230	V PENDING
	Salvage	3650								TOTALS	38046	3	10950	38046	
									Wgt Ave		12682				

2017 PRICE	PROP. 2018	% CHG.
12004	12682	6

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	SPR
FON		90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	FON
V	H2	92.58	1.25	10.00	1041.53	3300.00	330.00	736.00	200.00	100.00	5708	1	3300	5708	V PENDING
	Salvage	4300								TOTALS	42536	3	12900	42536	
									Wgt Ave		14179				

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

PRICE	2018	CHG.
13411	14179	6

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	SPR
FON		90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	FON
V	H3	92.58	1.25	10.00	1041.53	3950.00	395.00	736.00	200.00	100.00	6423	1	3950	6423	V PENDING
	Salvage	4917											0	0	
										TOTALS	48949	3	14750	48949	
									Wgt Ave		16316				

2017 PRICE	PROP. 2018	% CHG.
15408	16316	6

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733	SPR
FON		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733	FON
V	H2	92.58	1.25	10.00	1041.53	2900.00	470.00	736.00	200.00	100.00	5448	1	2900	5448	V PENDING
	Salvage	5633													
										TOTALS	56914	3	16900	56914	
									Wgt Ave		18971				

2017 PRICE	PROP. 2018	% CHG.
17806	18971	7

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868	SPR
FON		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868	FON
V	H3	92.58	1.25	11.00	1134.11	6450.00	470.00	736.00	200.00	100.00	9090	1	6450	9090	V PENDING
	Salvage	7483													
										TOTALS	66826	3	22450	66826	
									Wgt Ave		22275				

2017 PRICE	PROP. 2018	% CHG.

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

PRICE	2018	CHG.
21072	22275	6

110' POLE		LOADED	NO. OF HOURS			LOADED				ENG	Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038	SPR
FON		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038	FON
											0		0	0	
	Salvage	9000													
										TOTALS	64076	2	18000	64076	
									Wgt Ave		32038				

2017	PROP.	%
PRICE	2018	CHG.
30118	32038	6

- NOTES:
- ATC Equipment expense included in column Direct Labor (loaded)
 - TCA Equipment expense included in column Direct Labor (loaded)
 - SPR Supply expense included in column Material Cost (FOB)
 - FON Supply expense included in column Material Cost (FOB)
 - PBM Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$243.87	4.00	8.20	\$2,975.27	\$245.91	\$12.62	*	\$243.87	\$135.98	\$3,613.66	12
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$313.85	\$16.10	*	\$243.87	\$138.77	\$3,687.87	16
35'	3	\$243.87	4.00	8.20	\$2,975.27	\$490.09	\$25.14	*	\$243.87	\$146.01	\$3,880.39	1,958
40'	2	\$243.87	4.00	10.40	\$3,511.80	\$742.62	\$38.10	*	\$243.87	\$177.37	\$4,713.76	1,967
45'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,073.00	\$55.04	*	\$243.87	\$190.95	\$5,074.66	10,981
50'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,150.85	\$59.04	*	\$243.87	\$194.15	\$5,159.71	3,989
55'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,192.00	\$61.15	*	\$243.87	\$195.84	\$5,204.66	1,249
60'	1	\$243.87	4.00	10.40	\$3,511.80	\$1,753.90	\$89.98	*	\$243.87	\$218.94	\$5,818.49	619
65'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,283.01	\$117.12	*	\$243.87	\$261.67	\$6,954.00	706
70'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,566.48	\$131.66	*	\$243.87	\$273.32	\$7,263.66	777
75'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,825.28	\$144.94	*	\$243.87	\$283.96	\$7,546.38	799
80'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,162.47	\$162.23	*	\$243.87	\$300.20	\$7,978.07	625
85'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,476.91	\$178.37	*	\$243.87	\$313.13	\$8,321.58	344
90'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,208.89	\$215.92	*	\$243.87	\$370.87	\$9,856.08	96
95'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,293.86	\$220.28	*	\$243.87	\$374.36	\$9,948.90	44
100'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,668.62	\$239.50	*	\$243.87	\$389.77	\$10,358.29	15
110'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,946.37	\$253.75	*	\$243.87	\$401.19	\$10,661.71	2

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:
 December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719

jessica.nix@sce.com

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$870.57	\$44.66	*	\$243.87	\$161.65	\$4,296.03	0
35'	5	\$243.87	4.00	8.20	\$2,975.27	\$1,700.45	\$87.23	*	\$243.87	\$195.77	\$5,202.60	0
40'	5	\$243.87	4.00	10.40	\$3,511.80	\$1,956.80	\$100.38	*	\$243.87	\$227.28	\$6,040.13	1
45'	4	\$243.87	4.00	10.40	\$3,511.80	\$2,104.07	\$107.94	*	\$243.87	\$233.34	\$6,201.02	120
50'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,586.33	\$132.68	*	\$243.87	\$253.16	\$6,727.84	0
55'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,899.11	\$148.72	*	\$243.87	\$266.02	\$7,069.52	0
60'	2	\$243.87	4.00	10.40	\$3,511.80	\$5,774.82	\$296.25	*	\$243.87	\$384.23	\$10,210.97	0
65'	H1	\$243.87	4.00	12.60	\$4,048.32	\$5,387.38	\$276.37	*	\$243.87	\$389.28	\$10,345.23	0
70'	H3	\$243.87	4.00	12.60	\$4,048.32	\$5,392.13	\$276.62	*	\$243.87	\$389.47	\$10,350.42	0
75'	H3	\$243.87	4.00	12.60	\$4,048.32	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
80'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
85'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
90'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

Weighted Average

Individual Cost:

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$243.87	4.00	10.40	\$3,511.80	\$4,299.37	\$220.56	*	\$243.87	\$390.00	\$338.83	\$9,004.43
45'	0	\$243.87	4.00	10.40	\$3,511.80	\$4,635.61	\$237.81	*	\$243.87	\$390.00	\$352.65	\$9,371.74
50'	1	\$243.87	4.00	10.40	\$3,511.80	\$4,192.14	\$215.06	*	\$243.87	\$570.00	\$341.46	\$9,074.33
55'	1	\$243.87	5.00	10.40	\$3,755.67	\$4,391.88	\$225.30	*	\$243.87	\$570.00	\$359.20	\$9,545.93
60'	1	\$243.87	5.00	10.40	\$3,755.67	\$5,456.11	\$279.90	*	\$243.87	\$570.00	\$402.95	\$10,708.51
65'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,697.09	\$292.26	*	\$243.87	\$850.00	\$444.78	\$11,820.20
70'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,928.93	\$304.15	*	\$243.87	\$850.00	\$454.31	\$12,073.46
75'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,202.15	\$318.17	*	\$243.87	\$920.00	\$468.28	\$12,444.67
80'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,461.29	\$331.46	*	\$243.87	\$920.00	\$478.93	\$12,727.75
85'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,797.32	\$348.70	*	\$243.87	\$1,030.00	\$497.04	\$13,209.13
90'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,059.11	\$362.13	*	\$243.87	\$1,260.00	\$544.45	\$14,469.00
95'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,405.57	\$379.91	*	\$243.87	\$1,260.00	\$558.69	\$14,847.48
100'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,714.33	\$395.75	*	\$243.87	\$1,260.00	\$571.38	\$15,184.77
110'	1	\$243.87	5.00	15.50	\$4,999.43	\$9,160.30	\$469.92	*	\$243.87	\$1,260.00	\$630.82	\$16,764.35

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

**2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement**

Please submit to SCJPC by:
January 01, 2018

SCJPC Member Utility submitting: **LADWP**
 Person completing worksheet: **Ronald Schram**
 Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

 Weighted Average **XXXXXX** Individual Costs **XXXXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	169.41	4	16.65	\$3,498.32	\$375.47	\$67.58	\$315.16	\$216.28	*	\$4,473	
40'	3	169.41	4	16.65	\$3,498.32	\$457.93	\$82.43	\$315.16	\$216.28	*	\$4,570	
45'	2	169.41	4	16.65	\$3,498.32	\$621.97	\$111.95	\$315.16	\$216.28	*	\$4,764	
50'	2	169.41	4	16.65	\$3,498.32	\$721.10	\$129.80	\$315.16	\$216.28	*	\$4,881	
50'	H3	169.41	4	16.65	\$3,498.32	\$1,416.77	\$255.02	\$315.16	\$216.28	*	\$5,702	
55'	2	169.41	4	16.65	\$3,498.32	\$845.67	\$152.22	\$315.16	\$216.28	*	\$5,028	
55'	H3	169.41	4	16.65	\$3,498.32	\$1,677.31	\$301.92	\$315.16	\$216.28	*	\$6,009	
60'	2	169.41	4	16.65	\$3,498.32	\$979.89	\$176.38	\$315.16	\$216.28	*	\$5,186	
65'	2	169.41	4	19.85	\$4,040.43	\$1,159.73	\$208.75	\$364.00	\$216.28	*	\$5,989	
70'	2	169.41	4	19.85	\$4,040.43	\$1,274.65	\$229.44	\$364.00	\$216.28	*	\$6,125	
70'	H3	169.41	4	19.85	\$4,040.43	\$2,465.09	\$443.72	\$364.00	\$216.28	*	\$7,530	
75'	2	169.41	4	19.85	\$4,040.43	\$1,494.84	\$269.07	\$364.00	\$216.28	*	\$6,385	
80'	2	169.41	4	19.85	\$4,040.43	\$1,710.65	\$307.92	\$364.00	\$216.28	*	\$6,639	
85'	2	169.41	4	19.85	\$4,040.43	\$1,922.07	\$345.97	\$364.00	\$216.28	*	\$6,889	
90'	2	169.41	4	19.85	\$4,040.43	\$2,259.81	\$406.77	\$364.00	\$216.28	*	\$7,287	
95'	2	169.41	4	19.85	\$4,040.43	\$2,549.30	\$458.87	\$364.00	\$216.28	*	\$7,629	
100'	2	169.41	4	19.85	\$4,040.43	\$2,901.96	\$522.35	\$364.00	\$216.28	*	\$8,045	
110'	1	169.41	4	19.85	\$4,040.43	\$4,380.14	\$788.43	\$364.00	\$216.28	*	\$9,789	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	115,000 ft-lbs	\$169.41	4	16.65	\$2,717.57	\$1,315.91	\$236.86	\$315.16	\$216.28	*	\$4,802	
45'	115,000 ft-lbs	\$169.41	4	16.65	\$2,846.47	\$1,492.01	\$268.56	\$315.16	\$216.28	*	\$5,138	
50'	115,000 ft-lbs	\$169.41	4	16.65	\$2,953.89	\$1,890.09	\$340.22	\$315.16	\$216.28	*	\$5,716	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 2/16/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,717.57	\$489.16	\$315.16	\$216.28	*	\$7,236	
45'	97,5000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,846.47	\$512.36	\$315.16	\$216.28	*	\$7,389	
50'	101,300 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,953.89	\$531.70	\$315.16	\$216.28	*	\$7,515	
55'	136,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,061.30	\$551.03	\$315.16	\$216.28	*	\$7,642	
60'	150,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,211.68	\$578.10	\$315.16	\$216.28	*	\$7,820	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories (i.e. Direct Labor (loaded) or General & Administrative), use the appropriate designator listed below to show under which Price Matrix category those expenses are already included.

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,087.91	\$375.82	\$356.08	\$216.28	*	\$7,077	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,232.27	\$401.81	\$364.00	\$216.28	*	\$7,255	
55'	189300 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,880.83	\$518.55	\$364.00	\$216.28	*	\$8,020	
60'	208000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,282.06	\$590.77	\$364.00	\$216.28	*	\$8,494	
65'	226700 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,441.28	\$619.43	\$364.00	\$216.28	*	\$8,681	
70'	245000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$3,690.73	\$664.33	\$441.83	\$216.28	*	\$9,918	
70' Heavy	318600 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,211.92	\$758.15	\$441.83	\$216.28	*	\$10,533	
75'	264,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,233.14	\$761.97	\$441.83	\$216.28	*	\$10,558	
75' Heavy	343,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,699.12	\$845.84	\$441.83	\$216.28	*	\$11,107	
80'	282,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,352.03	\$783.37	\$441.83	\$216.28	*	\$10,698	
80' Heavy	367,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,992.10	\$898.58	\$441.83	\$216.28	*	\$11,453	
85'	301,600 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,643.93	\$835.91	\$441.83	\$216.28	*	\$11,042	
90'	320,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,936.90	\$888.64	\$441.83	\$216.28	*	\$11,388	
100'	357,800 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$5,845.51	\$1,052.19	\$441.83	\$216.28	*	\$12,460	
110'	395,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$6,917.60	\$1,245.17	\$441.83	\$216.28	*	\$13,725	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$169.41	4	19.85	\$4,040.43	\$4,750.00	\$855.00	\$364.00	\$216.28	*	\$10,225.71	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$169.41	4	22.15	\$4,430.07	\$4,634.20	\$834.16	\$399.10	\$216.28	*	\$10,513.81	
55'		0	0	0	0						\$0.00	
60'	H-1	\$169.41	4	22.65	\$4,514.78	\$4,859.24	\$874.66	\$406.73	\$216.28	*	\$10,871.69	
65'												
70'	H-4	\$169.41	4	23.25	\$4,616.42	\$5,004.24	\$900.76	\$415.89	\$216.28	*	\$11,153.60	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

**** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$1,989.63	\$358.13	364.00	\$216.28	*	\$6,968	
50' Heavy	143,900 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,357.37	\$424.33	\$364.00	\$216.28	*	\$7,402	
55'	133,100 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,822.11	\$507.98	\$364.00	\$216.28	*	\$7,951	
55' Heavy	221,8000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,893.13	\$700.76	\$364.00	\$216.28	*	\$9,215	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	288,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,368.94	\$966.41	\$400.63	\$216.28	*	\$11,399	
75' Heavy	310,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,656.45	\$1,018.16	\$400.63	\$216.28	*	\$11,739	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **AT&T California**

Person completing worksheet: **M. Carmichael**

Call Back Telephone Number & Email: **(626) 578-3677 mn2861@att.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		130	2	9	1430	149	15	500	149	286	2529	
30'		130	2	9	1430	184	18	500	149	286	2567	
35'		130	2	12	1820	228	23	500	149	364	3084	
40'		130	2	12	1820	340	34	500	149	364	3207	
45'		130	2	12	1820	415	42	500	149	364	3290	
50'		130	2	12	1820	542	54	500	149	364	3429	
55'		130	2	15	2210	682	68	600	149	442	4151	
60'		130	2	15	2210	787	79	600	149	442	4267	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: City of Burbank

Person completing worksheet: Ayman Arraj

Call Back Telephone Number & Email: (818)238-3639 aarraj@burbankca.gov

***** Weighted Average Individual Costs (First year)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2017

SCJPC Member Utility submitting: **City of Lompoc**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	121.92	8.5	12	2499.36	290.21	64.64	186.94	191.88	1419.67	4652.7	
30'	5	121.92	8.5	12	2499.36	348.18	90.65	186.94	191.88	1419.67	4736.7	
35'	5	121.92	8.5	12	2499.36	405.88	107.44	186.94	191.88	1419.67	4811.2	
40'	5	121.92	8.5	13	2621.28	779	201.63	186.94	191.88	1483.3	5464	
45'	3	121.92	8.5	13	2621.28	812.71	243.81	186.94	191.88	1483.3	5539.9	
45'	2	121.92	8.5	13	2621.28	887.71	262.07	186.94	191.88	1483.3	5633.2	
50'	3	121.92	8.5	14	2743.2	988.23	280.32	186.94	191.88	1546.94	5937.51	
55'	2	121.92	8.5	14	2743.2	1208.23	325.04	186.94	191.88	1546.94	6202.23	
60'	2	121.92	8.5	14	2743.2	1379.24	377.13	186.94	191.88	1546.94	6425.33	
65'	2	121.92	8.5	14	2743.2	1345.6	393.83	186.94	191.88	1546.94	6408.39	
70'	2	121.92	8.5	14	2743.2	1938.79	567.45	186.94	191.88	1610.57	7238.83	
75'	2	121.92	8.5	14	2743.2	2269.5	664.25	186.94	191.88	1610.57	7666.34	
80'	2	121.92	8.5	16	2987.04	2478.49	718.4	186.94	191.88	1674.21	8236.96	
85'	2	121.92	8.5	16	2987.04	2753.54	798.13	186.94	191.88	1674.21	8591.74	
90'	2	121.92	8.5	16	2987.04	3071.43	890.27	186.94	191.88	1674.21	9001.77	
95'	2	121.92	8.5	16	2987.04	3722.12	1078.88	186.94	191.88	1674.21	9841.07	
100'	H1	121.92	8.5	16	2987.04	4198.61	1216.41	186.94	191.88	1674.21	10455.1	
110'	H1	121.92	8.5	16	2987.04	6751.72	1957.02	186.94	191.88	1674.21	13748.8	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

by:

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **Yvonne Johnson**

Call Back Telephone Number & Email: **818-898-2352, yvonne.johnson@cableeng.com**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/201**

NOTE: POLE PRICES FOR 75'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

Call Back Telephone Number & Email: **909-866-4678 EXT. 143**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	120.95	1	4	604.75	454.92	0	504.28	212.22	459.99	2236.16	
40'	1	120.95	1	4	604.75	762.89	0	504.28	212.22	459.99	2544.13	
45'	1	120.95	1	5	725.7	867.26	0	504.28	212.22	459.99	2769.45	
50'	1	120.95	1	8	1088.55	1035.34	0	504.28	212.22	459.99	3300.38	
50'	H2	120.95	1	8	1088.55	1398.32	0	504.28	212.22	459.99	3663.36	
55'	H3	120.95	1	8	1088.55	2083.37	0	504.28	212.22	459.99	4348.41	
60'	H2	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
65'	H4	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) 2/16/2018 Cost Included in Column #10

(****)

Please designate if you choose to publish your costs individually or be included in the weighted average

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

March 20, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:35 p.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Nix – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Ms. Maria Ortiz – XO Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Keith Barnhart - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Bret Plaskey – Frontier Communications
Ms. Lynn Prescott – Verizon Wireless
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Kay Black – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Mr. Josh Mathisen – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Ms. Carmichael called the meeting to order at 1:35 p.m.

Agenda Item 1 - Review of prior month's minutes: Ms. Carmichael informed the committee the minute's show the meeting was called to order by Ms. Hernandez when in fact it was called to order by Ms. Carmichael. Ms. Pranata informed the committee she would update the minutes on the website.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – The committee has decided to table this discussion for later in the

year. Mr. Williams (DWP) and Mr. Brown (SCE) have agreed to set up another meeting soon to continue comparing rates.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata received pricing from T-Mobile yesterday and has not had an opportunity to update the matrix yet. The committee decided the best way to move forward would be to review the pole price matrix once Ms. Pranata has updated it with T-Mobile’s prices. Once the committee has reviewed and approved the completed Pole Price Matrix; Ms. Pranata will add it to next month’s Admin Board Agenda for consent. The committee then reviewed the existing pole price matrix. Ms. Carmichael noticed an issue with crane costs being included in LWS poles for Edison. The crane cost should be under section 1.2 and never included in the pole price. Mr. Williams added Edison is not able to add a column to the matrix without committee approval. Ms. Pranata then displayed the “Definition of Elements” for committee review and discussion. Ms. Pranata then informed the committee that The City of Vernon has submitted individual pole prices for the first time. Edison, LADWP and NXT all announced they would be reviewing the prices they have already submitted. They will contact Ms. Pranata with any changes.

Agenda Item 4 – Item 1649: Patrol and Detailed Inspection (1/16/2018 –
The committee agreed to close this item. Mr. Williams and Mr. Mathisen will discuss this issue offline.

Miscellaneous/ New Item numbers - Ms. DeBarge informed the committee Edison is still having issues with some companies denying charges for item 83B. After some discussion, Mr. Plaskey informed the committee he would look into this issue with his team.

Agenda Item 8 - Review of Action Items:

- Members to review 2018 Pole Prices for discussion at next month’s meeting.
- SCE to review crane charges on LWS prices.
- Ms. Pranata to update Matrix with T-Mobile prices.
- Ms. Pranata to update VZ to FTR on Matrix spreadsheets.

The ad hoc meeting adjourned at 2:00 p.m.

The next meeting is scheduled for April 17, 2018.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions**

Member Code	Member Name	2019 Auth Cost	2018 Individual	2018 Weighted Average	2017 Auth Cost	2017 Individual	2017 Weighted Average	Comments	
1	E Edison		I		AC	I			E
2	FTR Frontier Communications		I		AC	I			FTR
3	H AT&T CA		I		AC	I			H
4	M City of LA		I		AC	I			M
5	NG Crown Castle NG West Inc.							Did not submit 2018 pole prices	NG
6	ATC Verizon Wireless			WA	AC		WA	Corrected to Weighted Average, not Individual	ATC
7	J City of Riverside							Did not submit 2018 pole prices	J
8	D City of Anaheim							Did not submit 2018 pole prices	D
9	TCA Teleport Comm. America, LLC			WA	AC		WA	Corrected to Weighted Average, not Individual	TCA
10	A City of Glendale							Did not submit 2018 pole prices	A
11	ATS MCI Metro/ATS							Did not submit 2018 pole prices	ATS
12	B City of Burbank		I			I			B
13	MP City of Pasadena		I			I			MP
14	TWC Time Warner Cable			WA			WA		TWC
15	SCW Golden State Water		I		AC	I			SCW
16	LAC AT&T Mobility		I		AC	I			LAC
17	NXT XO Communications			WA	AC		WA		NXT
18	F City of Colton							Did not submit 2018 pole prices	F
19	MA City of Azusa							Did not submit 2018 pole prices	MA
20	COB City of Banning							Did not submit 2018 pole prices	COB
21	LLW City of Lompoc		I		AC	I			LLW
22	MCI MCI Telecomm							Did not submit 2018 pole prices	MCI
23	V City of Vernon		I				WA	First year to publish Individual Price. Historically included in Weighted Average	V
24	NPN NewPath Networks							Did not submit 2018 pole prices	NPN
25	SPR Sprint Nextel Corp.			WA	AC		WA		SPR
26	ICG Mpower Comm							Did not submit 2018 pole prices	ICG
27	PBM T-Mobile USA			WA			WA	Excel file showed zero dollars.	PBM
28	FON Sprint Comm, LP			WA	AC		WA		FON
29	EXT ExteNet Systems							Did not submit 2018 pole prices	EXT
30	CCI CA-CLEC LLC							Did not submit 2018 pole prices	CCI
31	AMT ATC-Outdoor DAS, LLC							Did not submit 2018 pole prices	AMT
32	MOB Mobilitie, LLC							Did not submit 2018 pole prices	MOB
Total Submitted Costs		0	10	7	12	9	8		
		Auth Cost	Individual	Weighted Average	Auth Cost	Individual	Weighted Average		

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

Weighted average pole costs are computed as follows: The pole costs submitted for each pole height are multiplied by the number of poles, per pole height, set by the submitting members in the last year. The total of these costs are then divided by the total number of poles, per pole height, set by each submitting member in the last year. The resulting figure is the weighted average pole cost. The weighted average of Cost F.O.B. becomes the salvage value.

25' POLE															
	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790	1	486	1790	ATC
TCA		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790	1	486	1790	TCA
SPR		70.00	6.00	12.00	1260.00	520.00	(**)	468.00	78.00	189.00	2515	1	520	2515	SPR
FON		70.00	6.00	12.00	1260.00	520.00	(**)	468.00	78.00	189.00	2515	1	520	2515	FON
NXT	4	237.38	2.00	6.00	1899.04	1493.00			147.13		3539	1	1493	3539	NXT
PBM		63.00	10.50	16.80	1719.90	488.25	**	*	*	*	2208	1	488	2208	PBM PENDING
	Salvage	665								TOTALS	14357	6	3993	14357	
									Wgt Ave		2393		665		
	2017 PRICE	PROP. 2018	% CHG.												
	2300	2393	4												

30' POLE															
	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	619.17	247.64	*	N/A	174.64	1976	1	619	1976	ATC
TCA		85.00	5.00	6.00	935.00	619.17	247.64	*	N/A	174.64	1976	1	619	1976	TCA
SPR		70.00	6.00	12.00	1260.00	600.00	(**)	468.00	78.00	189.00	2595	1	600	2595	SPR
FON		70.00	6.00	12.00	1260.00	600.00	(**)	468.00	78.00	189.00	2595	1	600	2595	FON
NXT	4	237.38	2.00	6.00	1899.04	1493.00			147.13		3539	1	1493	3539	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	18.90	1852.2	611.10	**	*	*	*	2463	1	611	2463	PBM PENDING
	Salvage	849								TOTALS	19375	7	5942	19375	
									Wgt Ave		2768		849		
	2017 PRICE	PROP. 2018	% CHG.												
	2710	2768	2												

35' POLE															
	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

ATC		85.00	5.00	6.00	935.00	754.42	301.75	*		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75	*		N/A	174.64	2166	1	754	2166	TCA
SPR		70.00	6.00	12.00	1260.00	675.00	(**)		468.00	78.00	189.00	2670	1	675	2670	SPR
FON		70.00	6.00	12.00	1260.00	675.00	(**)		468.00	78.00	189.00	2670	1	675	2670	FON
NXT	4	237.38	2.00	6.00	1899.04	1652.00				147.13		3698	1	1652	3698	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S	
PBM		63.00	10.50	18.90	1852.20	756.00	**	*	*	*	2608	1	756	2608	PBM	PENDING
											0	0	0	0		
	Salvage	952									TOTALS	20208	7	6667	20208	
										Wgt Ave	2887			952		

2017	PROP.	%
PRICE	2018	CHG.
2675	2887	8

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	1	981	2887	ATC	
TCA		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	1	981	2887	TCA	
SPR		70.00	8.00	14.00	1540.00	850.00	(**)	572.00	78.00	231.00	3271	1	850	3271	SPR	
FON		70.00	8.00	14.00	1540.00	850.00	(**)	572.00	78.00	231.00	3271	1	850	3271	FON	
NXT	4	237.38	2.00	6.00	1899.04	1780.00			147.13		3826	1	1780	3826	NXT	
PBM		63.00	10.50	27.30	2381.40	924.00	**	*	*	*	3305	1	924	3305	PBM	PENDING
	Salvage	1061									TOTALS	19447	6	6366	19447	
										Wgt Ave	3241			1061		

2017	PROP.	%
PRICE	2018	CHG.
2931	3241	11

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC	
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA	
SPR		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	SPR	
FON		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	FON	
NXT	4	237.38	2.00	6.00	1899.04	1937.00			147.13		3983	1	1937	3983	NXT	
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	3606	1	1092	3606	PBM	PENDING
	Salvage	1220									TOTALS	21791	6	7323	21791	

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

										Wgt Ave		3632		1220
--	--	--	--	--	--	--	--	--	--	---------	--	------	--	------

2017	PROP.	%
PRICE	2018	CHG.
3379	3632	7

50' POLE		LOADED	NO. OF HOURS			LOADED	ENG					Gen			
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57 *		N/A	333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57 *		N/A	333.40	4017	1	1356	4017	TCA
SPR		70.00	10.00	20.00	2100.00	1300.00 (**)		780.00	78.00	315.00	4573	1	1300	4573	SPR
FON		70.00	10.00	20.00	2100.00	1300.00 (**)		780.00	78.00	315.00	4573	1	1300	4573	FON
PBM		63.00	10.50	35.70	2910.60	1260.00 **	*	*	*	*	4171	1	1260	4171	PBM PENDING
	Salvage	1315								TOTALS	21351	5	6573	21351	
										Wgt Ave	4270		1315		

