

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

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)
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

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)
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 brckets	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!

SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 02

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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:														#DIV/0!
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				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	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 PRICE	PROP. 2017	% CHG.
2508	2619	4

40' 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	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 PRICE	PROP. 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	PROP.	%
PRICE	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	PROP.	%
PRICE	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		NO. OF	F.O.B.	TOTAL	
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	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 PRICE	PROP. 2017	% CHG.
3892	2947	-24

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		NO. OF	F.O.B.	TOTAL	
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	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 PRICE	PROP. 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		COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	DOLLARS									F.O.B.
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	5	11840	34322	
	2016	PROP.	%						Wgt Ave		6864				
	PRICE	2017	CHG.												
	7484	6864	-8												

80' 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.
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	4	12840	41175	
	2016	PROP.	%						Wgt Ave		10294				
	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	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	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	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	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	SPR
FON		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118	FON
											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%	NO 2017 PRICES
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES

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 **XXXXXX**

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 (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'	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 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 ft-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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February 14, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:15 am at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
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
Mr. Ed Loescher – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson - AT&T Mobility
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
Ms. Shawn Henderson – T-Mobile USA
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. Lynn Prescott – Verizon Wireless
Ms. Alicia Smith - Sprint Comm/Sprint-Nextel

Ms. Hernandez called the meeting to order at 9:15 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) – Ms. Hernandez explained the committee was waiting for all parties to submit their Authorized Costs so they could then go through each item and compare the average costs to the actual cost submitted for Edison. Some discussion followed. Mr. Williams explained that power companies will always

have higher costs than communication. Some discussion between LADWP, SCE and Frontier followed. Ms. Carmichael explained the reason there is an average is because of the fact that powers costs are higher than communications. Communication no longer sets poles because power companies no longer allow it. Mr. Williams explained LADWP has no issue with Communication replacing poles. Mr. LaBarge explained Edison still does not allow it. Ms. Carmichael said this was not fair since Communication companies have no way of replacing poles when they need to. Mr. LaBarge explained in cases where communication need to replace a pole that is not scheduled to be replaced they can contact the local planning group and pay in full to replace the pole. Mr. LaBarge explained they are compliant with GO165. The committee feel this item needs further discussion before they can make the decision to move forward. The committee also agreed that if they decide to go ahead with individual costs it will not go into effect until 2019.

Agenda Item 3 – Review of Pending Authorized Cost Items –Agenda Item 4 – Item 1611 – Helicopter Costs – Edison presented an hourly cost of \$3700, LADWP is in the process of purchasing a new helicopter. They will report back next month.

Agenda Item 5 - 1612 – Crane Costs – LADWP presented pricing for a 200 ton crane \$108 per hour plus \$360 operator, \$132 driver and \$264 for the support truck. Edison presented pricing for a 90 & 140 ton crane \$350 per hour with the operator and rigger/oiler. Edison also has a 500ton crane but they do not have pricing at this time. Ms. Pranata asked LADWP and Edison to forward her these details via email so he can forward them to the committee for review.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Mr. Cravens explained the hold up with this item is not everyone is in agreeance as to what exactly qualifies as Traffic Control. Ms. Carmichael feels this item needs further discussion. After some discussion Ms. Carmichael and Ms. Hernandez asked Ms. Pranata to change the status of items 13D, 13E and 13F to pending. Ms. Hernandez then asked committee members to submit the Traffic Control Plan that is already included in Pole Prices. Will revisit next month.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal – Under discussion in Routine and currently pending results of the buddy pole spreadsheet. Mr. Brown (SCE) feels it would be best to use NJUNS for the buddy poles. This would allow the members to keep track of the time frame and whether or not a penalty should apply. Ms. Hernandez and Ms. Carmichael both agreed NJUNS would work best. Mr. Brown (LADWP) feels imposing penalties may not work. What would the recourse be if members refuse to pay the penalty? Mr. Brown (SCE) feels the committee has to have a procedure in place to hold parties accountable when they fail to complete a pole removal. Ms. Hernandez suggested continuing with NJUNS for now. Mr. Williams asked if there is a rule against

penalties in the bylaws. Mr. LaBarge explained that as of now there is no rule against penalties and used section 7.13 as an example. He then explained in order for this to change we would have to legal involved to change it. As of now the agreement states the member has 60 days to remove buddy poles. After some discussion Ms. Hernandez suggested adding a new section to the routine handbook. This section would be for the second trip out to the pole and it would allow actual cost to be billed without needing section 1.2. The committee then decided to remove item 1620 – Failure to Complete Pole Removal, from Authorized Cost and move it to Routine Revision. Ms. Hernandez then asked Ms. Pranata to remove the place holder (item 14C) from the Authorized Cost Matrix.

Agenda Item 8 – Review of 2017 Authorized Costs – The committee decided it would be best to review the Authorized Costs separately and report back next month.

Agenda Item 9 – Review of 2017 Pole Prices – The committee decided it would be best to review the Pole Prices separately and report back next month.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Mr. Brown (LADWP) asked the committee if an Authorized Costs or process in place for record research. Ms. Hernandez explained there is a pole record research form they fill out for LADWP and LADWP invoices them for the time it takes to process the requested research. Mr. Cravens explained he has no problem answering the occasional email request for pole records but some of the contractors are taking advantage and sending over a lot of requests. Mr. Brown explained LADWP has a computer available for pole record research and there is no charge for joint pole members to use it. Ms. Hernandez and Ms. Carmichael agreed to talk to their contractors and inform them of the proper procedure for requesting poles.

Review of Action Items:

- Ms. Pranata to send crane costs submitted by SCE and LADWP to all members.
- All members to submit the Traffic Control Plan that is included in their pole prices.
- All members to review 2017 Authorized Costs and Pole Prices and flag any items needing further review or explanation.

The ad hoc meeting adjourned at 10:30 a.m. The next meeting is scheduled for March 14, 2017.

Jenny Silva – Committee Staff

Item Number	Power or Communication or Both P/C	2015-2016 PRICE	SCW 1 Power	LLW 1 Power	H/T 1 Comm	M 1 Power	TCA 1 Comm	ATC 1 Comm	NXT 1 Comm	LAC 1 Comm	SPR 1 Comm	FON 1 Comm	FTR 1 Comm	E 1 Power	Total # of Submitted Price 12	2017-2018 PRICE (formula)
POLE MAINTENANCE AND MISCELLANEOUS																
1-Trenching/Moving 30'-35' WITH supply	Power	2470	2613			1959								3131	3	2568
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449								4175	3	3188
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776								4175	3	3515
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429								4175	3	3841
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245								8350	2	6298
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225								8350	2	6788
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123								8350	2	7237
1-Trenching/Moving 100' WITH supply	Power	7202				6613								8350	2	7482
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	675		7	945
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	810		7	964
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	945		7	1678
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	675	3131	11	1056
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	810	3131	11	1166
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	945	3131	11	1457
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	1080	3131	11	1582
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990		3131	9	1679
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990		4175	9	1932
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990		4175	9	2060
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990		4175	9	2143
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	\$702	2088	11	954
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	\$837	2088	11	1020
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	\$945	2088	11	1112
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440		2088	10	1791
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440		2088	9	1582
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440		4175	9	1843
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440		4175	9	1871
4- Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690		4175	9	3400
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	699	1044	12	914
5-B Removing From Service:Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	219	209	12	283
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	287	522	12	622
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	219	235	11	598
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	219	436	5	265
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							606	4	1473	
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695							763	3	1364	
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960										1385	2	1672	
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286										2064	2	2175	
6-G Pole Stubbing 15.5 Ft metal truss	Power	2308	2286										2388	2	2337	
6-H Pole Stubbing: Addtl metal trusses (all sizes)	Power	773	1306											273	2	790
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							135	212	4	219
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232							135	105	4	150
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	699	2088	12	1535
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	603	821	12	1350

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	427	936	12	1271
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	829	1205	12	999
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																
12-A-Reserved for future use																
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174								51	3	119
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174								41	3	116
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174								69	3	125
12-E Pole Inspect/Treat-Reject	Power	49	133			174								54	3	120
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174								55	3	143
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	64	63	10	283
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	218	164	11	333
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																
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															
13F Crane Cost - pending Item do not enter cost	Both															
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	135	754	11	306
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	136	220	11	164
14-C PENDING Failure to complete Pole Removal (second trip to pole) Needs more discussions 10/18/2016																
14-C PENDING	Both															
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	34	21	12	48
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	3	21	12	48
16-A Backhoe 2/hr minimum	Both	252	305		342	321	270	270	270	270	270	270	7	411	11	273
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	168	205	11	180
17 Title: Wood Pole Fiberglass wrap																
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												1810	1	1810
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												2427	1	2427
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												2428	1	2428
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												116	1	116
18-A ModPole Material & Installation 9'	Power	5635	3025											8323	2	5674
18-B ModPole Material & Installation 14'	Power	6411	3351											9558	2	6455
18-C ModPole Material & Installation 18'	Power	6740	4005											9579	2	6792
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	1080	6263	12	2079
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	1620	8350	12	2452
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	2025	12526	11	3661
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	283	499		256	522	270	270	270	270	270	270	178	391	11	315
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	614	522	11	471
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	178	522	11	262
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)																