2017	PROP.	%
PRICE	2018	CHG.
3833	4270	11

55' POLE		LOADED	NO. OF HOURS			LOADED	ENG					Gen			
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	TCA
SPR		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	SPR
FON		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	FON
PBM		63.00	10.50	39.90	3175.20	1443.75 **	*	*	*	*	4619	1	1444	4619	PBM PENDING
	Salvage	1569								TOTALS	24526	5	7844	24526	
										Wgt Ave	4905		1569		

2017	PROP.	%
PRICE	2018	CHG.
4406	4905	11

60' POLE		LOADED	NO. OF HOURS			LOADED	ENG					Gen			
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	ATC

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

TCA		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	1	1693	4893	TCA	
SPR		70.00	10.00	30.00	2800.00	2400.00	(**)		1340.00	78.00	420.00	7038	1	2400	7038	SPR
FON		70.00	10.00	30.00	2800.00	2400.00	(**)		1340.00	78.00	420.00	7038	1	2400	7038	FON
	Salvage	2047									TOTALS	23861	4	8187	23861	
									Wgt Ave		5965			2047		
	2017	PROP.	%													
	PRICE	2018	CHG.													
	5315	5965	12													

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242	1	1943	5242	ATC	
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242	1	1943	5242	TCA	
SPR		70.00	18.00	38.00	3920.00	2800.00	(**)	1876.00	78.00	588.00	9262	1	2800	9262	SPR	
FON		70.00	18.00	38.00	3920.00	2800.00	(**)	1876.00	78.00	588.00	9262	1	2800	9262	FON	
	Salvage	2372									TOTALS	29009	4	9486	29009	
									Wgt Ave		7252			2372		
	2017	PROP.	%													
	PRICE	2018	CHG.													
	6297	7252	15													

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	1	3262	7693	ATC	
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	1	3262	7693	TCA	
SPR		80.00	20.00	40.00	4800.00	3200.00	(**)	2010.00	78.00	720.00	10808	1	3200	10808	SPR	
FON		80.00	20.00	40.00	4800.00	3200.00	(**)	2010.00	78.00	720.00	10808	1	3200	10808	FON	
	Salvage	3231									TOTALS	37003	4	12923	37003	
									Wgt Ave		9251			3231		
	2017	PROP.	%													
	PRICE	2018	CHG.													
	7904	9251	17													

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

SPR		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	SPR
FON		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	FON
	Salvage	3500									TOTALS	23722	2	7000	23722
	2017 PRICE	PROP. 2018	% CHG.						Wgt Ave		11861				
		8856	11861	34											

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
	MBR CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
	SPR	90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	SPR
	FON	90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	FON
	Salvage	4000									TOTALS	32816	2	8000	32816
									Wgt Ave		16408				
	2017 PRICE	PROP. 2018	% CHG.												
		12004	16408	37											

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
	MBR CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
	SPR	90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	SPR
	FON	90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	FON
	Salvage	4800									TOTALS	36828	2	9600	36828
									Wgt Ave		18414				
	2017 PRICE	PROP. 2018	% CHG.												
		13411	18414	37											

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
	MBR CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
	SPR	90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	SPR
	FON	90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	FON
													0	0	
	Salvage	5400									TOTALS	42526	2	10800	42526

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

2017	PROP.	%								Wgt Ave	21263		
PRICE	2018	CHG.											
15408	21263	38											

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733
FON		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733
	Salvage	7000									TOTALS	2	14000	51466
									Wgt Ave		25733			

2017	PROP.	%
PRICE	2018	CHG.
17806	25733	45

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868
FON		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868
	Salvage	8000									TOTALS	2	16000	57736
									Wgt Ave		28868			

2017	PROP.	%
PRICE	2018	CHG.
21072	28868	37

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038
FON		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038
											0		0	0
	Salvage	9000									TOTALS	2	18000	64076
									Wgt Ave		32038			

2018 POLE PRICES WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018

2017	PROP.	%
PRICE	2018	CHG.
30118	32038	6

NOTES:

- ATC Equipment expense included in column Direct Labor (loaded)
- TCA Equipment expense included in column Direct Labor (loaded)
- SPR Supply expense included in column Material Cost (FOB)
- FON Supply expense included in column Material Cost (FOB)
- PBM Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

**2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement**

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$243.87	4.00	8.20	\$2,975.27	\$245.91	\$12.62	*	\$243.87	\$135.98	\$3,613.66	12
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$313.85	\$16.10	*	\$243.87	\$138.77	\$3,687.87	16
35'	3	\$243.87	4.00	8.20	\$2,975.27	\$490.09	\$25.14	*	\$243.87	\$146.01	\$3,880.39	1,958
40'	2	\$243.87	4.00	10.40	\$3,511.80	\$742.62	\$38.10	*	\$243.87	\$177.37	\$4,713.76	1,967
45'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,073.00	\$55.04	*	\$243.87	\$190.95	\$5,074.66	10,981
50'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,150.85	\$59.04	*	\$243.87	\$194.15	\$5,159.71	3,989
55'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,192.00	\$61.15	*	\$243.87	\$195.84	\$5,204.66	1,249
60'	1	\$243.87	4.00	10.40	\$3,511.80	\$1,753.90	\$89.98	*	\$243.87	\$218.94	\$5,818.49	619
65'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,283.01	\$117.12	*	\$243.87	\$261.67	\$6,954.00	706
70'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,566.48	\$131.66	*	\$243.87	\$273.32	\$7,263.66	777
75'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,825.28	\$144.94	*	\$243.87	\$283.96	\$7,546.38	799
80'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,162.47	\$162.23	*	\$243.87	\$300.20	\$7,978.07	625
85'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,476.91	\$178.37	*	\$243.87	\$313.13	\$8,321.58	344
90'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,208.89	\$215.92	*	\$243.87	\$370.87	\$9,856.08	96
95'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,293.86	\$220.28	*	\$243.87	\$374.36	\$9,948.90	44
100'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,668.62	\$239.50	*	\$243.87	\$389.77	\$10,358.29	15
110'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,946.37	\$253.75	*	\$243.87	\$401.19	\$10,661.71	2

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:
 December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719

jessica.nix@sce.com

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$870.57	\$44.66	*	\$243.87	\$161.65	\$4,296.03	0
35'	5	\$243.87	4.00	8.20	\$2,975.27	\$1,700.45	\$87.23	*	\$243.87	\$195.77	\$5,202.60	0
40'	5	\$243.87	4.00	10.40	\$3,511.80	\$1,956.80	\$100.38	*	\$243.87	\$227.28	\$6,040.13	1
45'	4	\$243.87	4.00	10.40	\$3,511.80	\$2,104.07	\$107.94	*	\$243.87	\$233.34	\$6,201.02	120
50'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,586.33	\$132.68	*	\$243.87	\$253.16	\$6,727.84	0
55'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,899.11	\$148.72	*	\$243.87	\$266.02	\$7,069.52	0
60'	2	\$243.87	4.00	10.40	\$3,511.80	\$5,774.82	\$296.25	*	\$243.87	\$384.23	\$10,210.97	0
65'	H1	\$243.87	4.00	12.60	\$4,048.32	\$5,387.38	\$276.37	*	\$243.87	\$389.28	\$10,345.23	0
70'	H3	\$243.87	4.00	12.60	\$4,048.32	\$5,392.13	\$276.62	*	\$243.87	\$389.47	\$10,350.42	0
75'	H3	\$243.87	4.00	12.60	\$4,048.32	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
80'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
85'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
90'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

Weighted Average

Individual Cost:

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$243.87	4.00	10.40	\$3,511.80	\$4,299.37	\$220.56	*	\$243.87	\$390.00	\$338.83	\$9,004.43
45'	0	\$243.87	4.00	10.40	\$3,511.80	\$4,635.61	\$237.81	*	\$243.87	\$390.00	\$352.65	\$9,371.74
50'	1	\$243.87	4.00	10.40	\$3,511.80	\$4,192.14	\$215.06	*	\$243.87	\$570.00	\$341.46	\$9,074.33
55'	1	\$243.87	5.00	10.40	\$3,755.67	\$4,391.88	\$225.30	*	\$243.87	\$570.00	\$359.20	\$9,545.93
60'	1	\$243.87	5.00	10.40	\$3,755.67	\$5,456.11	\$279.90	*	\$243.87	\$570.00	\$402.95	\$10,708.51
65'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,697.09	\$292.26	*	\$243.87	\$850.00	\$444.78	\$11,820.20
70'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,928.93	\$304.15	*	\$243.87	\$850.00	\$454.31	\$12,073.46
75'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,202.15	\$318.17	*	\$243.87	\$920.00	\$468.28	\$12,444.67
80'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,461.29	\$331.46	*	\$243.87	\$920.00	\$478.93	\$12,727.75
85'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,797.32	\$348.70	*	\$243.87	\$1,030.00	\$497.04	\$13,209.13
90'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,059.11	\$362.13	*	\$243.87	\$1,260.00	\$544.45	\$14,469.00
95'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,405.57	\$379.91	*	\$243.87	\$1,260.00	\$558.69	\$14,847.48
100'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,714.33	\$395.75	*	\$243.87	\$1,260.00	\$571.38	\$15,184.77
110'	1	\$243.87	5.00	15.50	\$4,999.43	\$9,160.30	\$469.92	*	\$243.87	\$1,260.00	\$630.82	\$16,764.35

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

**2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement**

Please submit to SCJPC by:
January 01, 2018

SCJPC Member Utility submitting: **LADWP**
 Person completing worksheet: **Ronald Schram**
 Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

 Weighted Average **XXXXXX** Individual Costs **XXXXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	169.41	4	16.65	\$3,498.32	\$375.47	\$67.58	\$315.16	\$216.28	*	\$4,473	
40'	3	169.41	4	16.65	\$3,498.32	\$457.93	\$82.43	\$315.16	\$216.28	*	\$4,570	
45'	2	169.41	4	16.65	\$3,498.32	\$621.97	\$111.95	\$315.16	\$216.28	*	\$4,764	
50'	2	169.41	4	16.65	\$3,498.32	\$721.10	\$129.80	\$315.16	\$216.28	*	\$4,881	
50'	H3	169.41	4	16.65	\$3,498.32	\$1,416.77	\$255.02	\$315.16	\$216.28	*	\$5,702	
55'	2	169.41	4	16.65	\$3,498.32	\$845.67	\$152.22	\$315.16	\$216.28	*	\$5,028	
55'	H3	169.41	4	16.65	\$3,498.32	\$1,677.31	\$301.92	\$315.16	\$216.28	*	\$6,009	
60'	2	169.41	4	16.65	\$3,498.32	\$979.89	\$176.38	\$315.16	\$216.28	*	\$5,186	
65'	2	169.41	4	19.85	\$4,040.43	\$1,159.73	\$208.75	\$364.00	\$216.28	*	\$5,989	
70'	2	169.41	4	19.85	\$4,040.43	\$1,274.65	\$229.44	\$364.00	\$216.28	*	\$6,125	
70'	H3	169.41	4	19.85	\$4,040.43	\$2,465.09	\$443.72	\$364.00	\$216.28	*	\$7,530	
75'	2	169.41	4	19.85	\$4,040.43	\$1,494.84	\$269.07	\$364.00	\$216.28	*	\$6,385	
80'	2	169.41	4	19.85	\$4,040.43	\$1,710.65	\$307.92	\$364.00	\$216.28	*	\$6,639	
85'	2	169.41	4	19.85	\$4,040.43	\$1,922.07	\$345.97	\$364.00	\$216.28	*	\$6,889	
90'	2	169.41	4	19.85	\$4,040.43	\$2,259.81	\$406.77	\$364.00	\$216.28	*	\$7,287	
95'	2	169.41	4	19.85	\$4,040.43	\$2,549.30	\$458.87	\$364.00	\$216.28	*	\$7,629	
100'	2	169.41	4	19.85	\$4,040.43	\$2,901.96	\$522.35	\$364.00	\$216.28	*	\$8,045	
110'	1	169.41	4	19.85	\$4,040.43	\$4,380.14	\$788.43	\$364.00	\$216.28	*	\$9,789	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	115,000 ft-lbs	\$169.41	4	16.65	\$2,717.57	\$1,315.91	\$236.86	\$315.16	\$216.28	*	\$4,802	
45'	115,000 ft-lbs	\$169.41	4	16.65	\$2,846.47	\$1,492.01	\$268.56	\$315.16	\$216.28	*	\$5,138	
50'	115,000 ft-lbs	\$169.41	4	16.65	\$2,953.89	\$1,890.09	\$340.22	\$315.16	\$216.28	*	\$5,716	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 2/16/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,717.57	\$489.16	\$315.16	\$216.28	*	\$7,236	
45'	97,5000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,846.47	\$512.36	\$315.16	\$216.28	*	\$7,389	
50'	101,300 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,953.89	\$531.70	\$315.16	\$216.28	*	\$7,515	
55'	136,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,061.30	\$551.03	\$315.16	\$216.28	*	\$7,642	
60'	150,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,211.68	\$578.10	\$315.16	\$216.28	*	\$7,820	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories (i.e. Direct Labor (loaded) or General & Administrative), use the appropriate designator listed below to show under which Price Matrix category those expenses are already included.

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,087.91	\$375.82	\$356.08	\$216.28	*	\$7,077	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,232.27	\$401.81	\$364.00	\$216.28	*	\$7,255	
55'	189300 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,880.83	\$518.55	\$364.00	\$216.28	*	\$8,020	
60'	208000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,282.06	\$590.77	\$364.00	\$216.28	*	\$8,494	
65'	226700 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,441.28	\$619.43	\$364.00	\$216.28	*	\$8,681	
70'	245000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$3,690.73	\$664.33	\$441.83	\$216.28	*	\$9,918	
70'	Heavy 318600 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,211.92	\$758.15	\$441.83	\$216.28	*	\$10,533	
75'	264,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,233.14	\$761.97	\$441.83	\$216.28	*	\$10,558	
75'	Heavy 343,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,699.12	\$845.84	\$441.83	\$216.28	*	\$11,107	
80'	282,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,352.03	\$783.37	\$441.83	\$216.28	*	\$10,698	
80'	Heavy 367,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,992.10	\$898.58	\$441.83	\$216.28	*	\$11,453	
85'	301,600 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,643.93	\$835.91	\$441.83	\$216.28	*	\$11,042	
90'	320,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,936.90	\$888.64	\$441.83	\$216.28	*	\$11,388	
100'	357,800 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$5,845.51	\$1,052.19	\$441.83	\$216.28	*	\$12,460	
110'	395,000 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$6,917.60	\$1,245.17	\$441.83	\$216.28	*	\$13,725	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$169.41	4	19.85	\$4,040.43	\$4,750.00	\$855.00	\$364.00	\$216.28	*	\$10,225.71	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$169.41	4	22.15	\$4,430.07	\$4,634.20	\$834.16	\$399.10	\$216.28	*	\$10,513.81	
55'		0	0	0	0						\$0.00	
60'	H-1	\$169.41	4	22.65	\$4,514.78	\$4,859.24	\$874.66	\$406.73	\$216.28	*	\$10,871.69	
65'												
70'	H-4	\$169.41	4	23.25	\$4,616.42	\$5,004.24	\$900.76	\$415.89	\$216.28	*	\$11,153.60	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

**** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$1,989.63	\$358.13	364.00	\$216.28	*	\$6,968	
50' Heavy	143,900 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,357.37	\$424.33	\$364.00	\$216.28	*	\$7,402	
55'	133,100 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,822.11	\$507.98	\$364.00	\$216.28	*	\$7,951	
55' Heavy	221,8000 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,893.13	\$700.76	\$364.00	\$216.28	*	\$9,215	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	288,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,368.94	\$966.41	\$400.63	\$216.28	*	\$11,399	
75' Heavy	310,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,656.45	\$1,018.16	\$400.63	\$216.28	*	\$11,739	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2017

SCJPC Member Utility submitting: **AT&T California**

Person completing worksheet: **M. Carmichael**

Call Back Telephone Number & Email: **(626) 578-3677 mn2861@att.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		130	2	9	1430	149	15	500	149	286	2529	
30'		130	2	9	1430	184	18	500	149	286	2567	
35'		130	2	12	1820	228	23	500	149	364	3084	
40'		130	2	12	1820	340	34	500	149	364	3207	
45'		130	2	12	1820	415	42	500	149	364	3290	
50'		130	2	12	1820	542	54	500	149	364	3429	
55'		130	2	15	2210	682	68	600	149	442	4151	
60'		130	2	15	2210	787	79	600	149	442	4267	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: City of Burbank

Person completing worksheet: Ayman Arraj

Call Back Telephone Number & Email: (818)238-3639 aarraj@burbankca.gov

***** Weighted Average Individual Costs (First year)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2017

SCJPC Member Utility submitting: **City of Lompoc**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	121.92	8.5	12	2499.36	290.21	64.64	186.94	191.88	1419.67	4652.7	
30'	5	121.92	8.5	12	2499.36	348.18	90.65	186.94	191.88	1419.67	4736.7	
35'	5	121.92	8.5	12	2499.36	405.88	107.44	186.94	191.88	1419.67	4811.2	
40'	5	121.92	8.5	13	2621.28	779	201.63	186.94	191.88	1483.3	5464	
45'	3	121.92	8.5	13	2621.28	812.71	243.81	186.94	191.88	1483.3	5539.9	
45'	2	121.92	8.5	13	2621.28	887.71	262.07	186.94	191.88	1483.3	5633.2	
50'	3	121.92	8.5	14	2743.2	988.23	280.32	186.94	191.88	1546.94	5937.51	
55'	2	121.92	8.5	14	2743.2	1208.23	325.04	186.94	191.88	1546.94	6202.23	
60'	2	121.92	8.5	14	2743.2	1379.24	377.13	186.94	191.88	1546.94	6425.33	
65'	2	121.92	8.5	14	2743.2	1345.6	393.83	186.94	191.88	1546.94	6408.39	
70'	2	121.92	8.5	14	2743.2	1938.79	567.45	186.94	191.88	1610.57	7238.83	
75'	2	121.92	8.5	14	2743.2	2269.5	664.25	186.94	191.88	1610.57	7666.34	
80'	2	121.92	8.5	16	2987.04	2478.49	718.4	186.94	191.88	1674.21	8236.96	
85'	2	121.92	8.5	16	2987.04	2753.54	798.13	186.94	191.88	1674.21	8591.74	
90'	2	121.92	8.5	16	2987.04	3071.43	890.27	186.94	191.88	1674.21	9001.77	
95'	2	121.92	8.5	16	2987.04	3722.12	1078.88	186.94	191.88	1674.21	9841.07	
100'	H1	121.92	8.5	16	2987.04	4198.61	1216.41	186.94	191.88	1674.21	10455.1	
110'	H1	121.92	8.5	16	2987.04	6751.72	1957.02	186.94	191.88	1674.21	13748.8	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

by:

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **Yvonne Johnson**

Call Back Telephone Number & Email: **818-898-2352, yvonne.johnson@cableeng.com**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/201**

NOTE: POLE PRICES FOR 75'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

Call Back Telephone Number & Email: **909-866-4678 EXT. 143**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	120.95	1	4	604.75	454.92	0	504.28	212.22	459.99	2236.16	
40'	1	120.95	1	4	604.75	762.89	0	504.28	212.22	459.99	2544.13	
45'	1	120.95	1	5	725.7	867.26	0	504.28	212.22	459.99	2769.45	
50'	1	120.95	1	8	1088.55	1035.34	0	504.28	212.22	459.99	3300.38	
50'	H2	120.95	1	8	1088.55	1398.32	0	504.28	212.22	459.99	3663.36	
55'	H3	120.95	1	8	1088.55	2083.37	0	504.28	212.22	459.99	4348.41	
60'	H2	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
65'	H4	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) 2/16/2018 Cost Included in Column #10

(****)

Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
February 15, 2018

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	4	75	8	11	1425	196	21	*	92	28	1,762	0
	5	75	8	11	1425	151	19	*	92	28	1,715	0
30'	3	75	8	11	1425	315	33	*	92	28	1,893	0
	4	75	8	11	1425	265	29	*	92	28	1,839	0
	5	75	8	11	1425	222	25	*	92	28	1,792	0
35'	2	75	8	11	1425	344	49	*	92	28	1,938	0
	3	75	8	11	1425	270	42	*	92	28	1,857	0
	4	75	8	11	1425	344	38	*	92	28	1,927	0
	5	75	8	11	1425	252	31	*	92	28	1,828	0
40'	2	75	8	11	1425	475	61	*	92	28	2,081	0
	3	75	8	11	1425	487	51	*	92	28	2,083	0
	4	75	8	11	1425	422	45	*	92	28	2,012	0
	5	75	8	11	1425	358	39	*	92	28	1,942	0
45'	3	75	8	11	1425	442	67	*	92	28	2,054	0
	4	75	8	11	1425	500	55	*	92	28	2,100	0
	5	75	8	11	1425	441	48	*	92	28	2,034	0
50'	3	75	8	14	1650	457	75	*	92	28	2,302	0
	4	75	8	14	1650	682	64	*	92	28	2,516	0
55'	1	75	8	14	1650	1011	100	*	92	28	2,881	0
	3	75	8	14	1650	612	88	*	92	28	2,470	0
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	0

	3	75	8	14	1650	1150	98	*	92	28	3,018	0
65'	2	75	8	14	1650	1100	141	*	92	28	3,011	0

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **City of Vernon**

Person completing worksheet: **BASEM ANDRAWOS**

Call Back Telephone Number & Email: **(323) 583-8811 ext :277**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
35'	2	96.63	1	4	483.15	460.00	46.00	455.00	230.00	115.00	1,789.15	
40'	2	96.63	1	4	483.15	480.00	48.00	455.00	230.00	115.00	1,811.15	
40'	1	96.63	1	4	483.15	610.00	61.00	455.00	230.00	115.00	1,954.15	
45'	1	96.63	1	5	579.78	790.00	79.00	455.00	230.00	115.00	2,248.78	
45'	H4	96.63	1	5	579.78	1,460.00	146.00	455.00	230.00	115.00	2,985.78	
50'	1	96.63	1	8	869.67	980.00	98.00	455.00	230.00	115.00	2,747.67	
50'	H2	96.63	1	8	869.67	1,560.00	156.00	455.00	230.00	115.00	3,385.67	
50'	H5	96.63	1	8	869.67	1,840.00	184.00	455.00	230.00	115.00	3,693.67	
55'	1	96.63	1	8	833.22	1,050.00	105.00	455.00	230.00	115.00	2,788.22	
55'	H2	96.63	1	8	869.67	1,600.00	160.00	455.00	230.00	115.00	3,429.67	
60'	1	96.63	1	8	869.67	1,500.00	150.00	610.00	230.00	115.00	3,474.67	
60'	H2	96.63	1	8	869.67	2,020.00	202.00	610.00	230.00	115.00	4,046.67	
60'	H5	96.63	1	8	869.67	2,370.00	237.00	610.00	230.00	115.00	4,431.67	
65'	2	96.63	1	8.5	917.99	1,690.00	169.00	610.00	230.00	115.00	3,731.99	
65'	1	96.63	1	8.5	917.99	1,710.00	171.00	610.00	230.00	115.00	3,753.99	
65'	H2	96.63	1	8.5	917.99	1,920.00	192.00	610.00	230.00	115.00	3,984.99	
70'	2	96.63	1	9	966.30	1,740.00	174.00	610.00	230.00	115.00	3,835.30	
70'	1	96.63	1	9	966.30	1,830.00	183.00	610.00	230.00	115.00	3,934.30	
70'	H2	96.63	1	9	966.30	2,240.00	224.00	610.00	230.00	115.00	4,385.30	
70'	H5	96.63	1	9	966.30	3,130.00	313.00	610.00	230.00	115.00	5,364.30	
75'	1	96.63	1.25	9	990.46	1,890.00	189.00	782.00	230.00	115.00	4,196.46	
75'	H2	96.63	1.25	9	990.46	2,340.00	234.00	782.00	230.00	115.00	4,691.46	
80'	1	96.63	1.25	9	990.46	2,980.00	298.00	782.00	230.00	115.00	5,395.46	
80'	H2	96.63	1.25	9	990.46	3,070.00	307.00	782.00	230.00	115.00	5,494.46	
85'	1	96.63	1.25	10	1,087.09	3,020.00	302.00	782.00	230.00	115.00	5,536.09	

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

April 17, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:11 a.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Chrys Champlin – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Bret Plaskey – Frontier Communications
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Lynn Prescott – Verizon Wireless
Ms. Shawn Henderson – T-Mobile
Ms. Sven Knauth – City of Burbank
Ms. Kay Black – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Mr. Josh Mathisen – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Ms. Carmichael called the meeting to order at 9:11 a.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – The committee has decided to table this discussion for later in the year.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata informed the committee she updated the matrix with pole pricing from Frontier and PBM. The committee then reviewed the updated Pole Price Matrix. Ms. Hernandez informed the committee she will be looking into pricing on poles 65’ and taller for SPR and FON. The pricing as of now is extremely high. Ms. Hernandez will notify Ms. Pranata as soon as she has an answer on whether or not SPR and FON will update pricing for poles over 65’. Ms. Pranata then informed the committee she would be adding a note to “disregard pole pricing for 75’ and higher” for LAC (AT&T Mobility). Mr. Brown (SCE) updated the committee on SCE embedding crane costs into lightweight steel pole prices. According to his records, which date back 10 years, SCE has always included crane costs in their lightweight steel pole pricing. After review of all pole prices Ms. Pranata opened the floor to any questions, comments or changes. There were none at the time.

Miscellaneous/ New Item numbers – Ms. Carmichael opened the floor to any new items or concerns. There were none at the time.

Agenda Item 8 - Review of Action Items:

- Ms. Hernandez to look into pricing on poles over 65’ for SPR and FON.

The ad hoc meeting adjourned at 9:28 a.m.

The next meeting is scheduled for May 15, 2018.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions**

Member Code	Member Name	2019 Auth Cost	2018 Individual	2018 Weighted Average	2017 Auth Cost	2017 Individual	2017 Weighted Average	Comments	
1	E Edison		I		AC	I			E
2	FTR Frontier Communications		I		AC	I			FTR
3	H AT&T CA		I		AC	I			H
4	M City of LA		I		AC	I			M
5	NG Crown Castle NG West Inc.							Did not submit 2018 pole prices	NG
6	ATC Verizon Wireless			WA	AC		WA	Corrected to Weighted Average, not Individual	ATC
7	J City of Riverside							Did not submit 2018 pole prices	J
8	D City of Anaheim							Did not submit 2018 pole prices	D
9	TCA Teleport Comm. America, LLC			WA	AC		WA	Corrected to Weighted Average, not Individual	TCA
10	A City of Glendale							Did not submit 2018 pole prices	A
11	ATS MCI Metro/ATS							Did not submit 2018 pole prices	ATS
12	B City of Burbank		I			I			B
13	MP City of Pasadena		I			I			MP
14	TWC Time Warner Cable			WA			WA		TWC
15	SCW Golden State Water		I		AC	I			SCW
16	LAC AT&T Mobility		I		AC	I			LAC
17	NXT XO Communications			WA	AC		WA		NXT
18	F City of Colton							Did not submit 2018 pole prices	F
19	MA City of Azusa							Did not submit 2018 pole prices	MA
20	COB City of Banning							Did not submit 2018 pole prices	COB
21	LLW City of Lompoc		I		AC	I			LLW
22	MCI MCI Telecomm							Did not submit 2018 pole prices	MCI
23	V City of Vernon		I				WA	First year to publish Individual Price. Historically included in Weighted Average	V
24	NPN NewPath Networks							Did not submit 2018 pole prices	NPN
25	SPR Sprint Nextel Corp.			WA	AC		WA		SPR
26	ICG Mpower Comm							Did not submit 2018 pole prices	ICG
27	PBM T-Mobile USA			WA			WA	Excel file corrected	PBM
28	FON Sprint Comm, LP			WA	AC		WA		FON
29	EXT ExteNet Systems							Did not submit 2018 pole prices	EXT
30	CCI CA-CLEC LLC							Did not submit 2018 pole prices	CCI
31	AMT ATC-Outdoor DAS, LLC							Did not submit 2018 pole prices	AMT
32	MOB Mobilitie, LLC							Did not submit 2018 pole prices	MOB
Total Submitted Costs		0	10	7	12	9	8		
		Auth Cost	Individual	Weighted Average	Auth Cost	Individual	Weighted Average		

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

Weighted average pole costs are computed as follows: The pole costs submitted for each pole height are multiplied by the number of poles, per pole height, set by the submitting members in the last year. The total of these costs are then divided by the total number of poles, per pole height, set by each submitting member in the last year. The resulting figure is the weighted average pole cost. The weighted average of Cost F.O.B. becomes the salvage value.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790	ATC
TCA		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790	TCA
SPR		70.00	6.00	12.00	1260.00	520.00 (**)	468.00	78.00	189.00	2515	1	520	2515	SPR	
FON		70.00	6.00	12.00	1260.00	520.00 (**)	468.00	78.00	189.00	2515	1	520	2515	FON	
NXT	4	237.38	2.00	6.00	1899.04	1493.00		147.13		3539	1	1493	3539	NXT	
PBM		63.00	10.50	16.80	1719.90	488.25 **	*	*	*	2208	1	488	2208	PBM	
	Salvage	665								TOTALS	14357	6	3993	14357	
									Wgt Ave		2393		665		
	2017	PROP.	%												
	PRICE	2018	CHG.												
	2300	2393	4												

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976	ATC
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976	TCA
SPR		70.00	6.00	12.00	1260.00	600.00 (**)	468.00	78.00	189.00	2595	1	600	2595	SPR	
FON		70.00	6.00	12.00	1260.00	600.00 (**)	468.00	78.00	189.00	2595	1	600	2595	FON	
NXT	4	237.38	2.00	6.00	1899.04	1493.00		147.13		3539	1	1493	3539	NXT	
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	4	5600	16920	TWN/S
PBM		63.00	10.50	18.90	1852.2	611.10 **	*	*	*	2463	1	611	2463	PBM	
	Salvage	1014								TOTALS	19375	10	10142	32065	
									Wgt Ave		3207		1014		
	2017	PROP.	%												
	PRICE	2018	CHG.												
	2710	3207	18												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

35' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS									F.O.B.	EXP
ATC		85.00	5.00	6.00	935.00	754.42	301.75	*		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75	*		N/A	174.64	2166	1	754	2166	TCA
SPR		70.00	6.00	12.00	1260.00	675.00	(**)		468.00	78.00	189.00	2670	1	675	2670	SPR
FON		70.00	6.00	12.00	1260.00	675.00	(**)		468.00	78.00	189.00	2670	1	675	2670	FON
NXT	4	237.38	2.00	6.00	1899.04	1652.00				147.13		3698	1	1652	3698	NXT
PBM		63.00	10.50	18.90	1852.20	756.00	**	*	*	*	*	2608	1	756	2608	PBM
												0	0	0	0	
	Salvage	878														
												TOTALS	15978	6	5267	15978
										Wgt Ave		2663		878		

2017	PROP.	%
PRICE	2018	CHG.
2675	2663	0

40' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS									F.O.B.	EXP
ATC		85.00	5.00	10.00	1275.00	981.13	392.44	*		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44	*		N/A	238.14	2887	1	981	2887	TCA
SPR		70.00	8.00	14.00	1540.00	850.00	(**)		572.00	78.00	231.00	3271	1	850	3271	SPR
FON		70.00	8.00	14.00	1540.00	850.00	(**)		572.00	78.00	231.00	3271	1	850	3271	FON
NXT	4	237.38	2.00	6.00	1899.04	1780.00				147.13		3826	1	1780	3826	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00		600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	27.30	2381.40	924.00	**	*	*	*	*	3305	1	924	3305	PBM
	Salvage	1109														
												TOTALS	23677	7	7766	23677
										Wgt Ave		3382		1109		

2017	PROP.	%
PRICE	2018	CHG.
2931	3382	15

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

45' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	F.O.B.									
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	SPR
FON		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	FON
NXT	4	237.38	2.00	6.00	1899.04	1937.00			147.13		3983	1	1937	3983	NXT
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	3606	1	1092	3606	PBM
	Salvage	1220									TOTALS	21791	6	7323	21791
									Wgt Ave		3632			1220	

2017	PROP.	%
PRICE	2018	CHG.
3379	3632	7

50' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	F.O.B.									
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	TCA
SPR		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	SPR
FON		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	FON
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	4171	1	1260	4171	PBM
	Salvage	1315									TOTALS	21351	5	6573	21351
									Wgt Ave		4270			1315	

2017	PROP.	%
PRICE	2018	CHG.
3833	4270	11

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

55' POLE		LOADED	NO. OF HOURS		LOADED			ENG			Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09*		N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09*		N/A	448.20	4362	1	1520	4362	TCA
SPR		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	SPR
FON		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	FON
PBM		63.00	10.50	39.90	3175.20	1443.75	**	*	*	*	4619	1	1444	4619	PBM
	Salvage	1569													
										TOTALS	24526	5	7844	24526	
									Wgt Ave		4905		1569		

2017	PROP.	%
PRICE	2018	CHG.
4406	4905	11

60' POLE		LOADED	NO. OF HOURS		LOADED			ENG			Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45*		N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45*		N/A	396.90	4893	1	1693	4893	TCA
SPR		70.00	10.00	30.00	2800.00	2400.00 (**)		1340.00	78.00	420.00	7038	1	2400	7038	SPR
FON		70.00	10.00	30.00	2800.00	2400.00 (**)		1340.00	78.00	420.00	7038	1	2400	7038	FON
	Salvage	2047													
										TOTALS	23861	4	8187	23861	
									Wgt Ave		5965		2047		

2017	PROP.	%
PRICE	2018	CHG.
5315	5965	12

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

65' POLE	LOADED		NO. OF HOURS		LOADED					ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242	1	1943	5242	ATC
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242	1	1943	5242	TCA
SPR		70.00	18.00	38.00	3920.00	2800.00	(**)		1876.00	78.00	9262	1	2800	9262	SPR
FON		70.00	18.00	38.00	3920.00	2800.00	(**)		1876.00	78.00	9262	1	2800	9262	FON
	Salvage	2372									TOTALS	29009	4	9486	29009
									Wgt Ave		7252			2372	

2017	PROP.	%
PRICE	2018	CHG.
6297	7252	15

70' POLE	LOADED		NO. OF HOURS		LOADED					ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	1	3262	7693	ATC
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	1	3262	7693	TCA
SPR		80.00	20.00	40.00	4800.00	3200.00	(**)		2010.00	78.00	10808	1	3200	10808	SPR
FON		80.00	20.00	40.00	4800.00	3200.00	(**)		2010.00	78.00	10808	1	3200	10808	FON
	Salvage	3231									TOTALS	37003	4	12923	37003
									Wgt Ave		9251			3231	

2017	PROP.	%
PRICE	2018	CHG.
7904	9251	17

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

75' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	SPR
FON		80.00	20.00	46.00	5280.00	3500.00	(**)	2211.00	78.00	792.00	11861	1	3500	11861	FON
	Salvage	3500													
										TOTALS	23722	2	7000	23722	
	2017 PRICE	PROP. 2018	% CHG.						Wgt Ave		11861				
	8856	11861	34												

80' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &		NO. OF	F.O.B.	TOTAL	
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	SPR
FON		90.00	30.00	60.00	8100.00	4000.00	(**)	3015.00	78.00	1215.00	16408	1	4000	16408	FON
	Salvage	4000													
										TOTALS	32816	2	8000	32816	
									Wgt Ave		16408				
	2017 PRICE	PROP. 2018	% CHG.												
	12004	16408	37												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

85' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG	Gen					
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	and & Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	SPR
FON		90.00	30.00	66.00	8640.00	4800.00	(**)	3600.00	78.00	1296.00	18414	1	4800	18414	FON
	Salvage	4800													
										TOTALS	36828	2	9600	36828	
	2017 PRICE	PROP. 2018	% CHG.						Wgt Ave		18414				
	13411	18414	37												

90' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG	Gen					
	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	and & Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	SPR
FON		90.00	40.00	70.00	9900.00	5400.00	(**)	4400.00	78.00	1485.00	21263	1	5400	21263	FON
	Salvage	5400											0	0	
										TOTALS	42526	2	10800	42526	
	2017 PRICE	PROP. 2018	% CHG.						Wgt Ave		21263				
	15408	21263	38												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733
FON		90.00	50.00	80.00	11700.00	7000.00	(**)	5200.00	78.00	1755.00	25733	1	7000	25733
	Salvage	7000												
										TOTALS	51466	2	14000	51466
									Wgt Ave		25733			

2017	PROP.	%
PRICE	2018	CHG.
17806	25733	45

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868
FON		90.00	60.00	80.00	12600.00	8000.00	(**)	6300.00	78.00	1890.00	28868	1	8000	28868
	Salvage	8000												
										TOTALS	57736	2	16000	57736
									Wgt Ave		28868			

2017	PROP.	%
PRICE	2018	CHG.
21072	28868	37

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 2

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038
FON		90.00	60.00	100.00	14400.00	9000.00	(**)	6400.00	78.00	2160.00	32038	1	9000	32038
											0		0	0
	Salvage	9000												
										TOTALS	64076	2	18000	64076
									Wgt Ave		32038			

2017	PROP.	%
PRICE	2018	CHG.
30118	32038	6

- NOTES:
- ATC Equipment expense included in column Direct Labor (loaded)
 - TCA Equipment expense included in column Direct Labor (loaded)
 - SPR Supply expense included in column Material Cost (FOB)
 - FON Supply expense included in column Material Cost (FOB)
 - PBM Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **City of Vernon**

Person completing worksheet: **BASEM ANDRAWOS**

Call Back Telephone Number & Email: **(323) 583-8811 ext :277**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
35'	2	96.63	1	4	483.15	460.00	46.00	455.00	230.00	115.00	1,789.15	
40'	2	96.63	1	4	483.15	480.00	48.00	455.00	230.00	115.00	1,811.15	
40'	1	96.63	1	4	483.15	610.00	61.00	455.00	230.00	115.00	1,954.15	
45'	1	96.63	1	5	579.78	790.00	79.00	455.00	230.00	115.00	2,248.78	
45'	H4	96.63	1	5	579.78	1,460.00	146.00	455.00	230.00	115.00	2,985.78	
50'	1	96.63	1	8	869.67	980.00	98.00	455.00	230.00	115.00	2,747.67	
50'	H2	96.63	1	8	869.67	1,560.00	156.00	455.00	230.00	115.00	3,385.67	
50'	H5	96.63	1	8	869.67	1,840.00	184.00	455.00	230.00	115.00	3,693.67	
55'	1	96.63	1	8	833.22	1,050.00	105.00	455.00	230.00	115.00	2,788.22	
55'	H2	96.63	1	8	869.67	1,600.00	160.00	455.00	230.00	115.00	3,429.67	
60'	1	96.63	1	8	869.67	1,500.00	150.00	610.00	230.00	115.00	3,474.67	
60'	H2	96.63	1	8	869.67	2,020.00	202.00	610.00	230.00	115.00	4,046.67	
60'	H5	96.63	1	8	869.67	2,370.00	237.00	610.00	230.00	115.00	4,431.67	
65'	2	96.63	1	8.5	917.99	1,690.00	169.00	610.00	230.00	115.00	3,731.99	
65'	1	96.63	1	8.5	917.99	1,710.00	171.00	610.00	230.00	115.00	3,753.99	
65'	H2	96.63	1	8.5	917.99	1,920.00	192.00	610.00	230.00	115.00	3,984.99	
70'	2	96.63	1	9	966.30	1,740.00	174.00	610.00	230.00	115.00	3,835.30	
70'	1	96.63	1	9	966.30	1,830.00	183.00	610.00	230.00	115.00	3,934.30	
70'	H2	96.63	1	9	966.30	2,240.00	224.00	610.00	230.00	115.00	4,385.30	
70'	H5	96.63	1	9	966.30	3,130.00	313.00	610.00	230.00	115.00	5,364.30	
75'	1	96.63	1.25	9	990.46	1,890.00	189.00	782.00	230.00	115.00	4,196.46	
75'	H2	96.63	1.25	9	990.46	2,340.00	234.00	782.00	230.00	115.00	4,691.46	
80'	1	96.63	1.25	9	990.46	2,980.00	298.00	782.00	230.00	115.00	5,395.46	
80'	H2	96.63	1.25	9	990.46	3,070.00	307.00	782.00	230.00	115.00	5,494.46	
85'	1	96.63	1.25	10	1,087.09	3,020.00	302.00	782.00	230.00	115.00	5,536.09	

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **AT&T California**

Person completing worksheet: **M. Carmichael**

Call Back Telephone Number & Email: **(626) 578-3677 mn2861@att.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		130	2	9	1430	149	15	500	149	286	2529	
30'		130	2	9	1430	184	18	500	149	286	2567	
35'		130	2	12	1820	228	23	500	149	364	3084	
40'		130	2	12	1820	340	34	500	149	364	3207	
45'		130	2	12	1820	415	42	500	149	364	3290	
50'		130	2	12	1820	542	54	500	149	364	3429	
55'		130	2	15	2210	682	68	600	149	442	4151	
60'		130	2	15	2210	787	79	600	149	442	4267	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

Call Back Telephone Number & Email: **(818)238-3639 aarraj@burbankca.gov**

***** Weighted Average Individual Costs (First year)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2017

SCJPC Member Utility submitting: **City of Lompoc**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

**2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement**

Please submit to SCJPC by:
January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	169.41	4	16.65	\$3,498.32	\$375.47	\$67.58	\$315.16	\$216.28	*	\$4,473	
40'	3	169.41	4	16.65	\$3,498.32	\$457.93	\$82.43	\$315.16	\$216.28	*	\$4,570	
45'	2	169.41	4	16.65	\$3,498.32	\$621.97	\$111.95	\$315.16	\$216.28	*	\$4,764	
50'	2	169.41	4	16.65	\$3,498.32	\$721.10	\$129.80	\$315.16	\$216.28	*	\$4,881	
50'	H3	169.41	4	16.65	\$3,498.32	\$1,416.77	\$255.02	\$315.16	\$216.28	*	\$5,702	
55'	2	169.41	4	16.65	\$3,498.32	\$845.67	\$152.22	\$315.16	\$216.28	*	\$5,028	
55'	H3	169.41	4	16.65	\$3,498.32	\$1,677.31	\$301.92	\$315.16	\$216.28	*	\$6,009	
60'	2	169.41	4	16.65	\$3,498.32	\$979.89	\$176.38	\$315.16	\$216.28	*	\$5,186	
65'	2	169.41	4	19.85	\$4,040.43	\$1,159.73	\$208.75	\$364.00	\$216.28	*	\$5,989	
70'	2	169.41	4	19.85	\$4,040.43	\$1,274.65	\$229.44	\$364.00	\$216.28	*	\$6,125	
70'	H3	169.41	4	19.85	\$4,040.43	\$2,465.09	\$443.72	\$364.00	\$216.28	*	\$7,530	
75'	2	169.41	4	19.85	\$4,040.43	\$1,494.84	\$269.07	\$364.00	\$216.28	*	\$6,385	
80'	2	169.41	4	19.85	\$4,040.43	\$1,710.65	\$307.92	\$364.00	\$216.28	*	\$6,639	
85'	2	169.41	4	19.85	\$4,040.43	\$1,922.07	\$345.97	\$364.00	\$216.28	*	\$6,889	
90'	2	169.41	4	19.85	\$4,040.43	\$2,259.81	\$406.77	\$364.00	\$216.28	*	\$7,287	
95'	2	169.41	4	19.85	\$4,040.43	\$2,549.30	\$458.87	\$364.00	\$216.28	*	\$7,629	
100'	2	169.41	4	19.85	\$4,040.43	\$2,901.96	\$522.35	\$364.00	\$216.28	*	\$8,045	

4/3/2018

110'	1	169.41	4	19.85	\$4,040.43	\$4,380.14	\$788.43	\$364.00	\$216.28	*	\$9,789	
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NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	115,000 ft-lbs	\$169.41	4	16.65	\$2,717.57	\$1,315.91	\$236.86	\$315.16	\$216.28	*	\$4,802	
45'	115,000 ft-lbs	\$169.41	4	16.65	\$2,846.47	\$1,492.01	\$268.56	\$315.16	\$216.28	*	\$5,138	
50'	115,000 ft-lbs	\$169.41	4	16.65	\$2,953.89	\$1,890.09	\$340.22	\$315.16	\$216.28	*	\$5,716	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 4/3/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass MULTI PIECES (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,717.57	\$489.16	\$315.16	\$216.28	*	\$7,236	
45'	97,5000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,846.47	\$512.36	\$315.16	\$216.28	*	\$7,389	
50'	101,300 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,953.89	\$531.70	\$315.16	\$216.28	*	\$7,515	
55'	136,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,061.30	\$551.03	\$315.16	\$216.28	*	\$7,642	
60'	150,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,211.68	\$578.10	\$315.16	\$216.28	*	\$7,820	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the

Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	23000 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,087.91	\$375.82	\$356.08	\$216.28	*	\$7,077	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,00 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,232.27	\$401.81	\$364.00	\$216.28	*	\$7,255	
55'	18930 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,880.83	\$518.55	\$364.00	\$216.28	*	\$8,020	
60'	20800 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,282.06	\$590.77	\$364.00	\$216.28	*	\$8,494	
65'	22670 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,441.28	\$619.43	\$364.00	\$216.28	*	\$8,681	
70'	24500 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$3,690.73	\$664.33	\$441.83	\$216.28	*	\$9,918	
70' Heavy	31860 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,211.92	\$758.15	\$441.83	\$216.28	*	\$10,533	
75'	264,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,233.14	\$761.97	\$441.83	\$216.28	*	\$10,558	
75' Heavy	343,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,699.12	\$845.84	\$441.83	\$216.28	*	\$11,107	
80'	282,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,352.03	\$783.37	\$441.83	\$216.28	*	\$10,698	
80' Heavy	367,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,992.10	\$898.58	\$441.83	\$216.28	*	\$11,453	
85'	301,60 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,643.93	\$835.91	\$441.83	\$216.28	*	\$11,042	
90'	320,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,936.90	\$888.64	\$441.83	\$216.28	*	\$11,388	
100'	357,80 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$5,845.51	\$1,052.19	\$441.83	\$216.28	*	\$12,460	
110'	395,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$6,917.60	\$1,245.17	\$441.83	\$216.28	*	\$13,725	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$169.41	4	19.85	\$4,040.43	\$4,750.00	\$855.00	\$364.00	\$216.28	*	\$10,225.71	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$169.41	4	22.15	\$4,430.07	\$4,634.20	\$834.16	\$399.10	\$216.28	*	\$10,513.81	
55'		0	0	0	0						\$0.00	
60'	H-1	\$169.41	4	22.65	\$4,514.78	\$4,859.24	\$874.66	\$406.73	\$216.28	*	\$10,871.69	
65'												
70'	H-4	\$169.41	4	23.25	\$4,616.42	\$5,004.24	\$900.76	\$415.89	\$216.28	*	\$11,153.60	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

4/3/2018

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$1,989.63	\$358.13	364.00	\$216.28	*	\$6,968	
50' Heavy	143,900 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,357.37	\$424.33	\$364.00	\$216.28	*	\$7,402	
55'	133,100 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,822.11	\$507.98	\$364.00	\$216.28	*	\$7,951	
55' Heavy	221,800 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,893.13	\$700.76	\$364.00	\$216.28	*	\$9,215	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	288,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,368.94	\$966.41	\$400.63	\$216.28	*	\$11,399	
75' Heavy	310,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,656.45	\$1,018.16	\$400.63	\$216.28	*	\$11,739	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	121.92	8.5	12	2499.36	290.21	64.64	186.94	191.88	1419.67	4652.7	
30'	5	121.92	8.5	12	2499.36	348.18	90.65	186.94	191.88	1419.67	4736.7	
35'	5	121.92	8.5	12	2499.36	405.88	107.44	186.94	191.88	1419.67	4811.2	
40'	5	121.92	8.5	13	2621.28	779	201.63	186.94	191.88	1483.3	5464	
45'	3	121.92	8.5	13	2621.28	812.71	243.81	186.94	191.88	1483.3	5539.9	
45'	2	121.92	8.5	13	2621.28	887.71	262.07	186.94	191.88	1483.3	5633.2	
50'	3	121.92	8.5	14	2743.2	988.23	280.32	186.94	191.88	1546.94	5937.51	
55'	2	121.92	8.5	14	2743.2	1208.23	325.04	186.94	191.88	1546.94	6202.23	
60'	2	121.92	8.5	14	2743.2	1379.24	377.13	186.94	191.88	1546.94	6425.33	
65'	2	121.92	8.5	14	2743.2	1345.6	393.83	186.94	191.88	1546.94	6408.39	
70'	2	121.92	8.5	14	2743.2	1938.79	567.45	186.94	191.88	1610.57	7238.83	
75'	2	121.92	8.5	14	2743.2	2269.5	664.25	186.94	191.88	1610.57	7666.34	
80'	2	121.92	8.5	16	2987.04	2478.49	718.4	186.94	191.88	1674.21	8236.96	
85'	2	121.92	8.5	16	2987.04	2753.54	798.13	186.94	191.88	1674.21	8591.74	
90'	2	121.92	8.5	16	2987.04	3071.43	890.27	186.94	191.88	1674.21	9001.77	
95'	2	121.92	8.5	16	2987.04	3722.12	1078.88	186.94	191.88	1674.21	9841.07	
100'	H1	121.92	8.5	16	2987.04	4198.61	1216.41	186.94	191.88	1674.21	10455.1	
110'	H1	121.92	8.5	16	2987.04	6751.72	1957.02	186.94	191.88	1674.21	13748.8	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

by:

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **Yvonne Johnson**

Call Back Telephone Number & Email: **818-898-2352, yvonne.johnson@cableeng.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/201**

NOTE: POLE PRICES FOR 75'-110' ARE NOT AVAILABLE.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$243.87	4.00	8.20	\$2,975.27	\$245.91	\$12.62	*	\$243.87	\$135.98	\$3,613.66	12
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$313.85	\$16.10	*	\$243.87	\$138.77	\$3,687.87	16
35'	3	\$243.87	4.00	8.20	\$2,975.27	\$490.09	\$25.14	*	\$243.87	\$146.01	\$3,880.39	1,958
40'	2	\$243.87	4.00	10.40	\$3,511.80	\$742.62	\$38.10	*	\$243.87	\$177.37	\$4,713.76	1,967
45'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,073.00	\$55.04	*	\$243.87	\$190.95	\$5,074.66	10,981
50'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,150.85	\$59.04	*	\$243.87	\$194.15	\$5,159.71	3,989
55'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,192.00	\$61.15	*	\$243.87	\$195.84	\$5,204.66	1,249
60'	1	\$243.87	4.00	10.40	\$3,511.80	\$1,753.90	\$89.98	*	\$243.87	\$218.94	\$5,818.49	619
65'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,283.01	\$117.12	*	\$243.87	\$261.67	\$6,954.00	706
70'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,566.48	\$131.66	*	\$243.87	\$273.32	\$7,263.66	777
75'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,825.28	\$144.94	*	\$243.87	\$283.96	\$7,546.38	799
80'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,162.47	\$162.23	*	\$243.87	\$300.20	\$7,978.07	625
85'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,476.91	\$178.37	*	\$243.87	\$313.13	\$8,321.58	344
90'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,208.89	\$215.92	*	\$243.87	\$370.87	\$9,856.08	96
95'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,293.86	\$220.28	*	\$243.87	\$374.36	\$9,948.90	44
100'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,668.62	\$239.50	*	\$243.87	\$389.77	\$10,358.29	15
110'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,946.37	\$253.75	*	\$243.87	\$401.19	\$10,661.71	2

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:
 December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719

jessica.nix@sce.com

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$870.57	\$44.66	*	\$243.87	\$161.65	\$4,296.03	0
35'	5	\$243.87	4.00	8.20	\$2,975.27	\$1,700.45	\$87.23	*	\$243.87	\$195.77	\$5,202.60	0
40'	5	\$243.87	4.00	10.40	\$3,511.80	\$1,956.80	\$100.38	*	\$243.87	\$227.28	\$6,040.13	1
45'	4	\$243.87	4.00	10.40	\$3,511.80	\$2,104.07	\$107.94	*	\$243.87	\$233.34	\$6,201.02	120
50'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,586.33	\$132.68	*	\$243.87	\$253.16	\$6,727.84	0
55'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,899.11	\$148.72	*	\$243.87	\$266.02	\$7,069.52	0
60'	2	\$243.87	4.00	10.40	\$3,511.80	\$5,774.82	\$296.25	*	\$243.87	\$384.23	\$10,210.97	0
65'	H1	\$243.87	4.00	12.60	\$4,048.32	\$5,387.38	\$276.37	*	\$243.87	\$389.28	\$10,345.23	0
70'	H3	\$243.87	4.00	12.60	\$4,048.32	\$5,392.13	\$276.62	*	\$243.87	\$389.47	\$10,350.42	0
75'	H3	\$243.87	4.00	12.60	\$4,048.32	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
80'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
85'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
90'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

Weighted Average

Individual Cost:

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$243.87	4.00	10.40	\$3,511.80	\$4,299.37	\$220.56	*	\$243.87	\$390.00	\$338.83	\$9,004.43
45'	0	\$243.87	4.00	10.40	\$3,511.80	\$4,635.61	\$237.81	*	\$243.87	\$390.00	\$352.65	\$9,371.74
50'	1	\$243.87	4.00	10.40	\$3,511.80	\$4,192.14	\$215.06	*	\$243.87	\$570.00	\$341.46	\$9,074.33
55'	1	\$243.87	5.00	10.40	\$3,755.67	\$4,391.88	\$225.30	*	\$243.87	\$570.00	\$359.20	\$9,545.93
60'	1	\$243.87	5.00	10.40	\$3,755.67	\$5,456.11	\$279.90	*	\$243.87	\$570.00	\$402.95	\$10,708.51
65'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,697.09	\$292.26	*	\$243.87	\$850.00	\$444.78	\$11,820.20
70'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,928.93	\$304.15	*	\$243.87	\$850.00	\$454.31	\$12,073.46
75'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,202.15	\$318.17	*	\$243.87	\$920.00	\$468.28	\$12,444.67
80'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,461.29	\$331.46	*	\$243.87	\$920.00	\$478.93	\$12,727.75
85'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,797.32	\$348.70	*	\$243.87	\$1,030.00	\$497.04	\$13,209.13
90'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,059.11	\$362.13	*	\$243.87	\$1,260.00	\$544.45	\$14,469.00
95'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,405.57	\$379.91	*	\$243.87	\$1,260.00	\$558.69	\$14,847.48
100'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,714.33	\$395.75	*	\$243.87	\$1,260.00	\$571.38	\$15,184.77
110'	1	\$243.87	5.00	15.50	\$4,999.43	\$9,160.30	\$469.92	*	\$243.87	\$1,260.00	\$630.82	\$16,764.35

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 February 15, 2018

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	4	75	8	11	1425	196	21	*	92	28	1,762	0
	5	75	8	11	1425	151	19	*	92	28	1,715	0
30'	3	75	8	11	1425	315	33	*	92	28	1,893	0
	4	75	8	11	1425	265	29	*	92	28	1,839	0
	5	75	8	11	1425	222	25	*	92	28	1,792	0
35'	2	75	8	11	1425	344	49	*	92	28	1,938	0
	3	75	8	11	1425	270	42	*	92	28	1,857	0
	4	75	8	11	1425	344	38	*	92	28	1,927	0
	5	75	8	11	1425	252	31	*	92	28	1,828	0
40'	2	75	8	11	1425	475	61	*	92	28	2,081	0
	3	75	8	11	1425	487	51	*	92	28	2,083	0
	4	75	8	11	1425	422	45	*	92	28	2,012	0
	5	75	8	11	1425	358	39	*	92	28	1,942	0
45'	3	75	8	11	1425	442	67	*	92	28	2,054	0
	4	75	8	11	1425	500	55	*	92	28	2,100	0
	5	75	8	11	1425	441	48	*	92	28	2,034	0
50'	3	75	8	14	1650	457	75	*	92	28	2,302	0
	4	75	8	14	1650	682	64	*	92	28	2,516	0
55'	1	75	8	14	1650	1011	100	*	92	28	2,881	0
	3	75	8	14	1650	612	88	*	92	28	2,470	0
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	0

	3	75	8	14	1650	1150	98	*	92	28	3,018	0
65'	2	75	8	14	1650	1100	141	*	92	28	3,011	0

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

Call Back Telephone Number & Email: **909-866-4678 EXT. 143**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	120.95	1	4	604.75	454.92	0	504.28	212.22	459.99	2236.16	
40'	1	120.95	1	4	604.75	762.89	0	504.28	212.22	459.99	2544.13	
45'	1	120.95	1	5	725.7	867.26	0	504.28	212.22	459.99	2769.45	
50'	1	120.95	1	8	1088.55	1035.34	0	504.28	212.22	459.99	3300.38	
50'	H2	120.95	1	8	1088.55	1398.32	0	504.28	212.22	459.99	3663.36	
55'	H3	120.95	1	8	1088.55	2083.37	0	504.28	212.22	459.99	4348.41	
60'	H2	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
65'	H4	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) 2/16/2018 Cost Included in Column #10

(****)

Please designate if you choose to publish your costs individually or be included in the weighted average

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

May 15, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:32 p.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Nix – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Chrys Champlin – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Bret Plaskey – Frontier Communications
Ms. Wendy Mueller - Extenet
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Shawn Henderson – T-Mobile
Ms. Yvonne Johnson - AT&T Mobility
Ms. Samantha Carrillo – Time Warner
Ms. Racheal Torres – Mobilitie
Ms. Linda McLean –
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Ms. Carmichael called the meeting to order at 12:32 p.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – The committee has decided to table this discussion for later in the year.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata informed the committee that the 2018 pole prices have been added to the Admin Board Discussion Calendar for consent.