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
Transfer Arm	Power	407				604								261	2	433
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - B 0-7.5 kv double arm																
Transfer Arm	Power	791				1159								522	2	841
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - C 0-7.5 kv double arm with																
Transfer Arm	Power	999				2057								652	2	1355
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - D 0-7.5kv sidearm - single																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	391				0								391	1	391
Transfer Conductor (no splicing)	Power	261				0								261	1	261
21 - E 0-7.5kv sidearm - double																
Transfer Arm	Power	1088				1652								652	2	1152
Transfer Conductor (splicing required)	Power	338				408								391	2	400
Transfer Conductor (no splicing)	Power	228				310								261	2	286
21 - F 7.6-15kv single arm																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - G 7.6-15kv double arm																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - H 7.6-15kv sidearm - single																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - I 7.6-15kv sidearm - double																
Transfer Arm	Power	913				0								913	1	913
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - J 16-34kv single arm																
Transfer Arm	Power	1130				947								391	2	669
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - K 16-34kv double arm																
Transfer Arm	Power	1432				1323								652	2	987
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - L 16-34kv double arm with																
Transfer Arm	Power	1714				2224								783	2	1503
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - M 16-34kv sidearm - single																
Transfer Arm	Power	652				0								652	1	652
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - N 16-34kv sidearm - double																
Transfer Arm	Power	1779				1796								913	2	1355
Transfer Conductor (splicing required)	Power	468				767								652	2	710
Transfer Conductor (no splicing)	Power	358				669								522	2	596
21 - O 66-115kv single arm																
Transfer Arm	Power	783				0								783	1	783
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - P 66-115kv double arm																
Transfer Arm	Power	1044				0								1044	1	1044
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - Q 66-115kv steel arm																
Transfer Arm	Power	1090				0								1090	1	1090
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
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	222				343								130	2	237
22-B 750-7,500 volt primary	Power	440				490								522	2	506
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633								783	2	1208

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763								783	2	1273
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								783	1	783
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	2064				2384								1957	2	2170
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384								1396	2	1890
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384								2127	2	2255
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384								1957	2	2170
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384								1396	2	1890
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384								2127	2	2255
NOTE: Cost of rebonding is included in above prices.																
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359								391	2	375
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718								522	2	620
25 - Ground Wire, Incl. protective covering	Power	510				686								391	2	539
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	300				229								391	2	310
Plus Conductor ea.	Power	205				163								261	2	212
27 - B Bracket, Triplex	Power	213				180								261	2	220
Plus Triplex conductor	Power	205				163								261	2	212
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	130				212								65	2	139
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310								130	2	220
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212								130	2	171
29 - A Transformers 1-1/2 to 25 KVA each	Power	2490				3902								2088	2	2995
29 - B Transformers 30 to 167 KVA each	Power	2751				3902								2610	2	3256
29 - C Mounting Brackets, two transformers	Power	298				474								162	2	318
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	4701				3429								6263	2	4846
30-B Capacitors/capacitor bank non-switched	Power	2612				3200								3131	2	3166
31-A Street Lights Ctr Susp type-span end	Power	1177				0								261	1	261
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								548	1	548
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								261	1	261
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571								548	2	560
31-E Street Lights Mast arm type	Power	627				571								731	2	651
31-F Street Lights Pole top pin and insulator-single	Power	143				276								47	2	161
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								70	1	70
32 Meter of Time Switch Control Box (Price by field agreement)																
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								261	2	392