Agenda Item 4 – Item 1653 – New Authorized Cost (AC) item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 AC (4/17/18) - The City of Burbank requested this item be added to the Agenda. The committee will revisit this item when a representative from Burbank is present.

Agenda Item 5 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Mr. Williams suggested moving a couple of meetings from Tuesday to Wednesday for the month of June 2018. The committee agreed it would be best to move Compliance and Computer to Wednesday, June 20th. This will allow the committee more time to review Authorized Costs. The goal is to review items 1-50 at the next meeting.

Agenda Item 6 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until item 5 is complete.

Agenda Item 7 - Miscellaneous/ New Item numbers – Ms. Carmichael opened the floor to any new items or concerns. There were none.

Agenda Item 8 - Review of Action Items:

- Notify the Admin Board that the Authorized Costs Committee will be reviewing the Authorized Costs Matrix at next month's meeting.

The ad hoc meeting adjourned at 12:46 p.m.

The next meeting is scheduled for June 19, 2018.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 3

35' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75*		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75*		N/A	174.64	2166	1	754	2166	TCA
SPR		70.00	6.00	12.00	1260.00	675.00	(**)	468.00	78.00	189.00	2670	1	675	2670	SPR
FON		70.00	6.00	12.00	1260.00	675.00	(**)	468.00	78.00	189.00	2670	1	675	2670	FON
NXT	4	237.38	2.00	6.00	1899.04	1652.00			147.13		3698	1	1652	3698	NXT
PBM		63.00	10.50	18.90	1852.20	756.00	**	*	*	*	2608	1	756	2608	PBM
											0	0	0	0	
	Salvage	878									TOTALS	15978	6	5267	15978
									Wgt Ave		2663			878	

2017	PROP.	%
PRICE	2018	CHG.
2675	2663	0

40' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44*		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44*		N/A	238.14	2887	1	981	2887	TCA
SPR		70.00	8.00	14.00	1540.00	850.00	(**)	572.00	78.00	231.00	3271	1	850	3271	SPR
FON		70.00	8.00	14.00	1540.00	850.00	(**)	572.00	78.00	231.00	3271	1	850	3271	FON
NXT	4	237.38	2.00	6.00	1899.04	1780.00			147.13		3826	1	1780	3826	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	27.30	2381.40	924.00	**	*	*	*	3305	1	924	3305	PBM
	Salvage	1109									TOTALS	23677	7	7766	23677
									Wgt Ave		3382			1109	

2017	PROP.	%
PRICE	2018	CHG.
2931	3382	15

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 3

45' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	F.O.B.									
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	SPR
FON		70.00	8.00	18.00	1820.00	900.00	(**)	676.00	78.00	273.00	3747	1	900	3747	FON
NXT	4	237.38	2.00	6.00	1899.04	1937.00			147.13		3983	1	1937	3983	NXT
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	3606	1	1092	3606	PBM
	Salvage	1220									TOTALS	21791	6	7323	21791
									Wgt Ave		3632			1220	

2017	PROP.	%
PRICE	2018	CHG.
3379	3632	7

50' POLE	LOADED		NO. OF HOURS		LOADED		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	F.O.B.									
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	TCA
SPR		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	SPR
FON		70.00	10.00	20.00	2100.00	1300.00	(**)	780.00	78.00	315.00	4573	1	1300	4573	FON
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	4171	1	1260	4171	PBM
	Salvage	1315									TOTALS	21351	5	6573	21351
									Wgt Ave		4270			1315	

2017	PROP.	%
PRICE	2018	CHG.
3833	4270	11

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 3

55' POLE		LOADED	NO. OF HOURS			LOADED			ENG	Gen			NO. OF	F.O.B.	TOTAL
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09*		N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09*		N/A	448.20	4362	1	1520	4362	TCA
SPR		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	SPR
FON		70.00	10.00	26.00	2520.00	1680.00 (**)		936.00	78.00	378.00	5592	1	1680	5592	FON
PBM		63.00	10.50	39.90	3175.20	1443.75	**	*	*	*	4619	1	1444	4619	PBM
	Salvage	1569													
										TOTALS	24526	5	7844	24526	
									Wgt Ave		4905		1569		

2017	PROP.	%
PRICE	2018	CHG.
4406	4905	11

60' POLE		LOADED	NO. OF HOURS			LOADED			ENG	Gen			NO. OF	F.O.B.	TOTAL
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45*		N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45*		N/A	396.90	4893	1	1693	4893	TCA
SPR		70.00	10.00	30.00	2800.00	2400.00 (**)		1340.00	78.00	420.00	7038	1	2400	7038	SPR
FON		70.00	10.00	30.00	2800.00	2400.00 (**)		1340.00	78.00	420.00	7038	1	2400	7038	FON
	Salvage	2047													
										TOTALS	23861	4	8187	23861	
									Wgt Ave		5965		2047		

2017	PROP.	%
PRICE	2018	CHG.
5315	5965	12

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2018 - DRAFT 3

85° POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0	0	0
	2017	PROP.	%							Wgt Ave	#DIV/0!			
	PRICE	2018	CHG.											
	13411	#DIV/0!	#DIV/0!	NO PRICE										

SPR
FON

90° POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0	0	0
	2017	PROP.	%							Wgt Ave	#DIV/0!			
	PRICE	2018	CHG.											
	15408	#DIV/0!	#DIV/0!	NO PRICE										

SPR
FON

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2018 - DRAFT 3

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0	0	0
										Wgt Ave		#DIV/0!		

2017	PROP.	%
PRICE	2018	CHG.
17806	#DIV/0!	#DIV/0!

NO PRICE

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0	0	0
										Wgt Ave		#DIV/0!		

2017	PROP.	%
PRICE	2018	CHG.
21072	#DIV/0!	#DIV/0!

NO PRICE

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:

SCJPC Member Utility submitting: **Pasadena Water and Power**

Person completing worksheet: **Joe Armstrong**

Call Back Telephone Number & Email: **626-744-3705 / jarmstrong@cityofpasadena.net**

Weighted Average Individual Costs Submitted 04/24/2018 by J.A.

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	121.92	3	8	1341.12	290.21	64.64	186.94	191.88	1419.67	3494.46	
30'	5	121.92	3	8	1341.12	348.18	90.65	186.94	191.88	1419.67	3578.44	
35'	5	121.92	3	8	1341.12	405.88	107.44	186.94	191.88	1419.67	3652.93	
40'	5	121.92	3	8	1341.12	779	201.63	186.94	191.88	1483.3	4183.87	
45'	3	121.92	3	8	1341.12	812.71	243.81	186.94	191.88	1483.3	4259.76	
45'	2	121.92	3	10	1584.96	887.71	262.07	186.94	191.88	1483.3	4596.86	
50'	3	121.92	3	10	1584.96	988.23	280.32	186.94	191.88	1546.94	4779.27	
55'	2	121.92	3	10	1584.96	1208.23	325.04	186.94	191.88	1546.94	5043.99	
60'	2	121.92	3	10	1584.96	1379.24	377.13	186.94	191.88	1546.94	5267.09	
65'	2	121.92	3	12	1828.8	1345.6	393.83	186.94	191.88	1546.94	5493.99	
70'	2	121.92	3	12	1828.8	1938.79	567.45	186.94	191.88	1610.57	6324.43	
75'	2	121.92	3	12	1828.8	2269.5	664.25	186.94	191.88	1610.57	6751.94	
80'	2	121.92	3	14	2072.64	2478.49	718.4	186.94	191.88	1674.21	7322.56	
85'	2	121.92	3	14	2072.64	2753.54	798.13	186.94	191.88	1674.21	7677.34	
90'	2	121.92	3	14	2072.64	3071.43	890.27	186.94	191.88	1674.21	8087.37	
95'	2	121.92	3	14	2072.64	3722.12	1078.88	186.94	191.88	1674.21	8926.67	
100'	H1	121.92	3	14	2072.64	4198.61	1216.41	186.94	191.88	1674.21	9540.69	
110'	H1	121.92	3	14	2072.64	6751.72	1957.02	186.94	191.88	1674.21	12834.4	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **Yvonne Johnson**

Call Back Telephone Number & Email: **818-898-2352, yvonne.johnson@cableeng.com**

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	IGNORE ROW

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/201**

NOTE: POLE PRICES FOR 75'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **City of Vernon**

Person completing worksheet: **BASEM ANDRAWOS**

Call Back Telephone Number & Email: **(323) 583-8811 ext :277**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
35'	2	96.63	1	4	483.15	460.00	46.00	455.00	230.00	115.00	1,789.15	
40'	2	96.63	1	4	483.15	480.00	48.00	455.00	230.00	115.00	1,811.15	
40'	1	96.63	1	4	483.15	610.00	61.00	455.00	230.00	115.00	1,954.15	
45'	1	96.63	1	5	579.78	790.00	79.00	455.00	230.00	115.00	2,248.78	
45'	H4	96.63	1	5	579.78	1,460.00	146.00	455.00	230.00	115.00	2,985.78	
50'	1	96.63	1	8	869.67	980.00	98.00	455.00	230.00	115.00	2,747.67	
50'	H2	96.63	1	8	869.67	1,560.00	156.00	455.00	230.00	115.00	3,385.67	
50'	H5	96.63	1	8	869.67	1,840.00	184.00	455.00	230.00	115.00	3,693.67	
55'	1	96.63	1	8	833.22	1,050.00	105.00	455.00	230.00	115.00	2,788.22	
55'	H2	96.63	1	8	869.67	1,600.00	160.00	455.00	230.00	115.00	3,429.67	
60'	1	96.63	1	8	869.67	1,500.00	150.00	610.00	230.00	115.00	3,474.67	
60'	H2	96.63	1	8	869.67	2,020.00	202.00	610.00	230.00	115.00	4,046.67	
60'	H5	96.63	1	8	869.67	2,370.00	237.00	610.00	230.00	115.00	4,431.67	
65'	2	96.63	1	8.5	917.99	1,690.00	169.00	610.00	230.00	115.00	3,731.99	
65'	1	96.63	1	8.5	917.99	1,710.00	171.00	610.00	230.00	115.00	3,753.99	
65'	H2	96.63	1	8.5	917.99	1,920.00	192.00	610.00	230.00	115.00	3,984.99	
70'	2	96.63	1	9	966.30	1,740.00	174.00	610.00	230.00	115.00	3,835.30	
70'	1	96.63	1	9	966.30	1,830.00	183.00	610.00	230.00	115.00	3,934.30	
70'	H2	96.63	1	9	966.30	2,240.00	224.00	610.00	230.00	115.00	4,385.30	
70'	H5	96.63	1	9	966.30	3,130.00	313.00	610.00	230.00	115.00	5,364.30	
75'	1	96.63	1.25	9	990.46	1,890.00	189.00	782.00	230.00	115.00	4,196.46	
75'	H2	96.63	1.25	9	990.46	2,340.00	234.00	782.00	230.00	115.00	4,691.46	
80'	1	96.63	1.25	9	990.46	2,980.00	298.00	782.00	230.00	115.00	5,395.46	
80'	H2	96.63	1.25	9	990.46	3,070.00	307.00	782.00	230.00	115.00	5,494.46	
85'	1	96.63	1.25	10	1,087.09	3,020.00	302.00	782.00	230.00	115.00	5,536.09	

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **AT&T California**

Person completing worksheet: **M. Carmichael**

Call Back Telephone Number & Email: **(626) 578-3677 mn2861@att.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		130	2	9	1430	149	15	500	149	286	2529	
30'		130	2	9	1430	184	18	500	149	286	2567	
35'		130	2	12	1820	228	23	500	149	364	3084	
40'		130	2	12	1820	340	34	500	149	364	3207	
45'		130	2	12	1820	415	42	500	149	364	3290	
50'		130	2	12	1820	542	54	500	149	364	3429	
55'		130	2	15	2210	682	68	600	149	442	4151	
60'		130	2	15	2210	787	79	600	149	442	4267	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

Call Back Telephone Number & Email: **(818)238-3639** **aarraj@burbankca.gov**

***** Weighted Average Individual Costs (First year)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2017

SCJPC Member Utility submitting: **City of Lompoc**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

***** Weighted Average Individual Costs *****

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	169.41	4	16.65	\$3,498.32	\$375.47	\$67.58	\$315.16	\$216.28	*	\$4,473	
40'	3	169.41	4	16.65	\$3,498.32	\$457.93	\$82.43	\$315.16	\$216.28	*	\$4,570	
45'	2	169.41	4	16.65	\$3,498.32	\$621.97	\$111.95	\$315.16	\$216.28	*	\$4,764	
50'	2	169.41	4	16.65	\$3,498.32	\$721.10	\$129.80	\$315.16	\$216.28	*	\$4,881	
50'	H3	169.41	4	16.65	\$3,498.32	\$1,416.77	\$255.02	\$315.16	\$216.28	*	\$5,702	
55'	2	169.41	4	16.65	\$3,498.32	\$845.67	\$152.22	\$315.16	\$216.28	*	\$5,028	
55'	H3	169.41	4	16.65	\$3,498.32	\$1,677.31	\$301.92	\$315.16	\$216.28	*	\$6,009	
60'	2	169.41	4	16.65	\$3,498.32	\$979.89	\$176.38	\$315.16	\$216.28	*	\$5,186	
65'	2	169.41	4	19.85	\$4,040.43	\$1,159.73	\$208.75	\$364.00	\$216.28	*	\$5,989	
70'	2	169.41	4	19.85	\$4,040.43	\$1,274.65	\$229.44	\$364.00	\$216.28	*	\$6,125	
70'	H3	169.41	4	19.85	\$4,040.43	\$2,465.09	\$443.72	\$364.00	\$216.28	*	\$7,530	
75'	2	169.41	4	19.85	\$4,040.43	\$1,494.84	\$269.07	\$364.00	\$216.28	*	\$6,385	
80'	2	169.41	4	19.85	\$4,040.43	\$1,710.65	\$307.92	\$364.00	\$216.28	*	\$6,639	
85'	2	169.41	4	19.85	\$4,040.43	\$1,922.07	\$345.97	\$364.00	\$216.28	*	\$6,889	
90'	2	169.41	4	19.85	\$4,040.43	\$2,259.81	\$406.77	\$364.00	\$216.28	*	\$7,287	
95'	2	169.41	4	19.85	\$4,040.43	\$2,549.30	\$458.87	\$364.00	\$216.28	*	\$7,629	
100'	2	169.41	4	19.85	\$4,040.43	\$2,901.96	\$522.35	\$364.00	\$216.28	*	\$8,045	

110'	1	169.41	4	19.85	\$4,040.43	\$4,380.14	\$788.43	\$364.00	\$216.28	*	\$9,789	
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NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	115,000 ft-lbs	\$169.41	4	16.65	\$2,717.57	\$1,315.91	\$236.86	\$315.16	\$216.28	*	\$4,802	
45'	115,000 ft-lbs	\$169.41	4	16.65	\$2,846.47	\$1,492.01	\$268.56	\$315.16	\$216.28	*	\$5,138	
50'	115,000 ft-lbs	\$169.41	4	16.65	\$2,953.89	\$1,890.09	\$340.22	\$315.16	\$216.28	*	\$5,716	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 4/3/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass MULTI PIECES (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,717.57	\$489.16	\$315.16	\$216.28	*	\$7,236	
45'	97,5000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,846.47	\$512.36	\$315.16	\$216.28	*	\$7,389	
50'	101,300 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$2,953.89	\$531.70	\$315.16	\$216.28	*	\$7,515	
55'	136,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,061.30	\$551.03	\$315.16	\$216.28	*	\$7,642	
60'	150,000 ft-lbs	\$169.41	4	16.65	\$3,498.32	\$3,211.68	\$578.10	\$315.16	\$216.28	*	\$7,820	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the

Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	23000 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,087.91	\$375.82	\$356.08	\$216.28	*	\$7,077	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,00 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,232.27	\$401.81	\$364.00	\$216.28	*	\$7,255	
55'	18930 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,880.83	\$518.55	\$364.00	\$216.28	*	\$8,020	
60'	20800 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,282.06	\$590.77	\$364.00	\$216.28	*	\$8,494	
65'	22670 0 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,441.28	\$619.43	\$364.00	\$216.28	*	\$8,681	
70'	24500 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$3,690.73	\$664.33	\$441.83	\$216.28	*	\$9,918	
70' Heavy	31860 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,211.92	\$758.15	\$441.83	\$216.28	*	\$10,533	
75'	264,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,233.14	\$761.97	\$441.83	\$216.28	*	\$10,558	
75' Heavy	343,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,699.12	\$845.84	\$441.83	\$216.28	*	\$11,107	
80'	282,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,352.03	\$783.37	\$441.83	\$216.28	*	\$10,698	
80' Heavy	367,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,992.10	\$898.58	\$441.83	\$216.28	*	\$11,453	
85'	301,60 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,643.93	\$835.91	\$441.83	\$216.28	*	\$11,042	
90'	320,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$4,936.90	\$888.64	\$441.83	\$216.28	*	\$11,388	
100'	357,80 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$5,845.51	\$1,052.19	\$441.83	\$216.28	*	\$12,460	
110'	395,00 0 ft-lbs	\$169.41	4	24.95	\$4,904.42	\$6,917.60	\$1,245.17	\$441.83	\$216.28	*	\$13,725	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **[]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$169.41	4	19.85	\$4,040.43	\$4,750.00	\$855.00	\$364.00	\$216.28	*	\$10,225.71	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$169.41	4	22.15	\$4,430.07	\$4,634.20	\$834.16	\$399.10	\$216.28	*	\$10,513.81	
55'		0	0	0	0						\$0.00	
60'	H-1	\$169.41	4	22.65	\$4,514.78	\$4,859.24	\$874.66	\$406.73	\$216.28	*	\$10,871.69	
65'												
70'	H-4	\$169.41	4	23.25	\$4,616.42	\$5,004.24	\$900.76	\$415.89	\$216.28	*	\$11,153.60	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 January 01, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

Call Back Telephone Number & Email: **213-367-2745 Ronald.Schram@ladwp.com**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$1,989.63	\$358.13	364.00	\$216.28	*	\$6,968	
50' Heavy	143,900 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,357.37	\$424.33	\$364.00	\$216.28	*	\$7,402	
55'	133,100 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$2,822.11	\$507.98	\$364.00	\$216.28	*	\$7,951	
55' Heavy	221,800 ft-lbs	\$169.41	4	19.85	\$4,040.43	\$3,893.13	\$700.76	\$364.00	\$216.28	*	\$9,215	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	288,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,368.94	\$966.41	\$400.63	\$216.28	*	\$11,399	
75' Heavy	310,000 ft-lbs	\$169.41	4	22.25	\$4,447.01	\$5,656.45	\$1,018.16	\$400.63	\$216.28	*	\$11,739	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$243.87	4.00	8.20	\$2,975.27	\$245.91	\$12.62	*	\$243.87	\$135.98	\$3,613.66	12
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$313.85	\$16.10	*	\$243.87	\$138.77	\$3,687.87	16
35'	3	\$243.87	4.00	8.20	\$2,975.27	\$490.09	\$25.14	*	\$243.87	\$146.01	\$3,880.39	1,958
40'	2	\$243.87	4.00	10.40	\$3,511.80	\$742.62	\$38.10	*	\$243.87	\$177.37	\$4,713.76	1,967
45'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,073.00	\$55.04	*	\$243.87	\$190.95	\$5,074.66	10,981
50'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,150.85	\$59.04	*	\$243.87	\$194.15	\$5,159.71	3,989
55'	2	\$243.87	4.00	10.40	\$3,511.80	\$1,192.00	\$61.15	*	\$243.87	\$195.84	\$5,204.66	1,249
60'	1	\$243.87	4.00	10.40	\$3,511.80	\$1,753.90	\$89.98	*	\$243.87	\$218.94	\$5,818.49	619
65'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,283.01	\$117.12	*	\$243.87	\$261.67	\$6,954.00	706
70'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,566.48	\$131.66	*	\$243.87	\$273.32	\$7,263.66	777
75'	1	\$243.87	4.00	12.60	\$4,048.32	\$2,825.28	\$144.94	*	\$243.87	\$283.96	\$7,546.38	799
80'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,162.47	\$162.23	*	\$243.87	\$300.20	\$7,978.07	625
85'	1	\$243.87	4.25	12.60	\$4,109.29	\$3,476.91	\$178.37	*	\$243.87	\$313.13	\$8,321.58	344
90'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,208.89	\$215.92	*	\$243.87	\$370.87	\$9,856.08	96
95'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,293.86	\$220.28	*	\$243.87	\$374.36	\$9,948.90	44
100'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,668.62	\$239.50	*	\$243.87	\$389.77	\$10,358.29	15
110'	1	\$243.87	4.25	15.50	\$4,816.53	\$4,946.37	\$253.75	*	\$243.87	\$401.19	\$10,661.71	2

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:
 December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719

jessica.nix@sce.com

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$243.87	4.00	8.20	\$2,975.27	\$870.57	\$44.66	*	\$243.87	\$161.65	\$4,296.03	0
35'	5	\$243.87	4.00	8.20	\$2,975.27	\$1,700.45	\$87.23	*	\$243.87	\$195.77	\$5,202.60	0
40'	5	\$243.87	4.00	10.40	\$3,511.80	\$1,956.80	\$100.38	*	\$243.87	\$227.28	\$6,040.13	1
45'	4	\$243.87	4.00	10.40	\$3,511.80	\$2,104.07	\$107.94	*	\$243.87	\$233.34	\$6,201.02	120
50'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,586.33	\$132.68	*	\$243.87	\$253.16	\$6,727.84	0
55'	3	\$243.87	4.00	10.40	\$3,511.80	\$2,899.11	\$148.72	*	\$243.87	\$266.02	\$7,069.52	0
60'	2	\$243.87	4.00	10.40	\$3,511.80	\$5,774.82	\$296.25	*	\$243.87	\$384.23	\$10,210.97	0
65'	H1	\$243.87	4.00	12.60	\$4,048.32	\$5,387.38	\$276.37	*	\$243.87	\$389.28	\$10,345.23	0
70'	H3	\$243.87	4.00	12.60	\$4,048.32	\$5,392.13	\$276.62	*	\$243.87	\$389.47	\$10,350.42	0
75'	H3	\$243.87	4.00	12.60	\$4,048.32	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
80'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
85'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
90'	H3	\$243.87	4.00	14.80	\$4,584.85	N/A	N/A	*	\$243.87	N/A	N/A	IGNORE ROW
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:
December 15, 2017

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Jessica Nix

Call Back Telephone Number & Email

909-278-9719 jessica.nix@sce.com

Weighted Average

Individual Cost:

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$243.87	4.00	10.40	\$3,511.80	\$4,299.37	\$220.56	*	\$243.87	\$390.00	\$338.83	\$9,004.43
45'	0	\$243.87	4.00	10.40	\$3,511.80	\$4,635.61	\$237.81	*	\$243.87	\$390.00	\$352.65	\$9,371.74
50'	1	\$243.87	4.00	10.40	\$3,511.80	\$4,192.14	\$215.06	*	\$243.87	\$570.00	\$341.46	\$9,074.33
55'	1	\$243.87	5.00	10.40	\$3,755.67	\$4,391.88	\$225.30	*	\$243.87	\$570.00	\$359.20	\$9,545.93
60'	1	\$243.87	5.00	10.40	\$3,755.67	\$5,456.11	\$279.90	*	\$243.87	\$570.00	\$402.95	\$10,708.51
65'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,697.09	\$292.26	*	\$243.87	\$850.00	\$444.78	\$11,820.20
70'	1	\$243.87	5.00	12.60	\$4,292.20	\$5,928.93	\$304.15	*	\$243.87	\$850.00	\$454.31	\$12,073.46
75'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,202.15	\$318.17	*	\$243.87	\$920.00	\$468.28	\$12,444.67
80'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,461.29	\$331.46	*	\$243.87	\$920.00	\$478.93	\$12,727.75
85'	1	\$243.87	5.00	12.60	\$4,292.20	\$6,797.32	\$348.70	*	\$243.87	\$1,030.00	\$497.04	\$13,209.13
90'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,059.11	\$362.13	*	\$243.87	\$1,260.00	\$544.45	\$14,469.00
95'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,405.57	\$379.91	*	\$243.87	\$1,260.00	\$558.69	\$14,847.48
100'	1	\$243.87	5.00	15.50	\$4,999.43	\$7,714.33	\$395.75	*	\$243.87	\$1,260.00	\$571.38	\$15,184.77
110'	1	\$243.87	5.00	15.50	\$4,999.43	\$9,160.30	\$469.92	*	\$243.87	\$1,260.00	\$630.82	\$16,764.35

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10
- (****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 February 15, 2018

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	4	75	8	11	1425	196	21	*	92	28	1,762	0
	5	75	8	11	1425	151	19	*	92	28	1,715	0
30'	3	75	8	11	1425	315	33	*	92	28	1,893	0
	4	75	8	11	1425	265	29	*	92	28	1,839	0
	5	75	8	11	1425	222	25	*	92	28	1,792	0
35'	2	75	8	11	1425	344	49	*	92	28	1,938	0
	3	75	8	11	1425	270	42	*	92	28	1,857	0
	4	75	8	11	1425	344	38	*	92	28	1,927	0
	5	75	8	11	1425	252	31	*	92	28	1,828	0
40'	2	75	8	11	1425	475	61	*	92	28	2,081	0
	3	75	8	11	1425	487	51	*	92	28	2,083	0
	4	75	8	11	1425	422	45	*	92	28	2,012	0
	5	75	8	11	1425	358	39	*	92	28	1,942	0
45'	3	75	8	11	1425	442	67	*	92	28	2,054	0
	4	75	8	11	1425	500	55	*	92	28	2,100	0
	5	75	8	11	1425	441	48	*	92	28	2,034	0
50'	3	75	8	14	1650	457	75	*	92	28	2,302	0
	4	75	8	14	1650	682	64	*	92	28	2,516	0
55'	1	75	8	14	1650	1011	100	*	92	28	2,881	0
	3	75	8	14	1650	612	88	*	92	28	2,470	0
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	0

	3	75	8	14	1650	1150	98	*	92	28	3,018	0
65'	2	75	8	14	1650	1100	141	*	92	28	3,011	0

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
December 31, 2017

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

Call Back Telephone Number & Email: **909-866-4678 EXT. 143**

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	120.95	1	4	604.75	454.92	0	504.28	212.22	459.99	2236.16	
40'	1	120.95	1	4	604.75	762.89	0	504.28	212.22	459.99	2544.13	
45'	1	120.95	1	5	725.7	867.26	0	504.28	212.22	459.99	2769.45	
50'	1	120.95	1	8	1088.55	1035.34	0	504.28	212.22	459.99	3300.38	
50'	H2	120.95	1	8	1088.55	1398.32	0	504.28	212.22	459.99	3663.36	
55'	H3	120.95	1	8	1088.55	2083.37	0	504.28	212.22	459.99	4348.41	
60'	H2	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
65'	H4	120.95	1	8	1088.55	2057.78	0	575.72	212.22	459.99	4394.26	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) 2/16/2018 Cost Included in Column #10

(****)

Please designate if you choose to publish your costs individually or be included in the weighted average

(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power/Comm/Both P/C	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
1-Trenching/Moving 30'-35' WITH supply	Power									
1-Trenching/Moving 40'-45' WITH supply	Power									
1-Trenching/Moving 50'-55' WITH supply	Power									
1-Trenching/Moving 60'-65' WITH supply	Power									
1-Trenching/Moving 70'-75' WITH supply	Power									
1-Trenching/Moving 80'-85' WITH supply	Power									
1-Trenching/Moving 90'-95' WITH supply	Power									
1-Trenching/Moving 100' WITH supply	Power									
2-Trenching/Moving 30'-35' WITHOUT supply	Communication									
2-Trenching/Moving 40'-45' WITHOUT supply	Communication									
2-Trenching/Moving 50'-55' WITHOUT supply	Communication									
3- Lowering/Raising to Grade (one operation) 30'-35'	Both									
3- Lowering/Raising to Grade (one operation) 40'-45'	Both									
3- Lowering/Raising to Grade (one operation) 50'-55'	Both									
3- Lowering/Raising to Grade (one operation) 60'-65'	Both									
3- Lowering/Raising to Grade (one operation) 70'-75'	Both									
3- Lowering/Raising to Grade (one operation) 80'-85'	Both									
3- Lowering/Raising to Grade 90'-95'	Both									
3- Lowering/Raising to Grade (one operation) 100'	Both									
4- Straightening in Earth 30'-35'	Both									
4- Straightening in Earth 40'-45'	Both									
4- Straightening in Earth 50'-55'	Both									
4- Straightening in Earth 60'-65'	Both									
4- Straightening in Earth 70'-75'	Both									
4- Straightening in Earth 80'-85'	Both									
4- Straightening in Earth 90'-95'	Both									
4- Straightening in Earth 100'	Both									
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both									
5-B Removing From Service-Transporting	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-C Removing From Service-Topping (based on topping and lowering)	Both									
5-D Removing From Service-Disposal	Both									
5-E Lowering	Both									
5-F Removal of steel truss (any size) Added 03/18/14	Both									
6-A Pole Stubbing 8 Ft metal truss	Power									
6-B Pole Stubbing 10-11 Ft metal truss	Power									
6-C Pole Stubbing 11 Ft metal truss	Power									
6-D Pole Stubbing 12 Ft metal truss	Power									
6-E Pole Stubbing 13 Ft metal truss	Power									
6-F Pole Stubbing 14 Ft metal truss	Power									
6-G Pole Stubbing 15.5 Ft metal truss	Power									
6-H Add'l metal trusses (all sizes)	Power									
6-I Inaccessible to stubbing equipment	Power									
6-J ET (Extended) Truss	Power									
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both									
8-B Semi Cir. Pole Guards - Transferring	Both									
9 Hand Dig/Hand Removal	Both									
9A Hand Dig/Hand Removal										
9B Hand Dig/Hand Removal										
9C Hand Dig/Hand Removal										
10 Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:										
10-A Cement break and temporary repair	Both									
10-B Asphalt break & repair	Both									
10-C Cement saw cut brk&repair-based on 25 square feet	Both									
10-D Cement saw cut brk&rpr-based on 50 square feet	Both									
10-E ADA accessible ramp	Both									
11-Joint Rights of Way-by special agreement										
12-A-Resrvd for future use										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
12-B Pole Inspect/Treat-Partial Dig	Power									
12-C Pole Inspect/Treat-Sound&Bore	Power									
12-D Pole Inspect/Treat-Full Treatment	Power									
12-E Pole Inspect/Treat-Reject	Power									
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power									
13-A Pole/anchor Access Obstruct-Clearing in SRA	Both									
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/replacement of a pole	Both									
13-C Pole/anchor Access Obstruct- All other Special agreement										
13-D Traffic Control (see below) (Added 04/15/2014)	Both									
13D Traffic Control (1) Hourly rate for traffic control setup cones, signs, etc	Both									
13D Traffic Control (2) Hourly rate for flaggers	Both									
13D (3) Traffic control design per page, site specific.	Both									
13E Helicopter Cost	Both									
13F Crane Cost	Both									
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both									
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both									
15-A Pole Marking-Tagging	Both									
15-B Pole Marking-Visibility Strips	Both									
16-A Backhoe 2/hr minimum	Both									
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both									
17 - Wood Pole Fiberglass wrap restoration:										
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power									
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power									
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power									
18-A ModPole Material & Installation 9'	Power									
18-B ModPole Material & Installation 14'	Power									
18-C ModPole Material & Installation 18'	Power									
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both									
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both									
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both									
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both									
20-C Insulator relocation	Both									
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - B 0-7.5 kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (no splicing)	Power									
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - E 0-7.5kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - F 7.6-15kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - G 7.6-15kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - J 16-34kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - K 16-34kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - M 16-34kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - N 16-34kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - O 66-115kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - P 66-115kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (no splicing)	Power									
21 - Q 66-115kv steel arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
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:										
22-A 0-750 volt secondary	Power									
22-B 750-7,500 volt primary	Power									
22-C 7.6-115kv - 1 or 2 strain insulators	Power									
22-D 7.6-115kv - 3 or 4 strain insulators	Power									
22-E 7.6-115kv - 5 or 6 strain insulators	Power									
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost										
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)										
23-A Flat to vertical 7.5-115kv single arm per pole	Power									
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power									
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power									
23-B Flat to vertical 7.5-115kv double arm per pole	Power									
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power									
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power									
prices.										
24 - A Bonding Per Pole: Single circuit-all voltages	Power									
24 - B Bonding Per Pole: Double circuit-all voltages	Power									
25 - Ground Wire, Incl. protective covering	Power									
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
27 - A Racks & brackets-secondary/3-4 wire to pole	Power									
Plus Conductor ea.	Power									
27 - B Bracket, Triplex	Power									
Plus Triplex conductor	Power									
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 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power									
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power									
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power									
29- A Transformers 1-1/2 to 25 KVA each	Power									
29- B Transformers 30 to 167 KVA each	Power									
29- C Mounting Brackets, two transformers	Power									
NOTE: 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.										
30-A Capacitors/capacitor bank switched	Power									
30-B Capacitors/capacitor bank non-switched	Power									
31-A Street Lights Ctr Susp type-span end	Power									
31-B Street Lights Ctr Susp type-Feed end	Power									
31-C Street Lights Gooseneck or brket type open wire	Power									
31-D Street Lights Gooseneck or brket type Conduit on pole	Power									
31-E Street Lights Mast arm type	Power									
31-F Street Lights Pole top pin and insulator-single	Power									
31-G Street Lights Pole top pin and insulator-Double	Power									
32 Meter of Time Switch Control Box (Price by field agreement)										
33-A Support single insulator fiberglass	Power									
33-B Support Double insulator fiberglass	Power									
33-C Support Triple insulator fiberglass	Power									
33-D Support Pole Top insulator fiberglass	Power									
34 Support, single deadend fiberglass	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
35-A	Insulator mounting brkets-single(ver-Hort) Power									
35-B	Insulator mounting brkets-Double(vertical) Power									
35-C	Insulator mounting brkets-Single, over 40KV Power									
36-A	Steel crossarm,Squirrel cage brkt inc. insulator-single Power									
36-B	Steel crossarm,Squirrel cage brkt inc. insulator-Double Power									
37-	Double circuit side mount insulators-Dreyfuss sunburst Power									
38-	Insulator assembly bracket for endarm mountings Power									
NOTE: Refer to Item 21 for conductor cost										
39 -	Stand-off brackets for jointly used risers Power									
40 -	Transferring risers Power									
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										
74-	Semi-circular cable guard ("U" guard): transferring Communication									
75-A	Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single Communication									
75-B	Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double Communication									
78-A	Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit Communication									
78-B	Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook Communication									
79-	Mult. Dist. Service Wire on line pole Communication									
81-A	"C" Rual wire (1 Pr)-In line pole ea. Pair Communication									
81-B	"C" Rual wire (1 Pr)-On deadend pole ea. Pair. Communication									
82-A	Cable arm w/ 1 cable, trans, raise, lower - Single wood arm Communication									
82-B	Cable arm w/ 1 cable, trans, raise, lower - Double wood arm Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
82-C	Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication								
82-D	Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication								
NOTE: The above prices do not include cable terminals.										
83-A	Cable attached direct to pole (complete)	Communication								
83-B	Cable attached (additional work required)	Communication								
84-A	Messenger reinforcing units-Strap each	Communication								
84-B	Messenger reinforcing units-Link each	Communication								
85-A	Messenger without cable-trans,raising, lower-single wood arm	Communication								
85-B	Messenger without cable-trans,raising, lower-Double wood arm	Communication								
85-C	Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication								
85-D	Messenger without cable-trans,raising, lower-Extension arm	Communication								
86	Messenger dead end, all sizes-w or w/o cable	Communication								
87-A	Cable Terminal transfer-Dist. Cable term.	Communication								
87-B	Cable Terminal transfer-Feeder Dist. Interface	Communication								
87-C	Cable Terminal transfer-Pole seat or balcony	Communication								
88	Mult. Dist. Wire term. Transfer	Communication								
89-A	Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication								
89-B	Cable terminal replacement Ready Access 24 pair or less	Communication								
89-C	Cable terminal replacement- Ready Access 24-50 pair	Communication								
distribution stub, add the following to cost above;										
89-D	Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication								

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
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-A	Cable Splicing/per splice/per pair=18 pr	Communication								
91-B	Cable Splicing/per splice/per pair=25 pr	Communication								
91-C	Cable Splicing/per splice/per pair=50 pr	Communication								
91-D	Cable Splicing/per splice/per pair=100 pr	Communication								
91-E	Cable Splicing/per splice/per pair=200 pr	Communication								
91-F	Cable Splicing/per splice/per pair=300 pr	Communication								
91-G	Cable Splicing/per splice/per pair=400 pr	Communication								
91-H	Cable Splicing/per splice/per pair=600 pr	Communication								
91-I	Cable Splicing/per splice/per pair=700 pr	Communication								
91-J	Cable Splicing/per splice/per pair=800 pr	Communication								
91-K	Cable Splicing/per splice/per pair=900 pr	Communication								
91-L	Cable Splicing/per splice/per pair=1200 pr	Communication								
<p>Note: 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.</p>										
92	Cable risers, incl pipe and molding ea.	Communication								
<p>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. (Sec 1.2 by special agreement)</p>										
94-A-1	Fiber Optic Splicing/testing Fusion-24 strand	Communication								
94-A-2	Fiber Optic Splicing/testing Fusion-48 strand	Communication								
94-A-3	Fiber Optic Splicing/testing Fusion-60 strand	Communication								
94-A-4	Fiber Optic Splicing/testing Fusion-72 strand	Communication								
94-A-5	Fiber Optic Splicing/testing Fusion-96 strand	Communication								

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
94-A-6	Fiber Optic Splicing/testing Fusion-144 strand Communication									
94-A-7	Fiber Optic Splicing/testing Fusion-288 strand Communication									
94-A-8 Any size above and beyond by special agreement Section 1.2										
97-	Transfer meter curcuit breaker box/disconnect box Communication									
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.										
110 - A	Guy wire complete Make-up-overhead, span, or arm guy Both									
110 - B	Guy wire complete Make-up-Anchor guy Both									
110 - C	Guy wire comp. Make-up-Cutting-in insulator in exist guy Both									
110 - D	Guy wire comp. Make-up-Attaching span guy to interset pole Both									
110 - E	Guy wire comp. Make-up-Guy guards Both									
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 - A	Anchors-expanding plate(handDig) Both									
111 - B	Anchors-expanding plate(Truch access) Both									
111 - C	Anchors-PISA screw anchor Both									
111 - D	Anchors-Hydraulically driven (mantaray) Both									
111 - E	Anchors-Concreting an anchor Both									
111 - F	Anchors-Sale of abondoned anchor to another utility-all sizes Both									
111 - G	Anchors-Existing anchor purchase (Rear property) Both									
111 - H	Anchors-Existing Anchor Purchase (street/alley) Both									
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 - A	Sidewalk anchor fittings-2" pipe brace & fittings Both									
112 - B	Sidewalk anchor fittings-2 1/2" pipe brace & fittings Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both									
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility- all sizes	Both									
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 - A Heel/toe bracing pole-with treated wood blks, new pole	Both									
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both									
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both									
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both									
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both									
116 - B Breast blocking only, new or existing pole-w/concrete block	Both									
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both									
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).										
Installation Costs - Power Circuits										
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)										
120 - A 0-7.5KV single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - B 0-7.5KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power									
CF ARM	Power									
Plus conductor	Power									
120 - D 0-7.5KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
120 - E 0-7.5KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 - F 7.6-15KV Single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - G -7.6-15KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - H -7.6-15KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - I 7.6-15KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 -J Crossarms- WOOD, standard line-16- 115KV Single arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -K Crossarms- WOOD, standard line-16- 115KV Double arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -L Crossarms- WOOD, standard line-16- 115KV Double arm w/rein brckets	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -M Crossarms- WOOD, standard line-16- 115KV Sidearm single	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -N Crossarms- WOOD, standard line-16- 115KV Sidearm Double	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
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.										
121 -A Pole top ext. incl.arms/6-7 ft ext	Power									
Plus conductor	Power									
121 -B Pole top ext. incl.arms/8-9 ft ext	Power									
Plus conductor	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
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 -A	Power									
122 -B	Power									
122 -C	Power									
122 -D	Power									
122 -E	Power									
122 -F	Power									
122 -G	Power									
122 -H	Power									
122 - I to P										
123 -A	Power									
123 -B	Power									
123 -C	Power									
123 -D	Power									
123 -E	Power									
123 -F	Power									
123 -G	Power									
123 -H	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power									
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power									
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power									
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power									
Add \$127 for each additional insulator on items (e) to (f).	Power									
Add \$143 for each additional insulator on item (g).	Power									
Add \$183 for each additional insulator on item (h).	Power									
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power									
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power									
Plus conductor ea.	Power									
124 -B Racks/Brackets,secondary - Bracket, triplex	Power									
Plus triplex conductor ea.	Power									
125 -ground assembly, complete	Power									
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-A Support: single insulator, fiberglass	Power									
126-B Support: Double insulator, fiberglass	Power									
126-C Support: Triple insulator, fiberglass	Power									
126-D Support: Pole Top insulator, fiberglass	Power									
127 Support, single dead end fiberglass	Power									
128-A Insulator mounting bracket-single(vert or Hort)	Power									
128-B Insulator mounting bracket-Double(vertical)	Power									
128-C Insulator mounting bracket-Single over 40KV	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
129-A	Power		Steel Crossarm, squirrel cage bracket, incl. Insul-Single							
129-B	Power		Steel Crossarm, squirrel cage bracket, incl. Insul-Double							
130	Power		Double circuit sidemount insulators-Dreyfuss sunburst							
131	Power		Insulator assembly bracket for endarm mounting							
132-A	Power		mounting bracket: two transformers							
132-B	Power		mounting bracket: three transformers							
NOTE: Refer to Item 120 for conductor cost.										
149 - Installation of power line equip. not listed-Special Agreement 1.2.										
Installation Costs - Communication Circuits										
159	Communication		Semi-circular cable guard ("U" guard): installation							
160 - A	Communication		Crossarms-single wood service							
160-B	Communication		Crossarms-Double wood service							
160-C	Communication		Crossarms/Composite Fiberglass Arm							
160-D	Communication		Crossarms-Attach to existing arm no charge							
161 - A	Communication		Guardarm-single wood service							
161-B	Communication		-Guardarms-Double wood service							
161-C	Communication		-Guardarms-Composite Fiberglass							
163 - A	Communication		Drive hook W/wedge grip unit-one wedge grip unit							
163 - B	Communication		Drive hook W/wedge grip unit-additional wedge-same hook each							
164 - A	Communication		Cable arm(install or attach to existing)-Single WOOD arm W/one cable							
CF ARM	Communication									
164 - B	Communication		Cable arm(install or attach to existing)-Double WOOD arm W/one cable							
CF ARM	Communication									
164 - C	Communication		Cable arm(install or attach to existing)-Extension WOOD arm W/one cable							
CF ARM	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
164 - D	Communication									
164 - E	Communication									
165	Communication									
166 - A	Communication									
167 - A	Communication									
167 - B	Communication									
167 - C	Communication									
167 - D	Communication									
167 - E	Communication									
168	Communication									
169	Communication									
NOTE: Billing is optional, depending on policy of utility.										
170	Communication									
199										
Legend: = Do not enter price										

Column/Element Definitions

- Column 1: *Item number and definition.*
Authorized Cost item number, and description.
- Column 2: *Power/Communication/Both*
This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.
- Column 3: *Direct Labor (loaded)*
The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.
- Column 4: *Total Labor Hours*
The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.
- Column 5: *Total Direct Labor*
This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.
- Column 6: *Material Cost (FOB)*
The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.
- Column 7: *Equipment Expense*

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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June 19, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:12 p.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Ms. Samantha Carrillo – Time Warner
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Chrysta Champlin – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. William Kearns – Frontier Communications
Mr. Bret Plaskey – Frontier Communications
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Shawn Henderson – T-Mobile
Ms. Yvonne Johnson - AT&T Mobility
Ms. Racheal Torres – Mobilitie
Ms. Lynn Prescott – Verizon Wireless
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Ms. Carmichael called the meeting to order at 1:12 p.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Ms. Carmichael asked Mr. Brown for an update on this item. Mr. Brown informed the committee he would follow up with his boss on this matter and report back next month. The committee agreed to remove this item from the agenda if there was no reply from Edison.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – The committee agreed to visit this item at a later date.

Agenda Item 4 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) - The City of Burbank requested this item be added to the Agenda. The committee will revisit this item when a representative from Burbank is present.

Agenda Item 5 – Review of Authorized Costs Matrix (for 2019-2020 prices) – The committee began reviewing items 1-50. Items 1 through 11 were all approved. Items 12A through 12D were approved as well. Item 12E – Reject, was questions by multiple members. Ms. DeBarge explained item 12E is used when the pole fails an intrusive inspection. Mr. Williams asked Ms. DeBarge why there was a price difference if the inspection is the same. Ms. DeBarge will follow up with her people and report back next month. Item 13A was changed to power only. Items 14-16 were approved. Item 17 – Wood pole fiberglass wrap restoration, Mr. Williams informed the committee this item is not used by LADWP and asked the committee if any of them used it. After some discussion Mr. Williams asked Ms. Pranata to email all power companies asking if this is an item they still use. Ms. Pranata will report results at next month’s meeting. Item 18 – Mod pole material and installation, Mr. Williams informed the committee LADWP has never used this item. Ms. DeBarge will follow up with her people before the committee decides to remove this item from the Matrix. Items 19-49 were approved. At this point the committee decided to go through as many items as possible. Items 74-124 were approved. Mr. Williams informed the committee that Item 125 – Ground assembly, complete is an item only power companies will be billed for. This item does not apply to communication companies. Items 126-199 were approved.

Agenda Item 6 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until members have submitted prices.

Agenda Item 7 - Miscellaneous/ New Item numbers – Ms. Carmichael opened the floor to any new items or concerns. There were none.

Agenda Item 8 - Review of Action Items:

- Mr. Williams to notify the Admin Board that the Authorized Costs Committee completed the review of all Authorized Costs Items ahead of schedule.
- Ms. DeBarge to report back with an explanation to the price difference for item 12E.
- Ms. Pranata to email all power companies on the use of item 17 –Wood pole fiberglass wrap restoration.
- Ms. DeBarge to inquire on item 18 – Mod pole material and installation.

The ad hoc meeting adjourned at 1:50 p.m.

The next meeting is scheduled for July 17, 2018.