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
35-B Insulator mounting brkts-Double(vertical)	Power	360				1045								391	2	718
35-C Insulator mounting brkts-Single, over 40KV	Power	783				0								783	1	783
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								352	1	352
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								509	1	509
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								6263	1	6263
38- Insulator assembly bracket for endarm mountings	Power	679				349								1044	2	697
NOTE: Refer to Item 21 for conductor cost																
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)																
TRANSFER COSTS - COMMUNICATION CIRCUITS																
74-Semi-circular cable guard ("U" guard): transferring	Communication	265			128		270	270	270	270	270	270	135		8	235
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	101		8	247
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	102		8	255
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	34		8	54
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	3		8	42
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	155		8	103
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	155		8	86
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	68		8	100
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	331		8	411
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	479		8	433
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	331		8	419
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	527		8	447
NOTE: The above prices do not include cable terminals.																
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	178		8	241
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	68		8	219
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	68		8	219
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	331		8	260
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	479		8	282
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	331		8	272
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	527		8	292
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	178		8	249
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	142		8	236
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	594		8	376
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	135		8	335
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	142		8	238
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								240		2	394
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								240		2	298
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								253		2	351

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
NOTE-When necessary to use multiple distribution stub, add the following to cost above:																
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								240		2	399
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	343			160		321	321	321	321	321	321	225		8	289
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	225		8	296
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	361		8	365
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	469		8	547
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	854		8	840
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	1239		8	1149
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	1461		8	1354
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	2150		8	1900
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	2494		8	2195
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	2838		8	2509
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	2845		8	2788
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	4215		8	3676
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, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	178		8	315
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	1384			1779		1851	1851	1851	1851	1851	1851	257		8	1643
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	520		8	2560
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	648		8	3219
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	776		8	3694
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	1040		8	4782
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	1553		8	6607
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	3888		8	12527
94-A-8 Any size above and beyond by special agreement Section 1.2																
97-Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	1051		8	765
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																
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	614	557	11	464
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	614	269	11	428
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	13	443	11	346
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	13	339	11	362
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	13	55	11	313

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
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	974	1079		949	1435	810	810	810	810	810	810	614	1829	11	979
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	614	524	11	701
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	614		11	736
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	614	336	11	672
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	614		9	368
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	614		9	245
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	614	1280	10	616
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	614	367	10	339
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	297	0		618	0	270	270	270	270	270	270	614	328	9	353
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	614	346	11	339
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	614	354	9	356
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	614	240	9	292
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	471	653		484	0	450	450	450	450	450	450	614	451	10	490
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	614	778	10	752
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	614		10	565
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	614		10	957
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	614	226	10	600
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	614		9	643
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	614		10	675
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	316				371								278	2	324
CF ARM	Power	463				505									1	505
Plus conductor	Power	206				212								217	2	215
120 - B 0-7.5KV Double WOOD arm	Power	619				697								563	2	630
CF ARM	Power	889				966									1	966
Plus conductor	Power	206				212								217	2	215
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684								825	2	1254
CF ARM	Power	1347				1953									1	1953
Plus conductor	Power	250				212								217	2	215
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								332	1	332
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086								672	2	879
CF ARM	Power	799				1279									1	1279
Plus conductor	Power	250				310								217	2	264
120 - F 7.6-15KV Single WOOD arm	Power	302				0								302	1	302
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - G -7.6-15KV Double WOOD arm	Power	602				0								602	1	602
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0								333	1	333
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								670	1	670
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - J Crossarms-WOOD, standard line-16-115KV Single arm	Power	613				525									1	525
CF ARM	Power	705				659									1	659
16-34KV	Power	255				212								315	2	264
66-115KV	Power	315				0								315	1	315
120 - K Crossarms-WOOD, standard line-16-115KV Double arm	Power	802				1348								631	2	990
CF ARM	Power	780				1617									1	1617
16-34KV	Power	482				212								631	2	422
66-115KV	Power	631				0								631	1	631
120 - L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brackets	Power	1089				2172								865	2	1518
CF ARM	Power	1567				2441									1	2441
16-34KV	Power	865				212								865	2	539
66-115KV	Power	865				0								865	1	865
120 - M Crossarms-WOOD, standard line-16-115KV Sidearm single	Power	460				0								460	1	460
CF ARM	Power					0										#DIV/0!
16-34KV	Power	460				0								460	1	460
66-115KV	Power	460				0								460	1	460
120 - N Crossarms-WOOD, standard line-16-115KV Sidearm Double	Power	785				1737								706	2	1222
CF ARM	Power	1438				1930									1	1930
16-34KV	Power	495				310								706	2	508
66-115KV	Power	706				0								706	1	706
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	1556				1030								2497	2	1763
Plus conductor	Power	250				310								217	2	264
121 - B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668									1	1668
Plus conductor	Power	250				310								217	2	264
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	99				142								72	2	107
122 - B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0								104	1	104
122 - C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446								141	2	294
122 - D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0								266	1	266
122 - E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0								131	1	131
122 - F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474								142	2	308
122 - G Insulators incl. Pins/hardware/66kV post type ea	Power	390				0								390	1	390
122 - H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0								181	1	181
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!
123 - A Deadends on arms, direct to pole p/ea. Strain-0-750 v.2nd	Power	103				155								64	2	109
123 - B Deadends on arms, direct to pole p/ea. Strain-750-7500v.primary	Power	121				198								81	2	139

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
123 -C Deadends on arms, direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								81	1	81
123 -D Deadends on arms, direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								155	1	155
123 -E Deadends on arms, direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								373	1	373
123 -F Deadends on arms, direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290								537	2	414
123 -G Deadends on arms, direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324								585	2	455
123 -H Deadends on arms, direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								1072	1	1072
123 -I Deadends on arms, direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	1135				0								1135	1	1135
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								74	1	74
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								165	1	165
Add \$180 for each additional insulator on item (g).	Power	180				0								180	1	180
Add \$246 for each additional insulator on item (h).	Power	246				0								246	1	246
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								262	1	262
124 -A Racks/Brackets, secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206								241	2	224
Plus conductor ea.	Power	183				163								217	2	190
124 -B Racks/Brackets, secondary - Bracket, triplex	Power	156				155								170	2	162
Plus triplex conductor ea.	Power	185				163								220	2	192
125 - Ground assembly, complete Note: For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.	Power	462				574								409	2	491
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								841	1	841
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								946	2	679
132-A mounting bracket: two transformers	Power	389				480								320	2	400
132-B mounting bracket: three transformers	Power	599				673								453	2	563
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	163			150		180	180	180	180	180	180	203		8	179
160 - A Crossarms-single wood service	Communication	234			310		270	270	270	270	270	270	101		8	254
160-B Crossarms-Double wood service	Communication	261			492		270	270	270	270	270	270	101		8	277
160-C Crossarms/Composite Fiberglass Arm	Communication	232			0		270	270	270	270	270	270	101		7	246
160-D Crossarms-Attach to existing arm no charge	Communication															
161 - A Guardarm-single wood service	Communication	243			310		270	270	270	270	270	270	101		8	254

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
161-B -Guardarms-Double wood service	Communication	280			492		360	360	360	360	360	360	101		8	344
161-C -Guardarms-Composite Fiberglass	Communication	225			0		270	270	270	270	270	270	101		7	246
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91			130		45	45	45	45	45	45	34		8	54
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49			66		45	45	45	45	45	45	34		8	46
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	233			308		270	270	270	270	270	270	101		8	254
CF ARM	Communication	188			0		200	200	200	200	200	200	101		7	186
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	253			423		270	270	270	270	270	270	101		8	268
CF ARM	Communication	200			0		200	200	200	200	200	200	101		7	186
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable	Communication	230			433		270	270	270	270	270	270	101		8	269
CF ARM	Communication	182			0		200	200	200	200	200	200	203		7	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	203		8	245
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm-NO CHARGE																
165 - Cable attached direct to interset pole, each	Communication	192			197		270	270	270	270	270	270	115		8	241
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73			69		68	68	68	68	68	68	115		8	74
167 - A Messenger without cable - single arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - B Messenger without cable - Double arm	Communication	249			278		270	270	270	270	270	270	614		8	314
167 - C Messenger without cable - Extension arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - D Messenger without cable - Direct to pole	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - E Messenger without cable - additional messenger	Communication	234			75		270	270	270	270	270	270	614		8	289
168 - Multiple distribution service wire attached to pole/arm	Communication	92			133		90	90	90	90	90	90	137		8	101
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	71		8	99
NOTE: Billing is optional, depending on policy of utility.																
170 - Bonding to secondary neutral ground, per pole	Communication	123			64		180	180	180	180	180	180	81		8	153
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 embedded in pole prices (see Definitions of Pole Price Element).																
Column 1: <i>Item number and definition.</i> Authorized Cost item number, and description.																
Column 2: <i>Power/Communication/Both</i> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, then only a power or communication utility may propose a cost. If BOTH is designated, then either type utility may propose a cost.																
Column 3: <i>Direct Labor (loaded)</i> 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: <i>Total Labor Hours</i> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.																
Column 5: <i>Total Direct Labor</i> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.																
Column 6: <i>Material Cost (FOB)</i> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.																
Column 7: <i>Equipment Expense</i> 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: <i>General and Administrative</i> 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: <i>Total Cost</i> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.																