Jenny Silva – Committee Staff

(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power/Comm/Both P/C	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
1-Trenching/Moving 30'-35' WITH supply	Power									
1-Trenching/Moving 40'-45' WITH supply	Power									
1-Trenching/Moving 50'-55' WITH supply	Power									
1-Trenching/Moving 60'-65' WITH supply	Power									
1-Trenching/Moving 70'-75' WITH supply	Power									
1-Trenching/Moving 80'-85' WITH supply	Power									
1-Trenching/Moving 90'-95' WITH supply	Power									
1-Trenching/Moving 100' WITH supply	Power									
2-Trenching/Moving 30'-35' WITHOUT supply	Communication									
2-Trenching/Moving 40'-45' WITHOUT supply	Communication									
2-Trenching/Moving 50'-55' WITHOUT supply	Communication									
3- Lowering/Raising to Grade (one operation) 30'-35'	Both									
3- Lowering/Raising to Grade (one operation) 40'-45'	Both									
3- Lowering/Raising to Grade (one operation) 50'-55'	Both									
3- Lowering/Raising to Grade (one operation) 60'-65'	Both									
3- Lowering/Raising to Grade (one operation) 70'-75'	Both									
3- Lowering/Raising to Grade (one operation) 80'-85'	Both									
3- Lowering/Raising to Grade 90'-95'	Both									
3- Lowering/Raising to Grade (one operation) 100'	Both									
4- Straightening in Earth 30'-35'	Both									
4- Straightening in Earth 40'-45'	Both									
4- Straightening in Earth 50'-55'	Both									
4- Straightening in Earth 60'-65'	Both									
4- Straightening in Earth 70'-75'	Both									
4- Straightening in Earth 80'-85'	Both									
4- Straightening in Earth 90'-95'	Both									
4- Straightening in Earth 100'	Both									
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both									
5-B Removing From Service-Transporting	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-C Removing From Service-Topping (based on topping and lowering)	Both									
5-D Removing From Service-Disposal	Both									
5-E Lowering	Both									
5-F Removal of steel truss (any size) Added 03/18/14	Both									
6-A Pole Stubbing 8 Ft metal truss	Power									
6-B Pole Stubbing 10-11 Ft metal truss	Power									
6-C Pole Stubbing 11 Ft metal truss	Power									
6-D Pole Stubbing 12 Ft metal truss	Power									
6-E Pole Stubbing 13 Ft metal truss	Power									
6-F Pole Stubbing 14 Ft metal truss	Power									
6-G Pole Stubbing 15.5 Ft metal truss	Power									
6-H Add'l metal trusses (all sizes)	Power									
6-I Inaccessible to stubbing equipment	Power									
6-J ET (Extended) Truss	Power									
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both									
8-B Semi Cir. Pole Guards - Transferring	Both									
9 Hand Dig Pole Set/Hand Removal: (does not apply to Sec 7.4 or rear property line)										
9A Hand Dig Pole Set/Hand Removal: (a) Pole set: Not accessible to digging equipment	Both									
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: (b) Accessible with Conflict- Must specify nature of conflict on Form 48, Form 7, or Form 2	Both									
9C Hand Dig Pole Set/Hand Removal: (c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both									
10 Sidewalk/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)										
10-A Cement break and temporary repair	Both									
10-B Asphalt break & repair	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
10-C Cement saw cut brk&repair-based on 25 square feet	Both									
10-D Cement saw cut brk&rpr-based on 50 square feet	Both									
10-E ADA accessible ramp	Both									
11-Joint Rights of Way-by special agreement										
12-A-Resrvd for future use										
12-B Pole Inspect/Treat-Partial Dig	Power									
12-C Pole Inspect/Treat-Sound&Bore	Power									
12-D Pole Inspect/Treat-Full Treatment	Power									
12-E Pole Inspect/Treat-Reject	Power		SCE/A.DeBarge to follow up with price difference if the inspection is the same 6/19/2018							
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power									
13-A Pole/anchor Access Obstruct-Clearing in SRA (Clearing poles in State Responsibility area -Includes cost of contractor to perform activity and post Quality Control inspection)	POWER		Changed to Power 06/19/2018							
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/ replacement of a pole	Both									
13-C Pole/anchor Access Obstruct- All other Special agreement										
13-D Traffic Control Traffic Control (By Special Agreement Section 1.2)	Both									
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both									
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both									
15-A Pole Marking-Tagging	Both									
15-B Pole Marking-Visibility Strips	Both									
16-A Backhoe 2/hr minimum	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both									
17 - Wood Pole Fiberglass wrap restoration:										
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power		Waiting for responses from Members 6/19/2018							
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power		Waiting for responses from Members 6/19/2018							
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power		Waiting for responses from Members 6/19/2018							
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power		Waiting for responses from Members 6/19/2018							
18-A ModPole Material & Installation 9'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-B ModPole Material & Installation 14'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-C ModPole Material & Installation 18'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
NOTE: Prices established are from price list received from Pole Care 6-23-00										
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"										
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both									
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both									
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both									
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both									
20-C Insulator relocation	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - B 0-7.5 kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - E 0-7.5kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - F 7.6-15kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - G 7.6-15kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - J 16-34kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - K 16-34kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (no splicing)	Power									
21 - M 16-34kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - N 16-34kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - O 66-115kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - P 66-115kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - Q 66-115kv steel arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
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:										
22-A 0-750 volt secondary	Power									
22-B 750-7,500 volt primary	Power									
22-C 7.6-115kv - 1 or 2 strain insulators	Power									
22-D 7.6-115kv - 3 or 4 strain insulators	Power									
22-E 7.6-115kv - 5 or 6 strain insulators	Power									
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost										
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)										
23-A Flat to vertical 7.5-115kv single arm per pole	Power									
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power									
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
23-B	Power		Flat to vertical 7.5-115kv double arm per pole							
23-B1	Power		Triangular to Flat 7.5-115kv double arm per pole							
23-B2	Power		Vertical to Flat 7.5-115kv double arm per pole							
NOTE: Cost of rebonding is included in above prices.										
24 - A	Power		Bonding Per Pole: Single circuit-all voltages							
24 - B	Power		Bonding Per Pole: Double circuit-all voltages							
25 -	Power		Ground Wire, Incl. protective covering							
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)										
27 - A	Power		Racks & brackets-secondary/3-4 wire to pole							
	Power		Plus Conductor ea.							
27 - B	Power		Bracket, Triplex							
	Power		Plus Triplex conductor							
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 - A	Power		Service Conductors - Transferring, raising or lowering/#4 conductor of smaller							
28 - B	Power		Service Conductors - Transferring, raising or lowering/Larger than #4 conductor							
28 - C	Power		Service Conductors - Transferring, raising or lowering/Triplex Service conductors							
29- A	Power		Transformers 1-1/2 to 25 KVA each							
29- B	Power		Transformers 30 to 167 KVA each							
29- C	Power		Mounting Brackets, two transformers							
NOTE: 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.										
30-A	Power		Capacitors/capacitor bank switched							
30-B	Power		Capacitors/capacitor bank non-switched							
31-A	Power		Street Lights Ctr Susp type-span end							
31-B	Power		Street Lights Ctr Susp type-Feed end							
31-C	Power		Street Lights Gooseneck or brket type open wire							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
31-D Street Lights Gooseneck or brket type Conduit on pole	Power									
31-E Street Lights Mast arm type	Power									
31-F Street Lights Pole top pin and insulator-single	Power									
31-G Street Lights Pole top pin and insulator-Double	Power									
32 Meter of Time Switch Control Box (Price by field agreement)										
33-A Support single insulator fiberglass	Power									
33-B Support Double insulator fiberglass	Power									
33-C Support Triple insulator fiberglass	Power									
33-D Support Pole Top insulator fiberglass	Power									
34 Support, single deadend fiberglass	Power									
35-A Insulator mounting brkets-single(ver-Hort)	Power									
35-B Insulator mounting brkets-Double(vertical)	Power									
35-C Insulator mounting brkets-Single, over 40KV	Power									
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power									
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power									
37- Double circuit side mount insulators-Dreyfuss sunburst	Power									
38- Insulator assembly bracket for endarm mountings	Power									
NOTE: Refer to Item 21 for conductor cost										
39 - Stand-off brackets for jointly used risers	Power									
40 - Transferring risers	Power									
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										
74-Semi-circular cable guard ("U" guard): transferring	Communication									
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication									
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication									
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication									
79-Mult. Dist. Service Wire on line pole	Communication									
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication									
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication									
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication									
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication									
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication									
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication									
NOTE: The above prices do not include cable terminals.										
83-A Cable attached direct to pole (complete)	Communication									
83-B Cable attached (additional work required)	Communication									
84-A Messenger reinforcing units-Strap each	Communication									
84-B Messenger reinforcing units-Link each	Communication									
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication									
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication									
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication									
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication									
86-Messenger dead end, all sizes-w or w/o cable	Communication									
87-A Cable Terminal transfer-Dist. Cable term.	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
87-B	Cable Terminal transfer-Feeder Dist. Interface Communication									
87-C	Cable Terminal transfer-Pole seat or balcony Communication									
88-	Mult. Dist. Wire term. Transfer Communication									
89-A	Cable terminal replacement-all types term except Ready Access 25 pair or less Communication									
89-B	Cable terminal replacement Ready Access 24 pair or less Communication									
89-C	Cable terminal replacement- Ready Access 24-50 pair Communication									
distribution stub, add the following to cost above;										
89-D	Cable terminal replacement- Mult. Dist. Stub for Ready Access type Communication									
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-A	Cable Splicing/per splice/per pair=18 pr Communication									
91-B	Cable Splicing/per splice/per pair=25 pr Communication									
91-C	Cable Splicing/per splice/per pair=50 pr Communication									
91-D	Cable Splicing/per splice/per pair=100 pr Communication									
91-E	Cable Splicing/per splice/per pair=200 pr Communication									
91-F	Cable Splicing/per splice/per pair=300 pr Communication									
91-G	Cable Splicing/per splice/per pair=400 pr Communication									
91-H	Cable Splicing/per splice/per pair=600 pr Communication									
91-I	Cable Splicing/per splice/per pair=700 pr Communication									
91-J	Cable Splicing/per splice/per pair=800 pr Communication									
91-K	Cable Splicing/per splice/per pair=900 pr Communication									
91-L	Cable Splicing/per splice/per pair=1200 pr Communication									
Note: 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.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
92 - Cable risers, incl pipe and molding ea.	Communication									
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. (Sec 1.2 by special agreement)										
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication									
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication									
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication									
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication									
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication									
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication									
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication									
94-A-8 Any size above and beyond by special agreement Section 1.2										
97-Transfer meter curcuit breaker box/disconnect box	Communication									
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.										
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both									
110 - B Guy wire complete Make-up-Anchor guy	Both									
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both									
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both									
110 - E Guy wire comp. Make-up-Guy guards	Both									
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 - A Anchors-expanding plate(handDig)	Both									
111 - B Anchors-expanding plate(Truch access)	Both									
111 - C Anchors-PISA screw anchor	Both									
111 - D Anchors-Hydraulically driven (mantaray)	Both									
111 - E Anchors-Concreting an anchor	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both									
111 - G Anchors-Existing anchor purchase (Rear property)	Both									
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both									
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 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both									
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both									
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both									
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both									
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 - A Heel/toe bracing pole-with treated wood blks, new pole	Both									
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both									
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both									
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both									
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both									
116 - B Breast blocking only, new or existing pole-w/concrete block	Both									
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both									
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).										
Installation Costs - Power Circuits										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
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)										
120 - A 0-7.5KV single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - B 0-7.5KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power									
CF ARM	Power									
Plus conductor	Power									
120 - D 0-7.5KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - E 0-7.5KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 - F 7.6-15KV Single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - G -7.6-15KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - H -7.6-15KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - I 7.6-15KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 -J Crossarms-WOOD, standard line-16-115KV Single arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -K Crossarms-WOOD, standard line-16-115KV Double arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brckets	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
120 -M Crossarms- WOOD , standard line-16- 115KV Sidearm single	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -N Crossarms- WOOD , standard line-16- 115KV Sidearm Double	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
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.										
121 -A Pole top ext. incl.arms/6-7 ft ext	Power									
Plus conductor	Power									
121 -B Pole top ext. incl.arms/8-9 ft ext	Power									
Plus conductor	Power									
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 -A Insulators incl. Pins/hardware/0-7.5KV pin type ea	Power									
122 -B Insulators incl. Pins/hardware/11 or 16KV pin type ea	Power									
122 -C Insulators incl. Pins/hardware/34KV pin type ea	Power									
122 -D Insulators incl. Pins/hardware/66KV pin type ea	Power									
122 -E Insulators incl. Pins/hardware/11 and 16KV post type ea	Power									
122 -F Insulators incl. Pins/hardware/34KV post type ea	Power									
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power									
122 -H Insulators incl. Pins/hardware/34- 115KV suspension (strain)	Power									
122 - I to P										
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -B	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500v.primary							
123 -C	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul							
123 -D	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul							
123 -E	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul							
123 -F	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul							
123 -G	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul							
123 -H	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul							
123 -I	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul							
123 -J	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.							
123 -K	Power		Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.							
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power									
Add \$127 for each additional insulator on items (e) to (f).	Power									
Add \$143 for each additional insulator on item (g).	Power									
Add \$183 for each additional insulator on item (h).	Power									
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power									
124 -A	Power		Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole							
Plus conductor ea.	Power									
124 -B	Power		Racks/Brackets,secondary - Bracket, triplex							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
Plus triplex conductor ea.	Power									
125 -ground assembly, complete	Power		Power only 6/19/2018							
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-A Support: single insulator, fiberglass	Power									
126-B Support: Double insulator, fiberglass	Power									
126-C Support: Triple insulator, fiberglass	Power									
126-D Support: Pole Top insulator, fiberglass	Power									
127 Support, single dead end fiberglass	Power									
128-A Insulator mounting bracket-single(vert or Hort)	Power									
128-B Insulator mounting bracket-Double(vertical)	Power									
128-C Insulator mounting bracket-Single over 40KV	Power									
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power									
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power									
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power									
131 Insulator assembly bracket for endarm mounting	Power									
132-A mounting bracket: two transformers	Power									
132-B mounting bracket: three transformers	Power									
NOTE: Refer to Item 120 for conductor cost.										
149 - Installation of power line equip. not listed-Special Agreement 1.2.										
Installation Costs - Communication Circuits										
159-Semi-circular cable guard ("U" guard): installation	Communication									
160 - A Crossarms-single wood service	Communication									
160-B Crossarms-Double wood service	Communication									
160-C Crossarms/Composite Fiberglass Arm	Communication									
160-D Crossarms-Attach to existing arm no charge	Communication									
161 - A Guardarm-single wood service	Communication									
161-B -Guardarms-Double wood service	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
161-C -Guardarms-Composite Fiberglass	Communication									
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication									
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication									
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication									
164 - E Cable arm(install or atch to existing)-Attache to existing cable arm-NO CHARGE	Communication									
165 - Cable attached direct to interset pole, each	Communication									
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication									
167 - A Messenger without cable - single arm	Communication									
167 - B Messenger without cable - Double arm	Communication									
167 - C Messenger without cable - Extension arm	Communication									
167 - D Messenger without cable - Direct to pole	Communication									
167 -E Messenger without cable - additional messenger	Communication									
168 - Multiple distribution service wire attached to pole/arm	Communication									
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication									
NOTE: Billing is optional, depending on policy of utility.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
170 - Bonding to secondary neutral ground, per pole	Communication									
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.										
Legend:		= Do not enter price								
Column/Element Definitions										
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.										
Column 2: <u>Power/Communication/Both</u> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.										
Column 3: <u>Direct Labor (loaded)</u> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.										
Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.										
Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.										
Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.										
Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.										
Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.										
Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.										
*** 08/16/2016: Item 19 authorized cost calculation is determined by:										
1. Labor required in preparation to relocate top portion of the old pole.										
2. Relocation and support of the top portion of the old pole.										
3. Include the cost associated with supporting cables and conductors.										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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July 17, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:40 p.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Bryan Strong – Southern California Edison
Ms. Lynn Prescott – Verizon Wireless
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Ms. Samantha Carrillo – Time Warner
Mr. Earle Gerard Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Bret Plaskey – Frontier Communications
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Jaclyn Puga – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. Carmichael called the meeting to order at 12:40 p.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Ms. Carmichael asked Mr. Brown for an update on this item. Mr.

Brown informed the committee he did not get a chance to follow up on this item. He will report back next month with an update.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – The committee will review the pole prices submission form, worksheets, and guidelines. They will report back next month.

Agenda Item 4 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) - The City of Burbank requested this item be added to the Agenda. The committee will revisit this item when a representative from Burbank is present.

Agenda Item 5 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Ms. DeBarge informed the committee that SCE has decided to keep Item 17 – Wood pole fiberglass wrap restoration, on the Authorized Cost Matrix. Ms. DeBarge did not realize she was supposed to follow up on item 18 as well. She agreed to follow up on item 18 and report back next month. Mr. Williams asked SCE if they were able to come up with a reason for the difference in pricing between items 12B, C, D, E, and F. The committee reviewed the prices previously submitted by SCE, LADWP, and SCW and discovered that LADWP and SCW had submitted the same pricing for all items, but SCE had different pricing for each item. Mr. Brown (SCE) agreed to look into this and report back next month. Ms. Pranata then asked the committee to review the note for item 19. The committee agreed the note was still valid.

Agenda Item 6 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until members have submitted prices.

Agenda Item 7 - Miscellaneous/ New Item numbers – Ms. Carmichael opened the floor to any new items or concerns. There were none.

Agenda Item 8 - Review of Action Items:

- SCE to report back with an explanation for the price difference for item 12E.
- SCE to inquire on item 18 – Mod pole material and installation.

The ad hoc meeting adjourned at 12:59 p.m.

The next meeting is scheduled for August 14, 2018.

Jenny Silva – Committee Staff

(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power/Comm/Both P/C	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
1-Trenching/Moving 30'-35' WITH supply	Power									
1-Trenching/Moving 40'-45' WITH supply	Power									
1-Trenching/Moving 50'-55' WITH supply	Power									
1-Trenching/Moving 60'-65' WITH supply	Power									
1-Trenching/Moving 70'-75' WITH supply	Power									
1-Trenching/Moving 80'-85' WITH supply	Power									
1-Trenching/Moving 90'-95' WITH supply	Power									
1-Trenching/Moving 100' WITH supply	Power									
2-Trenching/Moving 30'-35' WITHOUT supply	Communication									
2-Trenching/Moving 40'-45' WITHOUT supply	Communication									
2-Trenching/Moving 50'-55' WITHOUT supply	Communication									
3- Lowering/Raising to Grade (one operation) 30'-35'	Both									
3- Lowering/Raising to Grade (one operation) 40'-45'	Both									
3- Lowering/Raising to Grade (one operation) 50'-55'	Both									
3- Lowering/Raising to Grade (one operation) 60'-65'	Both									
3- Lowering/Raising to Grade (one operation) 70'-75'	Both									
3- Lowering/Raising to Grade (one operation) 80'-85'	Both									
3- Lowering/Raising to Grade 90'-95'	Both									
3- Lowering/Raising to Grade (one operation) 100'	Both									
4- Straightening in Earth 30'-35'	Both									
4- Straightening in Earth 40'-45'	Both									
4- Straightening in Earth 50'-55'	Both									
4- Straightening in Earth 60'-65'	Both									
4- Straightening in Earth 70'-75'	Both									
4- Straightening in Earth 80'-85'	Both									
4- Straightening in Earth 90'-95'	Both									
4- Straightening in Earth 100'	Both									
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both									
5-B Removing From Service-Transporting	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-C Removing From Service-Topping (based on topping and lowering)	Both									
5-D Removing From Service-Disposal	Both									
5-E Lowering	Both									
5-F Removal of steel truss (any size) Added 03/18/14	Both									
6-A Pole Stubbing 8 Ft metal truss	Power									
6-B Pole Stubbing 10-11 Ft metal truss	Power									
6-C Pole Stubbing 11 Ft metal truss	Power									
6-D Pole Stubbing 12 Ft metal truss	Power									
6-E Pole Stubbing 13 Ft metal truss	Power									
6-F Pole Stubbing 14 Ft metal truss	Power									
6-G Pole Stubbing 15.5 Ft metal truss	Power									
6-H Add'l metal trusses (all sizes)	Power									
6-I Inaccessible to stubbing equipment	Power									
6-J ET (Extended) Truss	Power									
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both									
8-B Semi Cir. Pole Guards - Transferring	Both									
9 Hand Dig Pole Set/Hand Removal: (does not apply to Sec 7.4 or rear property line)										
9A Hand Dig Pole Set/Hand Removal: (a) Pole set: Not accessible to digging equipment	Both									
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: (b) Accessible with Conflict- Must specify nature of conflict on Form 48, Form 7, or Form 2	Both									
9C Hand Dig Pole Set/Hand Removal: (c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both									
10 Sidewalk/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)										
10-A Cement break and temporary repair	Both									
10-B Asphalt break & repair	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
10-C Cement saw cut brk&repair-based on 25 square feet	Both									
10-D Cement saw cut brk&rpr-based on 50 square feet	Both									
10-E ADA accessible ramp	Both									
11-Joint Rights of Way-by special agreement										
12-A-Resrvd for future use										
12-B Pole Inspect/Treat-Partial Dig	Power									
12-C Pole Inspect/Treat-Sound&Bore	Power									
12-D Pole Inspect/Treat-Full Treatment	Power									
12-E Pole Inspect/Treat-Reject	Power		SCE/A.DeBarge to follow up with price difference if the inspection is the same 6/19/2018							
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power									
13-A Pole/anchor Access Obstruct-Clearing in SRA (Clearing poles in State Responsibility area -Includes cost of contractor to perform activity and post Quality Control inspection)	POWER		Changed to Power 06/19/2018							
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/ replacement of a pole	Both									
13-C Pole/anchor Access Obstruct- All other Special agreement										
13-D Traffic Control Traffic Control (By Special Agreement Section 1.2)	Both									
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both									
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both									
15-A Pole Marking-Tagging	Both									
15-B Pole Marking-Visibility Strips	Both									
16-A Backhoe 2/hr minimum	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both									
17 - Wood Pole Fiberglass wrap restoration:										
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power		Waiting for responses from Members 6/19/2018							
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power		Waiting for responses from Members 6/19/2018							
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power		Waiting for responses from Members 6/19/2018							
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power		Waiting for responses from Members 6/19/2018							
18-A ModPole Material & Installation 9'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-B ModPole Material & Installation 14'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-C ModPole Material & Installation 18'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
NOTE: Prices established are from price list received from Pole Care 6-23-00										
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"										
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both									
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both									
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both									
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both									
20-C Insulator relocation	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - B 0-7.5 kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - E 0-7.5kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - F 7.6-15kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - G 7.6-15kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - J 16-34kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - K 16-34kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (no splicing)	Power									
21 - M 16-34kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - N 16-34kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - O 66-115kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - P 66-115kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - Q 66-115kv steel arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
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:										
22-A 0-750 volt secondary	Power									
22-B 750-7,500 volt primary	Power									
22-C 7.6-115kv - 1 or 2 strain insulators	Power									
22-D 7.6-115kv - 3 or 4 strain insulators	Power									
22-E 7.6-115kv - 5 or 6 strain insulators	Power									
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost										
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)										
23-A Flat to vertical 7.5-115kv single arm per pole	Power									
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power									
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
23-B	Power		Flat to vertical 7.5-115kv double arm per pole							
23-B1	Power		Triangular to Flat 7.5-115kv double arm per pole							
23-B2	Power		Vertical to Flat 7.5-115kv double arm per pole							
NOTE: Cost of rebonding is included in above prices.										
24 - A	Power		Bonding Per Pole: Single circuit-all voltages							
24 - B	Power		Bonding Per Pole: Double circuit-all voltages							
25 -	Power		Ground Wire, Incl. protective covering							
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)										
27 - A	Power		Racks & brackets-secondary/3-4 wire to pole							
	Power		Plus Conductor ea.							
27 - B	Power		Bracket, Triplex							
	Power		Plus Triplex conductor							
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 - A	Power		Service Conductors - Transferring, raising or lowering/#4 conductor of smaller							
28 - B	Power		Service Conductors - Transferring, raising or lowering/Larger than #4 conductor							
28 - C	Power		Service Conductors - Transferring, raising or lowering/Triplex Service conductors							
29- A	Power		Transformers 1-1/2 to 25 KVA each							
29- B	Power		Transformers 30 to 167 KVA each							
29- C	Power		Mounting Brackets, two transformers							
NOTE: 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.										
30-A	Power		Capacitors/capacitor bank switched							
30-B	Power		Capacitors/capacitor bank non-switched							
31-A	Power		Street Lights Ctr Susp type-span end							
31-B	Power		Street Lights Ctr Susp type-Feed end							
31-C	Power		Street Lights Gooseneck or brket type open wire							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
31-D Street Lights Gooseneck or brket type Conduit on pole	Power									
31-E Street Lights Mast arm type	Power									
31-F Street Lights Pole top pin and insulator-single	Power									
31-G Street Lights Pole top pin and insulator-Double	Power									
32 Meter of Time Switch Control Box (Price by field agreement)										
33-A Support single insulator fiberglass	Power									
33-B Support Double insulator fiberglass	Power									
33-C Support Triple insulator fiberglass	Power									
33-D Support Pole Top insulator fiberglass	Power									
34 Support, single deadend fiberglass	Power									
35-A Insulator mounting brkets-single(ver-Hort)	Power									
35-B Insulator mounting brkets-Double(vertical)	Power									
35-C Insulator mounting brkets-Single, over 40KV	Power									
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power									
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power									
37 - Double circuit side mount insulators-Dreyfuss sunburst	Power									
38 - Insulator assembly bracket for endarm mountings	Power									
NOTE: Refer to Item 21 for conductor cost										
39 - Stand-off brackets for jointly used risers	Power									
40 - Transferring risers	Power									
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										
74 -Semi-circular cable guard ("U" guard): transferring	Communication									
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication									
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication									
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication									
79-Mult. Dist. Service Wire on line pole	Communication									
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication									
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication									
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication									
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication									
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication									
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication									
NOTE: The above prices do not include cable terminals.										
83-A Cable attached direct to pole (complete)	Communication									
83-B Cable attached (additional work required)	Communication									
84-A Messenger reinforcing units-Strap each	Communication									
84-B Messenger reinforcing units-Link each	Communication									
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication									
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication									
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication									
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication									
86-Messenger dead end, all sizes-w or w/o cable	Communication									
87-A Cable Terminal transfer-Dist. Cable term.	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
87-B	Cable Terminal transfer-Feeder Dist. Interface Communication									
87-C	Cable Terminal transfer-Pole seat or balcony Communication									
88	Mult. Dist. Wire term. Transfer Communication									
89-A	Cable terminal replacement-all types term except Ready Access 25 pair or less Communication									
89-B	Cable terminal replacement Ready Access 24 pair or less Communication									
89-C	Cable terminal replacement- Ready Access 24-50 pair Communication									
distribution stub, add the following to cost above;										
89-D	Cable terminal replacement- Mult. Dist. Stub for Ready Access type Communication									
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-A	Cable Splicing/per splice/per pair=18 pr Communication									
91-B	Cable Splicing/per splice/per pair=25 pr Communication									
91-C	Cable Splicing/per splice/per pair=50 pr Communication									
91-D	Cable Splicing/per splice/per pair=100 pr Communication									
91-E	Cable Splicing/per splice/per pair=200 pr Communication									
91-F	Cable Splicing/per splice/per pair=300 pr Communication									
91-G	Cable Splicing/per splice/per pair=400 pr Communication									
91-H	Cable Splicing/per splice/per pair=600 pr Communication									
91-I	Cable Splicing/per splice/per pair=700 pr Communication									
91-J	Cable Splicing/per splice/per pair=800 pr Communication									
91-K	Cable Splicing/per splice/per pair=900 pr Communication									
91-L	Cable Splicing/per splice/per pair=1200 pr Communication									
Note: 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.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
92 - Cable risers, incl pipe and molding ea.	Communication									
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. (Sec 1.2 by special agreement)										
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication									
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication									
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication									
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication									
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication									
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication									
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication									
94-A-8 Any size above and beyond by special agreement Section 1.2										
97-Transfer meter curcuit breaker box/disconnect box	Communication									
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.										
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both									
110 - B Guy wire complete Make-up-Anchor guy	Both									
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both									
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both									
110 - E Guy wire comp. Make-up-Guy guards	Both									
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 - A Anchors-expanding plate(handDig)	Both									
111 - B Anchors-expanding plate(Truch access)	Both									
111 - C Anchors-PISA screw anchor	Both									
111 - D Anchors-Hydraulically driven (mantaray)	Both									
111 - E Anchors-Concreting an anchor	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both									
111 - G Anchors-Existing anchor purchase (Rear property)	Both									
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both									
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 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both									
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both									
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both									
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both									
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 - A Heel/toe bracing pole-with treated wood blks, new pole	Both									
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both									
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both									
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both									
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both									
116 - B Breast blocking only, new or existing pole-w/concrete block	Both									
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both									
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).										
Installation Costs - Power Circuits										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
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)										
120 - A 0-7.5KV single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - B 0-7.5KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power									
CF ARM	Power									
Plus conductor	Power									
120 - D 0-7.5KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - E 0-7.5KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 - F 7.6-15KV Single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - G -7.6-15KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - H -7.6-15KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - I 7.6-15KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 -J Crossarms-WOOD, standard line-16-115KV Single arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -K Crossarms-WOOD, standard line-16-115KV Double arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brckets	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
120 -M Crossarms- WOOD , standard line-16- 115KV Sidearm single	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -N Crossarms- WOOD , standard line-16- 115KV Sidearm Double	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
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.										
121 -A Pole top ext. incl.arms/6-7 ft ext	Power									
Plus conductor	Power									
121 -B Pole top ext. incl.arms/8-9 ft ext	Power									
Plus conductor	Power									
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 -A Insulators incl. Pins/hardware/0-7.5KV pin type ea	Power									
122 -B Insulators incl. Pins/hardware/11 or 16KV pin type ea	Power									
122 -C Insulators incl. Pins/hardware/34KV pin type ea	Power									
122 -D Insulators incl. Pins/hardware/66KV pin type ea	Power									
122 -E Insulators incl. Pins/hardware/11 and 16KV post type ea	Power									
122 -F Insulators incl. Pins/hardware/34KV post type ea	Power									
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power									
122 -H Insulators incl. Pins/hardware/34- 115KV suspension (strain)	Power									
122 - I to P										
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -B	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500v.primary							
123 -C	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul							
123 -D	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul							
123 -E	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul							
123 -F	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul							
123 -G	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul							
123 -H	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul							
123 -I	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul							
123 -J	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.							
123 -K	Power		Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.							
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power									
Add \$127 for each additional insulator on items (e) to (f).	Power									
Add \$143 for each additional insulator on item (g).	Power									
Add \$183 for each additional insulator on item (h).	Power									
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power									
124 -A	Power		Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole							
Plus conductor ea.	Power									
124 -B	Power		Racks/Brackets,secondary - Bracket, triplex							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Plus triplex conductor ea.	Power									
125 -ground assembly, complete	Power		Power only 6/19/2018							
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-A Support: single insulator, fiberglass	Power									
126-B Support: Double insulator, fiberglass	Power									
126-C Support: Triple insulator, fiberglass	Power									
126-D Support: Pole Top insulator, fiberglass	Power									
127 Support, single dead end fiberglass	Power									
128-A Insulator mounting bracket- single(vert or Hort)	Power									
128-B Insulator mounting bracket- Double(vertical)	Power									
128-C Insulator mounting bracket-Single over 40KV	Power									
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power									
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power									
130 Double circuit sidemount insulators- Dreyfuss sunburst	Power									
131 Insulator assembly bracket for endarm mounting	Power									
132-A mounting bracket: two transformers	Power									
132-B mounting bracket: three transformers	Power									
NOTE: Refer to Item 120 for conductor cost.										
149 - Installation of power line equip. not listed- Special Agreement 1.2.										
Installation Costs - Communication Circuits										
159-Semi-circular cable guard ("U" guard): installation	Communication									
160 - A Crossarms- single wood service	Communication									
160-B Crossarms- Double wood service	Communication									
160-C Crossarms/Composite Fiberglass Arm	Communication									
160-D Crossarms- Attach to existing arm no charge	Communication									
161 - A Guardarm- single wood service	Communication									
161-B -Guardarms- Double wood service	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
161-C -Guardarms-Composite Fiberglass	Communication									
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication									
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication									
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication									
164 - E Cable arm(install or atch to existing)-Attache to existing cable arm-NO CHARGE	Communication									
165 - Cable attached direct to interser pole, each	Communication									
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication									
167 - A Messenger without cable - single arm	Communication									
167 - B Messenger without cable - Double arm	Communication									
167 - C Messenger without cable - Extension arm	Communication									
167 - D Messenger without cable - Direct to pole	Communication									
167 -E Messenger without cable - additional messenger	Communication									
168 - Multiple distribution service wire attached to pole/arm	Communication									
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication									
NOTE: Billing is optional, depending on policy of utility.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
170 - Bonding to secondary neutral ground, per pole	Communication									
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.										
Legend:		= Do not enter price								
Column/Element Definitions										
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.										
Column 2: <u>Power/Communication/Both</u> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.										
Column 3: <u>Direct Labor (loaded)</u> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.										
Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.										
Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.										
Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.										
Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.										
Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.										
Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.										
*** 08/16/2016: Item 19 authorized cost calculation is determined by:										
1. Labor required in preparation to relocate top portion of the old pole.										
2. Relocation and support of the top portion of the old pole.										
3. Include the cost associated with supporting cables and conductors.										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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August 14, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:53 p.m. at the Committee office. Those in attendance were:

Ms. Manijeh Carmichael – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Bryan Strong – Southern California Edison
Ms. Lynn Prescott – Verizon Wireless
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Mr. Earle Gerard Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Chrys Champlin - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Bret Plaskey – Frontier Communications
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Jaclyn Puga – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Racheal Torres – Mobilitie
Ms. Samantha Carrillo – Time Warner
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Marcy Quayle – Extenet Systems

Ms. Carmichael called the meeting to order at 12:53 p.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Mr. Brown informed the committee that SCE is not ready to move forward with this item at this time. SCE then requested the removal of this item from the Authorized Cost Agenda. The committee agreed to remove this item from the agenda.

Agenda Item 3 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata sent the members a copy of the pole prices definitions and blank pole price matrix for review. Once the committee has reviewed these item Ms. Pranata can email the documents out to the members. Ms. Carmichael wanted to discuss crane charges being added to pole pricing. Mr. Williams explained this would drive the cost of the pole price way up on all new poles whether or not a crane was used. Ms. Carmichael then explained she would like to see the cost already included in the pole price matrix removed from the crane charges when submitted as a 1.2 special agreement. Mr. Brown explained that SCE already removes a large portion of the crane charge before submitting the section 1.2. Ms. Carmichael was happy with the progress on this matter. Mr. Plaskey asked for clarification on the definition for item 8- Equipment Expense – Mr. Williams explained the expense is all based on the WATCH manual. Ms. Pranata then informed the committee she would be sending the updated pole price matrix and definitions out to all members. The committee agreed on a due date of October 31, 2018.

Agenda Item 4 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) - The City of Burbank requested this item be added to the Agenda. The committee will revisit this item when a representative from Burbank is present.

Agenda Item 5 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Ms. Carmichael asked Ms. DeBarge if SCE was able to come up with a reason for the difference in pricing between items 12B, C, D, E, and F. Mr. Brown updated to committee with his findings. The reason for the pricing difference is that sound and bore is not the same as full treatment. Sound and bore is done on a pole where they cannot excavate around the pole. Full treatment is done when they can fully excavate around the pole. Full treatment was the term utilized about fifteen years ago. Perhaps we can now rename it to Full Excavate to eliminate confusion. SCE does not recommend eliminating the item 12E. For rejects the inspector has more action to perform to reach the conclusion that the pole is in fact a reject. The committee was satisfied with the explanation and chose not to change the term to full excavate. Ms. DeBarge followed up on item 18 and SCE does still use this item so it will remain on the matrix. Ms. Pranata asked the committee members for a due date on the Authorized Costs Matrix. The committee agreed to make it the same date as the Pole Prices which is October 31, 2018.

Agenda Item 6 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until members have submitted prices.

Agenda Item 7 - Miscellaneous/ New Item numbers – Ms. Carmichael opened the floor to any new items or concerns. There were none.

Agenda Item 8 - Review of Action Items:

- Ms. Pranata to send the Pole Prices Matrix and Definitions to all members. Due date is October 31, 2018.
- Ms. Pranata to send the Authorized Costs Matrix to all members. Due date is October 31, 2018

The ad hoc meeting adjourned at 1:14 p.m.

The next meeting is scheduled for September 18, 2018.

Jenny Silva – Committee Staff

(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power/Comm/Both P/C	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
1-Trenching/Moving 30'-35' WITH supply	Power									
1-Trenching/Moving 40'-45' WITH supply	Power									
1-Trenching/Moving 50'-55' WITH supply	Power									
1-Trenching/Moving 60'-65' WITH supply	Power									
1-Trenching/Moving 70'-75' WITH supply	Power									
1-Trenching/Moving 80'-85' WITH supply	Power									
1-Trenching/Moving 90'-95' WITH supply	Power									
1-Trenching/Moving 100' WITH supply	Power									
2-Trenching/Moving 30'-35' WITHOUT supply	Communication									
2-Trenching/Moving 40'-45' WITHOUT supply	Communication									
2-Trenching/Moving 50'-55' WITHOUT supply	Communication									
3- Lowering/Raising to Grade (one operation) 30'-35'	Both									
3- Lowering/Raising to Grade (one operation) 40'-45'	Both									
3- Lowering/Raising to Grade (one operation) 50'-55'	Both									
3- Lowering/Raising to Grade (one operation) 60'-65'	Both									
3- Lowering/Raising to Grade (one operation) 70'-75'	Both									
3- Lowering/Raising to Grade (one operation) 80'-85'	Both									
3- Lowering/Raising to Grade 90'-95'	Both									
3- Lowering/Raising to Grade (one operation) 100'	Both									
4- Straightening in Earth 30'-35'	Both									
4- Straightening in Earth 40'-45'	Both									
4- Straightening in Earth 50'-55'	Both									
4- Straightening in Earth 60'-65'	Both									
4- Straightening in Earth 70'-75'	Both									
4- Straightening in Earth 80'-85'	Both									
4- Straightening in Earth 90'-95'	Both									
4- Straightening in Earth 100'	Both									
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both									
5-B Removing From Service-Transporting	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-C Removing From Service-Topping (based on topping and lowering)	Both									
5-D Removing From Service-Disposal	Both									
5-E Lowering	Both									
5-F Removal of steel truss (any size) Added 03/18/14	Both									
6-A Pole Stubbing 8 Ft metal truss	Power									
6-B Pole Stubbing 10-11 Ft metal truss	Power									
6-C Pole Stubbing 11 Ft metal truss	Power									
6-D Pole Stubbing 12 Ft metal truss	Power									
6-E Pole Stubbing 13 Ft metal truss	Power									
6-F Pole Stubbing 14 Ft metal truss	Power									
6-G Pole Stubbing 15.5 Ft metal truss	Power									
6-H Add'l metal trusses (all sizes)	Power									
6-I Inaccessible to stubbing equipment	Power									
6-J ET (Extended) Truss	Power									
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both									
8-B Semi Cir. Pole Guards - Transferring	Both									
9 Hand Dig Pole Set/Hand Removal: (does not apply to Sec 7.4 or rear property line)										
9A Hand Dig Pole Set/Hand Removal: (a) Pole set: Not accessible to digging equipment	Both									
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: (b) Accessible with Conflict- Must specify nature of conflict on Form 48, Form 7, or Form 2	Both									
9C Hand Dig Pole Set/Hand Removal: (c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both									
10 Sidewalk/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)										
10-A Cement break and temporary repair	Both									
10-B Asphalt break & repair	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
10-C Cement saw cut brk&repair-based on 25 square feet	Both									
10-D Cement saw cut brk&rpr-based on 50 square feet	Both									
10-E ADA accessible ramp	Both									
11-Joint Rights of Way-by special agreement										
12-A-Resrvd for future use										
12-B Pole Inspect/Treat-Partial Dig	Power									
12-C Pole Inspect/Treat-Sound&Bore	Power									
12-D Pole Inspect/Treat-Full Treatment	Power									
12-E Pole Inspect/Treat-Reject	Power		SCE/A.DeBarge to follow up with price difference if the inspection is the same 6/19/2018							
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power									
13-A Pole/anchor Access Obstruct-Clearing in SRA (Clearing poles in State Responsibility area -Includes cost of contractor to perform activity and post Quality Control inspection)	POWER		Changed to Power 06/19/2018							
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/ replacement of a pole	Both									
13-C Pole/anchor Access Obstruct- All other Special agreement										
13-D Traffic Control Traffic Control (By Special Agreement Section 1.2)	Both									
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both									
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both									
15-A Pole Marking-Tagging	Both									
15-B Pole Marking-Visibility Strips	Both									
16-A Backhoe 2/hr minimum	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both									
17 - Wood Pole Fiberglass wrap restoration:										
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power		SCE will use when necessary							
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power		SCE will use when necessary							
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power		SCE will use when necessary							
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power		SCE will use when necessary							
18-A ModPole Material & Installation 9'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-B ModPole Material & Installation 14'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
18-C ModPole Material & Installation 18'	Power		A. DeBarge/SCE to research if item is still needed for SCE 6/19/18							
NOTE: Prices established are from price list received from Pole Care 6-23-00										
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"										
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both									
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both									
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both									
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both									
20-C Insulator relocation	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - B 0-7.5 kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - E 0-7.5kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - F 7.6-15kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - G 7.6-15kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - J 16-34kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - K 16-34kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (no splicing)	Power									
21 - M 16-34kv sidearm - single										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - N 16-34kv sidearm - double										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - O 66-115kv single arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - P 66-115kv double arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
21 - Q 66-115kv steel arm										
Transfer Arm	Power									
Transfer Conductor (splicing required)	Power									
Transfer Conductor (no splicing)	Power									
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:										
22-A 0-750 volt secondary	Power									
22-B 750-7,500 volt primary	Power									
22-C 7.6-115kv - 1 or 2 strain insulators	Power									
22-D 7.6-115kv - 3 or 4 strain insulators	Power									
22-E 7.6-115kv - 5 or 6 strain insulators	Power									
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost										
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)										
23-A Flat to vertical 7.5-115kv single arm per pole	Power									
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power									
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
23-B	Power		Flat to vertical 7.5-115kv double arm per pole							
23-B1	Power		Triangular to Flat 7.5-115kv double arm per pole							
23-B2	Power		Vertical to Flat 7.5-115kv double arm per pole							
NOTE: Cost of rebonding is included in above prices.										
24 - A	Power		Bonding Per Pole: Single circuit-all voltages							
24 - B	Power		Bonding Per Pole: Double circuit-all voltages							
25 -	Power		Ground Wire, Incl. protective covering							
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)										
27 - A	Power		Racks & brackets-secondary/3-4 wire to pole							
	Power		Plus Conductor ea.							
27 - B	Power		Bracket, Triplex							
	Power		Plus Triplex conductor							
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 - A	Power		Service Conductors - Transferring, raising or lowering/#4 conductor of smaller							
28 - B	Power		Service Conductors - Transferring, raising or lowering/Larger than #4 conductor							
28 - C	Power		Service Conductors - Transferring, raising or lowering/Triplex Service conductors							
29- A	Power		Transformers 1-1/2 to 25 KVA each							
29- B	Power		Transformers 30 to 167 KVA each							
29- C	Power		Mounting Brackets, two transformers							
NOTE: 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.										
30-A	Power		Capacitors/capacitor bank switched							
30-B	Power		Capacitors/capacitor bank non-switched							
31-A	Power		Street Lights Ctr Susp type-span end							
31-B	Power		Street Lights Ctr Susp type-Feed end							
31-C	Power		Street Lights Gooseneck or brket type open wire							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
31-D Street Lights Gooseneck or brket type Conduit on pole	Power									
31-E Street Lights Mast arm type	Power									
31-F Street Lights Pole top pin and insulator-single	Power									
31-G Street Lights Pole top pin and insulator-Double	Power									
32 Meter of Time Switch Control Box (Price by field agreement)										
33-A Support single insulator fiberglass	Power									
33-B Support Double insulator fiberglass	Power									
33-C Support Triple insulator fiberglass	Power									
33-D Support Pole Top insulator fiberglass	Power									
34 Support, single deadend fiberglass	Power									
35-A Insulator mounting brkets-single(ver-Hort)	Power									
35-B Insulator mounting brkets-Double(vertical)	Power									
35-C Insulator mounting brkets-Single, over 40KV	Power									
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power									
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power									
37 - Double circuit side mount insulators-Dreyfuss sunburst	Power									
38 - Insulator assembly bracket for endarm mountings	Power									
NOTE: Refer to Item 21 for conductor cost										
39 - Stand-off brackets for jointly used risers	Power									
40 - Transferring risers	Power									
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										
74 -Semi-circular cable guard ("U" guard): transferring	Communication									
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication									
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication									
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication									
79-Mult. Dist. Service Wire on line pole	Communication									
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication									
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication									
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication									
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication									
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication									
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication									
NOTE: The above prices do not include cable terminals.										
83-A Cable attached direct to pole (complete)	Communication									
83-B Cable attached (additional work required)	Communication									
84-A Messenger reinforcing units-Strap each	Communication									
84-B Messenger reinforcing units-Link each	Communication									
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication									
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication									
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication									
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication									
86-Messenger dead end, all sizes-w or w/o cable	Communication									
87-A Cable Terminal transfer-Dist. Cable term.	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
87-B	Cable Terminal transfer-Feeder Dist. Interface Communication									
87-C	Cable Terminal transfer-Pole seat or balcony Communication									
88	Mult. Dist. Wire term. Transfer Communication									
89-A	Cable terminal replacement-all types term except Ready Access 25 pair or less Communication									
89-B	Cable terminal replacement Ready Access 24 pair or less Communication									
89-C	Cable terminal replacement- Ready Access 24-50 pair Communication									
distribution stub, add the following to cost above;										
89-D	Cable terminal replacement- Mult. Dist. Stub for Ready Access type Communication									
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-A	Cable Splicing/per splice/per pair=18 pr Communication									
91-B	Cable Splicing/per splice/per pair=25 pr Communication									
91-C	Cable Splicing/per splice/per pair=50 pr Communication									
91-D	Cable Splicing/per splice/per pair=100 pr Communication									
91-E	Cable Splicing/per splice/per pair=200 pr Communication									
91-F	Cable Splicing/per splice/per pair=300 pr Communication									
91-G	Cable Splicing/per splice/per pair=400 pr Communication									
91-H	Cable Splicing/per splice/per pair=600 pr Communication									
91-I	Cable Splicing/per splice/per pair=700 pr Communication									
91-J	Cable Splicing/per splice/per pair=800 pr Communication									
91-K	Cable Splicing/per splice/per pair=900 pr Communication									
91-L	Cable Splicing/per splice/per pair=1200 pr Communication									
Note: 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.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
92 - Cable risers, incl pipe and molding ea.	Communication									
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. (Sec 1.2 by special agreement)										
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication									
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication									
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication									
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication									
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication									
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication									
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication									
94-A-8 Any size above and beyond by special agreement Section 1.2										
97-Transfer meter curcuit breaker box/disconnect box	Communication									
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.										
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both									
110 - B Guy wire complete Make-up-Anchor guy	Both									
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both									
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both									
110 - E Guy wire comp. Make-up-Guy guards	Both									
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 - A Anchors-expanding plate(handDig)	Both									
111 - B Anchors-expanding plate(Truch access)	Both									
111 - C Anchors-PISA screw anchor	Both									
111 - D Anchors-Hydraulically driven (mantaray)	Both									
111 - E Anchors-Concreting an anchor	Both									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both									
111 - G Anchors-Existing anchor purchase (Rear property)	Both									
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both									
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 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both									
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both									
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both									
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both									
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 - A Heel/toe bracing pole-with treated wood blks, new pole	Both									
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both									
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both									
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both									
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both									
116 - B Breast blocking only, new or existing pole-w/concrete block	Both									
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both									
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).										
Installation Costs - Power Circuits										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
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)										
120 - A 0-7.5KV single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - B 0-7.5KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power									
CF ARM	Power									
Plus conductor	Power									
120 - D 0-7.5KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - E 0-7.5KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 - F 7.6-15KV Single WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - G -7.6-15KV Double WOOD arm	Power									
CF ARM	Power									
Plus conductor	Power									
120 - H -7.6-15KV WOOD Sidearm-single	Power									
CF ARM	Power									
Plus conductor	Power									
120 - I 7.6-15KV WOOD Sidearm-Double	Power									
CF ARM	Power									
Plus conductor	Power									
120 -J Crossarms-WOOD, standard line-16-115KV Single arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -K Crossarms-WOOD, standard line-16-115KV Double arm	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brckets	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
120 -M Crossarms- WOOD , standard line-16- 115KV Sidearm single	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
120 -N Crossarms- WOOD , standard line-16- 115KV Sidearm Double	Power									
CF ARM	Power									
16-34KV	Power									
66-115KV	Power									
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.										
121 -A Pole top ext. incl.arms/6-7 ft ext	Power									
Plus conductor	Power									
121 -B Pole top ext. incl.arms/8-9 ft ext	Power									
Plus conductor	Power									
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 -A Insulators incl. Pins/hardware/0-7.5KV pin type ea	Power									
122 -B Insulators incl. Pins/hardware/11 or 16KV pin type ea	Power									
122 -C Insulators incl. Pins/hardware/34KV pin type ea	Power									
122 -D Insulators incl. Pins/hardware/66KV pin type ea	Power									
122 -E Insulators incl. Pins/hardware/11 and 16KV post type ea	Power									
122 -F Insulators incl. Pins/hardware/34KV post type ea	Power									
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power									
122 -H Insulators incl. Pins/hardware/34- 115KV suspension (strain)	Power									
122 - I to P										
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -B	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500v.primary							
123 -C	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul							
123 -D	Power		Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul							
123 -E	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul							
123 -F	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul							
123 -G	Power		Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul							
123 -H	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul							
123 -I	Power		Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul							
123 -J	Power		Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.							
123 -K	Power		Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.							
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power									
Add \$127 for each additional insulator on items (e) to (f).	Power									
Add \$143 for each additional insulator on item (g).	Power									
Add \$183 for each additional insulator on item (h).	Power									
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power									
124 -A	Power		Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole							
Plus conductor ea.	Power									
124 -B	Power		Racks/Brackets,secondary - Bracket, triplex							

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Plus triplex conductor ea.	Power									
125 -ground assembly, complete	Power		Power only 6/19/2018							
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-A Support: single insulator, fiberglass	Power									
126-B Support: Double insulator, fiberglass	Power									
126-C Support: Triple insulator, fiberglass	Power									
126-D Support: Pole Top insulator, fiberglass	Power									
127 Support, single dead end fiberglass	Power									
128-A Insulator mounting bracket- single(vert or Hort)	Power									
128-B Insulator mounting bracket- Double(vertical)	Power									
128-C Insulator mounting bracket-Single over 40KV	Power									
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power									
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power									
130 Double circuit sidemount insulators- Dreyfuss sunburst	Power									
131 Insulator assembly bracket for endarm mounting	Power									
132-A mounting bracket: two transformers	Power									
132-B mounting bracket: three transformers	Power									
NOTE: Refer to Item 120 for conductor cost.										
149 - Installation of power line equip. not listed- Special Agreement 1.2.										
Installation Costs - Communication Circuits										
159-Semi-circular cable guard ("U" guard): installation	Communication									
160 - A Crossarms- single wood service	Communication									
160-B Crossarms- Double wood service	Communication									
160-C Crossarms/Composite Fiberglass Arm	Communication									
160-D Crossarms- Attach to existing arm no charge	Communication									
161 - A Guardarm- single wood service	Communication									
161-B -Guardarms- Double wood service	Communication									

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
161-C -Guardarms-Composite Fiberglass	Communication									
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication									
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication									
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication									
CF ARM	Communication									
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication									
164 - E Cable arm(install or atch to existing)-Attache to existing cable arm-NO CHARGE	Communication									
165 - Cable attached direct to interset pole, each	Communication									
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication									
167 - A Messenger without cable - single arm	Communication									
167 - B Messenger without cable - Double arm	Communication									
167 - C Messenger without cable - Extension arm	Communication									
167 - D Messenger without cable - Direct to pole	Communication									
167 -E Messenger without cable - additional messenger	Communication									
168 - Multiple distribution service wire attached to pole/arm	Communication									
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication									
NOTE: Billing is optional, depending on policy of utility.										

Item Number	Power/Comm/Both	Date Discussed	2019-2020 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
170 - Bonding to secondary neutral ground, per pole	Communication									
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.										
Legend:		= Do not enter price								
Column/Element Definitions										
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.										
Column 2: <u>Power/Communication/Both</u> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.										
Column 3: <u>Direct Labor (loaded)</u> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.										
Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.										
Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.										
Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.										
Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.										
Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.										
Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.										
*** 08/16/2016: Item 19 authorized cost calculation is determined by:										
1. Labor required in preparation to relocate top portion of the old pole.										
2. Relocation and support of the top portion of the old pole.										
3. Include the cost associated with supporting cables and conductors.										

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 8/8/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) 8/8/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) 8/8/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
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2019 DEFINITIONS OF POLE PRICE ELEMENTS

1. **Pole Length** - Pole price elements are based upon the length, class of pole or groundline moment of pole set in a joint use situation.
2. **Direct Labor (Loaded)** – The AVERAGE non-premium hourly rate of field worker (shown in US dollars) that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is the average between the high and the low hourly rate of the labor classification (or title) directly involved in setting the pole.
3. **Transport and Handling** – The AVERAGE amount of time (in hours and/or quarter-hour increments) directly related to the workers who load a pole onto a pole dolly, transport to the job site and return to the yard.
4. **Digging and Erecting** – The AVERAGE amount of man-hours of an average-sized crew for each company to excavate the pole hole, erect the pole, plumb the pole, backfill and compaction tamp the pole in place. The average total man-hours include setup and take down of the work operation per the WATCH manual. Excludes hand-digging and inaccessible to setting equipment costs. (revised 05/16/2017)
5. **Total Direct Labor (Loaded)** – This is calculated by multiplying direct labor (loaded) rate in column #2 times the hours in column #3 and column #4 on the Pole Price Matrix Worksheet. The total direct labor (loaded) is calculated by then summing or adding the results of these calculations together.
6. **Material Cost (F.O.B.) Pole** – The AVERAGE material expense (in US dollars including sales tax and transportation costs from supplier) of a pole delivered to the first destination point (usually a purchaser’s construction yard).
7. **Supply Expense** – The average expense for storing the pole prior to use (shown in US dollars), i.e., cost of storage (inventory expense). This is usually derived or calculated as a percentage of material cost of the pole. If the Supply Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General & Administrative), use the appropriate designator provided in the “NOTES” of the Pole Price Matrix Worksheet to show under which pricing element these costs are already included.

8. **Equipment Expense** – The expense (shown in US dollars) of the equipment directly used in the placement or replacement of a jointly owned pole. The expenses should include fuel, oil, and average maintenance costs. For example, a combination digger/derrick vehicle, aerial personnel lift and direct supervision pickup truck is commonly associated with the pole replacement activity. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General & Administrative), use the appropriate designator provided in the “NOTES” of the Pole Price Matrix Worksheet to show under which pricing element these costs are already included.
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10. **General and Administrative** – The average expense for additional labor (shown in US dollars) for direct clerical support, direct supervision of the field crew and indirect supervision of the crew placing the pole. This is usually derived or calculated as a percentage of Direct Labor Rate.
11. **Total Cost** – The total cost to set/replace a jointly owned pole (shown in US dollars). The Total Cost is calculated by summing or adding together the dollar values shown in columns #5, #6, #7, #8, #9, and #10 of the Pole Price Matrix Worksheet.
12. **Total Number of Joint Poles Set and Billed** – This is the number of jointly owned poles set and billed by a member utility in the previous calendar year. The SCJPC provides the total number. (revised 11/17/2017)

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

September 18, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:34 a.m. at the Committee office. Those in attendance were:

Mr. Josh Mathisen – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Mr. Earle Gerard Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Samantha Carrillo – Time Warner
Mr. Daniel Luty – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Cory Crawford – AT&T California
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Chrys Champlin - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lynn Prescott – Verizon Wireless
Ms. Jaclyn Puga – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Racheal Torres – Mobilitie
Ms. Linda Paradise – AT&T California
Mr. Iman Yossi Torbati – City of Vernon
Ms. Megan Stewart – Frontier Communications
Mr. Sven Knauth – City of Burbank
Mr. Gabriel Rosales - AT&T California
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Mr. Mathisen called the meeting to order at 11:34 a.m.

Agenda Item 1 - Review of prior month's minutes: No changes.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Due date is October 31, 2018.

Agenda Item 3 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) – Mr. Knauth explained he has an issue with unauthorized members not completed pole loading in a timely manner. Mr. Brown agreed and feels the base owner should be able to charge the unauthorized member for pole loading if they do not complete it in a timely manner. Ms. Hernandez suggested adding item 14C to the Authorized Cost Matrix. She then suggested the committee work on the verbiage and a dollar amount. Mr. Mathisen and Mr. Williams both feel the committee has to be very specific about when a utility can charge for pole loading. Mr. Knauth feels unauthorized members should be given the opportunity to load the pole. He also expressed City of Burbank does not want to take on the responsibility of loading poles with unauthorized users attached. Mr. Mathisen agreed and informed the committee that the unauthorized member has an obligation to the CPUC to do the loading on the pole. After some discussion, Ms. Hernandez asked Mr. Mathisen is he could access the Routine Handbook for the Northern JPC so the committee can review the verbiage they used for pole loading charges. Mr. Mathisen accessed the handbook and gave the committee a brief review of all 4 pages. He quoted a portion that he felt would be helpful “If a member chooses to request a non-constructing member at the time of submitting their preliminary form 2 to calculate and reply with their facility load, the approval time frames shall not apply. The member being requested to provide pole loading calculations shall be compensated to calculate their facility load per pole and anchor at billing rate item 19Q”. Mr. Mathisen then explained there is a section that explains what to do if the initiating member loads the recipient incorrectly. If they over estimate then there is no charge. If the pole load calculation indicates a class 3 pole is need, but what is actually needed is an H1pole class then the initiating member will pay the recipient for the mistake. Mr. Williams asked the committee what they felt the time frame should be for the unauthorized member to complete the pole loading before the base owner completes the pole loading and bills them for it. Mr. Williams suggested the committee remove this item from Authorized Costs and send it to Routine Revision. Once the verbiage is concrete the Routine Revision committee will move it back to Authorized Cost for pricing. The committee agreed.

Agenda Item 4 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Due date is October 31, 2018.

Agenda Item 5 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until members have submitted prices.

Agenda Item 6 - Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. There were none.

Agenda Item 7 - Review of Action Items:

- Committee to work on Pole Prices for 2019. Due Date is October 31, 2018.
- Committee to work on Authorized Costs Pricing for 2019-2020. Due date is October 31, 2018.
- **Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 AC (4/17/18)**, will be moved to Routine Revision Agenda.

The ad hoc meeting adjourned at 11:54 a.m.

The next meeting is scheduled for October 16, 2018.

Jenny Silva – Committee Staff

2019 DEFINITIONS OF POLE PRICE ELEMENTS

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2. **Direct Labor (Loaded)** – The AVERAGE non-premium hourly rate of field worker (shown in US dollars) that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is the average between the high and the low hourly rate of the labor classification (or title) directly involved in setting the pole.
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11. **Total Cost** – The total cost to set/replace a jointly owned pole (shown in US dollars). The Total Cost is calculated by summing or adding together the dollar values shown in columns #5, #6, #7, #8, #9, and #10 of the Pole Price Matrix Worksheet.
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2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
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(****) 9/12/2018 Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
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2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
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90'		0	0	0	0						0	
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50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
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90'		0	0	0	0						0	
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		0	0	0	0						0	

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For Ductile Iron Pole Set/ Replacement

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 October 31, 2018

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
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70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. Material cost must be provided to be included in pole prices. 05/16/2017

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

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Member Code & Company Name:								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
POLE MAINTENANCE AND MISCELLANEOUS -----								
1-Trenching/Moving 30'-35' WITH supply	Power			0				0
1-Trenching/Moving 40'-45' WITH supply	Power			0				0
1-Trenching/Moving 50'- 55' WITH supply	Power			0				0
1-Trenching/Moving 60'-65' WITH supply	Power			0				0
1-Trenching/Moving 70'-75' WITH supply	Power			0				0
1-Trenching/Moving 80'-85' WITH supply	Power			0				0
1-Trenching/Moving 90'-95' WITH supply	Power			0				0
1-Trenching/Moving 100' WITH supply	Power			0				0
2-Trenching/Moving 30'-35' WITHOUT supply	Communication			0				0
2-Trenching/Moving 40'-45' WITHOUT supply	Communication			0				0
2-Trenching/Moving 50'-55' WITHOUT supply	Communication			0				0
3- Lowering/Raising to Grade (one operation) 30'-35'	Both			0				0
3- Lowering/Raising to Grade (one operation) 40'-45'	Both			0				0
3- Lowering/Raising to Grade (one operation) 50'-55'	Both			0				0
3- Lowering/Raising to Grade (one operation) 60'-65'	Both			0				0
3- Lowering/Raising to Grade (one operation) 70'-75'	Both			0				0
3- Lowering/Raising to Grade (one operation) 80'-85'	Both			0				0
3- Lowering/Raising to Grade 90'-95'	Both			0				0
3- Lowering/Raising to Grade (one operation) 100'	Both			0				0
4- Straightening in Earth 30'-35'	Both			0				0
4- Straightening in Earth 40'-45'	Both			0				0
4- Straightening in Earth 50'-55'	Both			0				0
4- Straightening in Earth 60'-65'	Both			0				0
4- Straightening in Earth 70'-75'	Both			0				0
4- Straightening in Earth 80'-85'	Both			0				0
4- Straightening in Earth 90'-95'	Both			0				0
4- Straightening in Earth 100'	Both			0				0
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both			0				0
5-B Removing From Service:Transporting	Both			0				0
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both			0				0
5-D Removing From Service: Disposal	Both			0				0
5-E Removing from service: Lowering	Both			0				0
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both			0				0
6-A Pole Stubbing 8 Ft metal truss	Power			0				0
6-B Pole Stubbing 10-11 Ft metal truss	Power			0				0
6-C Pole Stubbing 11 Ft metal truss	Power			0				0
6-D Pole Stubbing 12 Ft metal truss	Power			0				0
6-E Pole Stubbing 13 Ft metal truss	Power			0				0
6-F Pole Stubbing 14 Ft metal truss	Power			0				0
6-G Pole Stubbing 15.5 Ftmatal truss	Power			0				0
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power			0				0
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power			0				0
6-J Pole Stubbing: ET (Extended) Truss	Power			0				0
7 - Intentionally left blank								
8-A Semi Cir. Pole Guards - Installation	Both			0				0

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
8-B Semi Cir. Pole Guards - Transferring	Both			0				0
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)								
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both			0				0
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			0				0
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both			0				0
10 Title: Sidewalk/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)								
10-A Cement break and temporary repair	Both			0				0
10-B Asphalt break & repair	Both			0				0
10-C Cement saw cut brk&repair-based on 25 square feet	Both			0				0
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			0				0
10-E ADA accessible ramp	Both			0				0
11-Joint Rights of Way-by special agreement								
12-A -Reserved for future use								
12-B Pole Inspect/Treat-Partial Dig	Power			0				0
12-C Pole Inspect/Treat-Sound&Bore	Power			0				0
12-D Pole Inspect/Treat-Full Treatment	Power			0				0
12-E Pole Inspect/Treat-Reject	Power			0				0
Note: May only billed once every 5 years								
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power			0				0
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power			0				0
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both			0				0
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.								
13-D Traffic Control (By Special Agreement Section 1.2)								
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both			0				0
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both			0				0
15-A Pole Marking-Tagging	Both			0				0
15-B Pole Marking-Visibility Strips	Both			0				0
16-A Backhoe 2/hr minimum	Both			0				0
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both			0				0
17 Title: Wood Pole Fiberglass wrap restoration:								
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power			0				0
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power			0				0

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
17-C Wood pole fiberglass wrap-pole set in concrete- (inc \$245 concrete/8-ft standard)	Power			0				0
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power			0				0
18-A ModPole Material & Installation 9'	Power			0				0
18-B ModPole Material & Installation 14'	Power			0				0
18-C ModPole Material & Installation 18'	Power			0				0
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both			0				0
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both			0				0
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both			0				0
TRANSFER COSTS GUY WIRES -----								
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:								
20- A All types and sizes, each end	Both			0				0
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both			0				0
20-C Insulator relocation	Both			0				0
TRANSFER COSTS - POWER CIRCUITS -----								
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:								
21 - A 0-7.5 kv single Arm (includes service arm)								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - B 0-7.5 kv double arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - C 0-7.5 kv double arm with reinforcing bracket								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - D 0-7.5kv sidearm - single								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - E 0-7.5kv sidearm - double								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - F 7.6-15kv single arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
21 - G 7.6-15kv double arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - H 7.6-15kv sidearm - single								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - I 7.6-15kv sidearm - double								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - J 16-34kv single arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - K 16-34kv double arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - L 16-34kv double arm with reinforcing bracket								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - M 16-34kv sidearm - single								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - N 16-34kv sidearm - double								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - O 66-115kv single arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - P 66-115kv double arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
21 - Q 66-115kv steel arm								
Transfer Arm	Power			0				0
Transfer Conductor (splicing required)	Power			0				0
Transfer Conductor (no splicing)	Power			0				0
NOTE: Add Item 24 for bonding cost.								

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
<p>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.</p>								
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:								
22-A 0-750 volt secondary	Power			0				0
22-B 750-7,500 volt primary	Power			0				0
22-C 7.6-115kv - 1 or 2 strain insulators	Power			0				0
22-D 7.6-115kv - 3 or 4 strain insulators	Power			0				0
22-E 7.6-115kv - 5 or 6 strain insulators	Power			0				0
<p>NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost</p>								
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)								
23-A Flat to vertical 7.5-115kv single arm per pole	Power			0				0
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power			0				0
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power			0				0
23-B Flat to vertical 7.5-115kv double arm per pole	Power			0				0
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power			0				0
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power			0				0
NOTE: Cost of rebonding is included in above prices.								
24 - A Bonding Per Pole: Single circuit-all voltages	Power			0				0
24 - B Bonding Per Pole: Double circuit-all voltages	Power			0				0
25 - Ground Wire, Incl. protective covering	Power			0				0
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)								
27 - A Racks & brackets-secondary/3-4 wire to pole	Power			0				0
Plus Conductor ea.	Power			0				0
27 - B Bracket, Triplex	Power			0				0
Plus Triplex conductor	Power			0				0
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 - A Service Conductors - Transferring, raising or lowering: #4 conductor of smaller	Power			0				0
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power			0				0
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power			0				0

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
29- A Transformers 1-1/2 to 25 KVA each	Power			0				0
29- B Transformers 30 to 167 KVA each	Power			0				0
29- C Mounting Brackets, two transformers	Power			0				0
NOTE: 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.								
30-A Capacitors/capacitor bank switched	Power			0				0
30-B Capacitors/capacitor bank non-switched	Power			0				0
31-A Street Lights Ctr Susp type-span end	Power			0				0
31-B Street Lights Ctr Susp type-Feed end	Power			0				0
31-C Street Lights Gooseneck or brket type open wire	Power			0				0
31-D Street Lights Gooseneck or brket type Conduit on pole	Power			0				0
31-E Street Lights Mast arm type	Power			0				0
31-F Street Lights Pole top pin and insulator-single	Power			0				0
31-G Street Lights Pole top pin and insulator-Double	Power			0				0
32 Meter of Time Switch Control Box (Price by field agreement)								
33-A Support single insulator fiberglass	Power			0				0
33-B Support Double insulator fiberglass	Power			0				0
33-C Support Triple insulator fiberglass	Power			0				0
33-D Support Pole Top insulator fiberglass	Power			0				0
34 Support, single deadend fiberglass	Power			0				0
35-A Insulator mounting brkets-single(vertical or horizontal)	Power			0				0
35-B Insulator mounting brkets-Double(vertical)	Power			0				0
35-C Insulator mounting brkets-Single, over 40KV	Power			0				0
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power			0				0
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power			0				0
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power			0				0
38- Insulator assembly bracket for endarm mountings NOTE: Refer to Item 21 for conductor cost	Power			0				0
39 - Stand-off brackets for jointly used risers (new item)	Power			0				0
40 - Transferring risers (new item)	Power			0				0
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (<i>special agreement</i>)								
TRANSFER COSTS - COMMUNICATION CIRCUITS -----								
74- Semi-circular cable guard ("U" guard): transferring	Communication			0				0
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication			0				0
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication			0				0

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication			0				0
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication			0				0
79 -Multiple Distribution Service Wire on line pole	Communication			0				0
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication			0				0
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication			0				0
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication			0				0
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication			0				0
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication			0				0
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication			0				0
NOTE: The above prices do not include cable terminals.								
83-A Cable attached direct to pole (complete)	Communication			0				0
83-B Cable attached (additional work required) (new item)	Communication			0				0
84-A Messenger reinforcing units-Strap each	Communication			0				0
84-B Messenger reinforcing units-Link each	Communication			0				0
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication			0				0
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication			0				0
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication			0				0
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication			0				0
86 -Messenger dead end, all sizes-with or without cable	Communication			0				0
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication			0				0
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication			0				0
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication			0				0
88 -Multiple Distribution Wire terminal Transfer	Communication			0				0
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):								
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication			0				0
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication			0				0
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication			0				0
NOTE-When necessary to use multiple distribution stub, add the following to cost above;								

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication			0				0
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-A Cable Splicing/per splice/per pair=18 pr	Communication			0				0
91-B Cable Splicing/per splice/per pair=25 pr	Communication			0				0
91-C Cable Splicing/per splice/per pair=50 pr	Communication			0				0
91-D Cable Splicing/per splice/per pair=100 pr	Communication			0				0
91-E Cable Splicing/per splice/per pair=200 pr	Communication			0				0
91-F Cable Splicing/per splice/per pair=300 pr	Communication			0				0
91-G Cable Splicing/per splice/per pair=400 pr	Communication			0				0
91-H Cable Splicing/per splice/per pair=600 pr	Communication			0				0
91-I Cable Splicing/per splice/per pair=700 pr	Communication			0				0
91-J Cable Splicing/per splice/per pair=800 pr	Communication			0				0
91-K Cable Splicing/per splice/per pair=900 pr	Communication			0				0
91-L Cable Splicing/per splice/per pair=1200 pr	Communication			0				0
Note: 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	Communication			0				0
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. (Sec 1.2 by special agreement)								
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication			0				0
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication			0				0
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication			0				0
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication			0				0
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication			0				0
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication			0				0
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication			0				0
94-A-8 Any size above and beyond by special agreement Section 1.2								
97- Transfer meter curcuit breaker box/disconnect box	Communication			0				0
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 -----								

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both			0				0
110 - B Guy wire complete Make-up-Anchor guy	Both			0				0
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both			0				0
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both			0				0
110 - E Guy wire comp. Make-up-Guy guards	Both			0				0
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 - A Anchors-expanding plate(Hand Dig)	Both			0				0
111 - B Anchors-expanding plate(Truck access)	Both			0				0
111 - C Anchors-PISA screw anchor	Both			0				0
111 - D Anchors-Hydraulically driven (mantaray)	Both			0				0
111 - E Anchors-Concreting an anchor	Both			0				0
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both			0				0
111 - G Anchors-Existing anchor purchase (Rear property)	Both			0				0
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both			0				0
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 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both			0				0
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both			0				0
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both			0				0
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both			0				0
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 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both			0				0
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both			0				0
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both			0				0
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both			0				0
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both			0				0
116 - B Breast blocking only, new or existing pole-w/concrete block	Both			0				0
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both			0				0
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).								

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
INSTALLATION COSTS - POWER CIRCUITS -----								
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)								
120 - A 0-7.5KV single WOODEN arm	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - B 0-7.5KV Double WOODEN arm	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - D 0-7.5KV WOODEN Sidearm-single	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - E 0-7.5KV WOODEN Sidearm-Double	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - F 7.6-15KV Single WOODEN arm	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - G -7.6-15KV Double WOODEN arm	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - H -7.6-15KV WOODEN Sidearm-single	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - I 7.6-15KV WOODEN Sidearm-Double	Power			0				0
CF ARM	Power			0				0
Plus conductor	Power			0				0
120 - J Crossarms- WOODEN , standard line-16-115KV Single arm	Power			0				0
CF ARM	Power			0				0
16-34KV	Power			0				0
66-115KV	Power			0				0
120 - K Crossarms- WOODEN , standard line-16-115KV Double arm	Power			0				0
CF ARM	Power			0				0
16-34KV	Power			0				0
66-115KV	Power			0				0
120 - L Crossarms- WOODEN , standard line-16-115KV Double arm w/rein brackets	Power			0				0
CF ARM	Power			0				0
16-34KV	Power			0				0
66-115KV	Power			0				0

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
120 -M Crossarms- WOODEN , standard line-16-115KV Sidearm single	Power			0				0
CF ARM	Power			0				0
16-34KV	Power			0				0
66-115KV	Power			0				0
120 -N Crossarms- WOODEN , standard line-16-115KV Sidearm Double	Power			0				0
CF ARM	Power			0				0
16-34KV	Power			0				0
66-115KV	Power			0				0
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.								
121. Pole top extensions, including arms (pins and insulators are extra):								
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power			0				0
Plus conductor each	Power			0				0
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power			0				0
Plus conductor each	Power			0				0
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 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power			0				0
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power			0				0
122 -C Insulators including pins and hardware: 34kV pin type each	Power			0				0
122 -D Insulators including pins and hardware: 66kV pin type each	Power			0				0
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power			0				0
122 -F Insulators including pins and hardware: 34kV post type each	Power			0				0
122 -G Insulators including pins and hardware: 66kV post type each	Power			0				0
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power			0				0
122 - I Silicone Insulators 0-7.5kV pin type, each	Power			0				0
122 - J Silicone Insulators 11 or 16kV pin type, each	Power			0				0
122 - K Silicone Insulators 34kV pin type, each	Power			0				0
122 - L Silicone Insulators 66kV pin type, each	Power			0				0
122 - M Silicone Insulators 11 and 16kV post type, each	Power			0				0
122 - N Silicone Insulators 34kV post type, each	Power			0				0
122 - O Silicone Insulators 66kV post type, each	Power			0				0

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power			0				0
123. Dead ends, on arm or direct to pole, per each strain dead end:								
123 -A 0-750 volt secondary	Power			0				0
123 -B 750-7,500 volt primary	Power			0				0
123 -C 11 or 16KV-1 strain insulator	Power			0				0
123 -D 11 or 16KV-2 strain insulators	Power			0				0
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power			0				0
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power			0				0
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power			0				0
123 -H 66 to 115kv - 4/0 conductor or smaller - 4 insulators	Power			0				0
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power			0				0
123 -J 750-7500 volt primary silicone insulators	Power			0				0
123 -K 34KV - silicone insulators	Power			0				0
NOTE:								
Add \$74 for each additional insulator on items (c) to (d).	Power			0				0
Add \$165 for each additional insulator on items (e) to (f).	Power			0				0
Add \$180 for each additional insulator on item (g).	Power			0				0
Add \$246 for each additional insulator on item (h).	Power			0				0
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power			0				0
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power			0				0
Plus conductor ea.	Power			0				0
124 -B Racks/Brackets,secondary - Bracket, triplex	Power			0				0
Plus triplex conductor ea.	Power			0				0
125 - Ground assembly, complete <i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>	Power			0				0
126-A Support: single insulator, fiberglass	Power			0				0
126-B Support: Double insulator, fiberglass	Power			0				0
126-C Support: Triple insulator, fiberglass	Power			0				0
126-D Support: Pole Top insulator, fiberglass	Power			0				0
127 Support, single dead end fiberglass	Power			0				0
128-A Insulator mounting bracket-single(vertical or horizontal)	Power			0				0
128-B Insulator mounting bracket-Double(vertical)	Power			0				0
128-C Insulator mounting bracket-Single over 40KV	Power			0				0
129-A Steel Crossarm, squirrel cage bracket, including insulator-Single	Power			0				0
129-B Steel Crossarm, squirrel cage bracket, including insulator-Double	Power			0				0
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power			0				0
131 Insulator assembly bracket for endarm mounting	Power			0				0
132-A mounting bracket: two transformers	Power			0				0

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power			0				0
149 - Installation of power line equip. not listed-Special Agreement 1.2.								
INSTALLATION COSTS - COMMUNICATION CIRCUITS -----								
159 -Semi-circular cable guard ("U" guard): installation	Communication			0				0
160. Crossarms: (For installation or attachment to existing with service wire only):								
160-A Crossarms-single wood service	Communication			0				0
160-B Crossarms-Double wood service	Communication			0				0
160-C Crossarms-Composite Fiberglass Arm	Communication			0				0
160-D Crossarms-Attach to existing arm no charge	Communication							
161. Guard arms: (For installation or attachment to existing with service wire only):								
161-A Guard arms-single wood service	Communication			0				0
161-B -Guard arms-Double wood service	Communication			0				0
161-C -Guard arms-Composite Fiberglass	Communication			0				0
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:								
163 - A Drive hook with one wedge grip unit	Communication			0				0
163 - B Additional wedge grip units on same hook, each	Communication			0				0
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication			0				0
CF ARM	Communication			0				0
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication			0				0
CF ARM	Communication			0				0
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication			0				0
CF ARM	Communication			0				0
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication			0				0
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE								
165 - Cable attached direct to interset pole, each	Communication			0				0
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication			0				0
167 - A Messenger without cable - single arm	Communication			0				0
167 - B Messenger without cable - Double arm	Communication			0				0
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication			0				0
167 - D Messenger without cable - Direct to pole	Communication			0				0
167 -E Messenger without cable - additional messenger	Communication			0				0
168 - Multiple distribution service wire attached to pole or arms	Communication			0				0

**SCJPC Authorized Cost Matrix Worksheet
Effective January 2019**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power or Communication or Both	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication			0				0
NOTE: Billing is optional, depending on policy of utility.								
170 - Bonding to secondary neutral ground, per pole	Communication			0				0
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.								
		LEGEND:		= Do not enter price				
				= Notes, do not enter price				
Column/Element Definitions								
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.								
Column 2: <u>Power/Communication/Both</u> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.								
Column 3: <u>Direct Labor (loaded)</u> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.								
Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.								
Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.								
Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.								
Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.								
Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.								
Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.								
*** 08/16/2016: Item 19 authorized cost calculation is determined by:								
1. Labor required in preparation to relocate top portion of the old pole.								
2. Relocation and support of the top portion of the old pole.								
3. Include the cost associated with supporting cables and conductors.								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

October 18, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:38 a.m. at the Committee office. Those in attendance were:

Mr. Josh Mathisen – AT&T California
Ms. Valerie Mitwasi – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles – DWP
Mr. Bret Plaskey – Frontier Communications
Ms. Glenn Leckie – Frontier Communications
Ms. Maria Ortiz – XO Communications
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Aarize Dizon - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Marina Birarova - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Samantha Carrillo – Time Warner
Ms. Cory Crawford – AT&T California
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Lynn Prescott – Verizon Wireless
Ms. Jaclyn Puga – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Racheal Torres – Mobilitie
Ms. Linda Paradise – AT&T California
Mr. Iman Yossi Torbati – City of Vernon
Mr. Sven Knauth – City of Burbank
Ms. Marcy Quayle – Extenet Systems
Francis Fatigati – AT&T California

Authorized Cost – October 18, 2018

Mr. Mathisen called the meeting to order at 10:38 a.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Due date is October 31, 2018. Hold for next month.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Due date is October 31, 2018. Hold for next month.

Agenda Item 4 – Review of Authorized Costs 2019-2020 Prices (placeholder) – On hold until members have submitted prices.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. There were none.

Agenda Item 7 - Review of Action Items:

- Committee to work on Pole Prices for 2019. Due Date is October 31, 2018.
- Committee to work on Authorized Costs Pricing for 2019-2020. Due date is October 31, 2018.

The ad hoc meeting adjourned at 10:40 a.m.

The next meeting is scheduled for November 20, 2018.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
279 E. Arrow Hwy, Suite 104
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November 20, 2018

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:15 p.m. at the Committee office. Those in attendance were:

Mr. Josh Mathisen – AT&T California
Mr. Wayne Brown – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles – DWP
Mr. Bret Plaskey – Frontier Communications
Ms. Glenn Leckie – Frontier Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Cory Crawford – AT&T California
Ms. Shawn Henderson – T-Mobile
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Jaclyn Puga – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Mr. Sven Knauth – City of Burbank
Ms. Francis Fatigati – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Samantha Carrillo – Time Warner
Mr. Brandon Robinson – City of Banning
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Mr. Mathisen called the meeting to order at 1:15 p.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) & Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices) – At this time the committee is still waiting on submissions from multiple members. Mr.

Mathisen asked Ms. Pranata how long we are supposed to wait and how do we know which members are actually submitting Authorized Costs and Pole Prices. Ms. Pranata informed the committee she usually compares this year's submission to those submitted last year. She then follows up with the members that submitted pricing last year and have not yet submitted pricing for the current year. Usually the Authorized Cost Committee will extend the submission deadline for these members. After some discussion the committee decided to move the submission deadline to December 31st, 2018 for Authorized Costs and Pole Prices. Mr. Mathisen then asked Ms. Pranata to add the new items to the discussion board for the Administrative Board Meeting. This item will be revisited next month.

Agenda Item 4 – Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. He then asked the committee if they would like to discuss pole loading costs. Mr. Mathisen then informed the committee they had already assigned item 14 to pole loading. Ms. Pranata then informed the committee item 14 currently states – Failure to Final JPA Administrative Fee (per pole cost). After some discussion the committee decided to line out “Failure to Final” so it will read JPA Administrative Fees (per pole cost). Items will read as follows: Item 14A – Failure to Final JPA: Including correction of records. Item 14B – Failure to Final JPA: Field verification only. 14C – Failure to Submit Pole Loading by Unauthorized member (see Sec 4.1). Ms. Pranata then asked the committee when they would like her to add this item to the Authorized Cost Matrix and notify the committee they need to provide a cost for this new item. Mr. Mathisen suggested adding it to the Administrative Board Meeting Agenda for approval.

Agenda Item 7 - Review of Action Items:

- Committee to work on Pole Prices for 2019. Due Date extended to December 31, 2018.
- Committee to work on Authorized Costs Pricing for 2019-2020. Due date extended to December 31, 2018.
- Put item **1653: New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18)** back on the agenda.

The ad hoc meeting adjourned at 1:27 p.m.

The next meeting is scheduled for January 15, 2019.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions**

Member Code	Member Name	2019-2020 Auth Costs	2019 Individual	2019 Weighted Average	2019 Comments	2017-2018 Auth Costs	2018 Individual	2018 Weighted Average	2018 Comments	
1	E Edison					AC	I			E
2	FTR Frontier Communications					AC	I			FTR
3	H AT&T CA	AC	I			AC	I			H
4	M City of LA					AC	I			M
5	NG Crown Castle NG West Inc.								Did not submit 2018 pole prices	NG
6	ATC Verizon Wireless			WA		AC		WA		ATC
7	J City of Riverside								Did not submit 2018 pole prices	J
8	D City of Anaheim								Did not submit 2018 pole prices	D
9	TCA Teleport Comm. America, LLC			WA		AC		WA		TCA
10	A City of Glendale								Did not submit 2018 pole prices	A
11	ATS MCI Metro/ATS								Did not submit 2018 pole prices	ATS
12	B City of Burbank		I				I			B
13	MP City of Pasadena						I			MP
14	TWC Time Warner Cable							WA		TWC
15	SCW Golden State Water	AC	I			AC	I			SCW
16	LAC AT&T Mobility		I			AC	I			LAC
17	NXT XO Communications					AC		WA		NXT
18	F City of Colton								Did not submit 2018 pole prices	F
19	MA City of Azusa								Did not submit 2018 pole prices	MA
20	COB City of Banning								Did not submit 2018 pole prices	COB
21	LLW City of Lompoc		I			AC	I			LLW
22	MCI MCI Telecomm								Did not submit 2018 pole prices	MCI
23	V City of Vernon	AC					I		First year to publish Individual Price in 2018. Historically included in Weighted Average	V
24	NPN NewPath Networks								Did not submit 2018 pole prices	NPN
25	SPR Sprint Nextel Corp.			WA		AC		WA		SPR
26	ICG Mpower Comm								Did not submit 2018 pole prices	ICG
27	PBM T-Mobile USA							WA		PBM
28	FON Sprint Comm, LP			WA		AC		WA		FON
29	EXT ExteNet Systems			WA	First time submission 2019 pole prices				Did not submit 2018 pole prices	EXT
30	CCI CA-CLEC LLC								Did not submit 2018 pole prices	CCI
31	AMT ATC-Outdoor DAS, LLC								Did not submit 2018 pole prices	AMT
32	MOB Mobilite, LLC								Did not submit 2018 pole prices	MOB
	Total Submitted Costs	3	5	5		12	10	7		
		2019-2020 Auth Costs	2019 Individual	2019 Weighted Average		2017-2018 Auth Costs	2018 Individual	2018 Weighted Average		

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **AT&T Mobility**

Person completing worksheet: **Y. Johnson**

Call Back Telephone Number & Email: **818-898-2352, yvonne.johnson@cableeng.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	
65'						SEE NOTE BELOW						
70'						SEE NOTE BELOW						
75'						SEE NOTE BELOW						
80'						SEE NOTE BELOW						
85'						SEE NOTE BELOW						
90'						SEE NOTE BELOW						
95'						SEE NOTE BELOW						
100'						SEE NOTE BELOW						
110'						SEE NOTE BELOW						

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

Call Back Telephone Number & Email: **805-875-8223 d_campo@ci.lompoc.ca.us**

***** Weighted Average Individual Costs *****

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

Call Back Telephone Number & Email: **909 866-4678 ext 143**

Weighted Average

Individual Costs **XXXXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66	
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66	
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64	
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58	
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58	
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58	
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58	
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17	
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

(*) Cost Included in Column #2
 (**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **AT&T**

Person completing worksheet: **Cory Crawford**

Call Back Telephone Number & Email: **714-237-6610 / ck1358@att.com**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

***** Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], use the appropriate designator listed below to show under which Price Matrix element those expenses are already included. **Material cost must be provided to be included in pole prices. 05/16/2017**

- (*) Cost Included in Column #2
- (**) Cost Included in Column #6
- (***) Cost Included in Column #10

(*****) Please designate if you choose to publish your costs individually or be included in the weighted average