SCJPC Authorized Cost Matrix Worksheet
 Effective January 2017 Authorized Costs Matrix 2017-2018_Draft04

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
**** 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.																

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									
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	2517	1	625	2517	SPR
FON		65.00	6.00	12.00	1170.00	625.00	(**)		468.00	78.00	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									
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.
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	4	4988	13416	
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74*		N/A	333.40	3354	1	1247	3354	
SPR		65.00	8.00	18.00	1690.00	985.00 (**)		676.00	78.00	253.50	3683	2	1970	7365	
FON		65.00	8.00	18.00	1690.00	985.00 (**)		676.00	78.00	253.50	3683	1	985	3683	
NXT	4	237.38	2.00	6.00	1899.04	1828.44			147.13		3875	1	1828	3875	
PBM		63.00	10.50	29.40	2513.70	1092.00**	*	*	*	*	3606	5	5460	18029	
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	H4	92.58	1.00	5.00	555.48	1300.00	130.00	416.00	200.00	100.00	2701	1	1300	2701	
Salvage		1158									TOTALS	26351	16	18528	54519
									Wgt Ave		3407		1158		

2016	PROP.	%
PRICE	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.
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	
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57*		N/A	333.40	4017	1	1356	4017	
SPR		65.00	10.00	20.00	1950.00	1025.00 (**)		780.00	78.00	292.50	4126	1	1025	4126	
FON		65.00	10.00	20.00	1950.00	1025.00 (**)		780.00	78.00	292.50	4126	1	1025	4126	
PBM		63.00	10.50	35.70	2910.60	1260.00**	*	*	*	*	4171	4	5040	16682	
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	H2	92.58	1.00	8.00	833.22	1450.00	145.00	416.00	200.00	100.00	3144	1	1450	3144	
V	H5	92.58	1.00	8.00	833.22	1750.00	175.00	416.00	200.00	100.00	3474	1	1750	3474	
Salvage		993									TOTALS	29614	43	42703	123381
									Wgt Ave		2869		993		

2016	PROP.	%
PRICE	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				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	Gen Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL 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 PRICE	PROP. 2017	% CHG.
3892	2947	-24

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	Gen 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		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 PRICE	PROP. 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	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	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	45510	4	14610	45510	
	2016	PROP.	%						Wgt Ave			11378				
	PRICE	2017	CHG.													
	16561	11378	-31													

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		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	64756	6	24490	64756	
	2016	PROP.	%						Wgt Ave			10793				
	PRICE	2017	CHG.													
	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)

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:
Person Completing Worksheet:
Call Back Telephone Number:

SOUTHERN CALIFORNIA EDISON COMPANY
Gerald Wayne Brown
(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25' / 5	\$236.70	4.00	8.20	\$2,887.74	\$249.96	\$21.37	*	\$236.70	\$476.43	\$3,872.20	3,572	8.40%	250
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$324.42	\$27.74	*	\$236.70	\$487.77	\$3,964.37	3,674	7.90%	324
35' / 3	\$236.70	4.00	8.20	\$2,887.74	\$544.46	\$46.55	*	\$236.70	\$521.28	\$4,236.73	3,971	6.69%	544

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(909) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
40' / 1	\$236.70	4.00	10.40	\$3,408.48	\$845.17	\$72.26	*	\$236.70	\$640.13	\$5,202.74		#DIV/0!	845
40' / 2	\$236.70	4.00	10.40	\$3,408.48	\$746.18	\$63.80	*	\$236.70	\$625.06	\$5,080.22	\$4,856.96	4.60%	746
40' / 3	\$236.70	4.00	10.40	\$3,408.48	\$638.52	\$54.59	*	\$236.70	\$608.66	\$4,946.95		#DIV/0!	639
40' / 4	\$236.70	4.00	10.40	\$3,408.48	\$548.87	\$46.93	*	\$236.70	\$595.01	\$4,835.99		#DIV/0!	549
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$469.75	\$40.16	*	\$236.70	\$582.96	\$4,738.05		#DIV/0!	470
40' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,258.28	\$107.58	*	\$236.70	\$703.05	\$5,714.09	\$5,394.95	5.92%	1,258
40' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,405.33	\$120.16	*	\$236.70	\$725.45	\$5,896.12	\$5,492.30	7.35%	1,405
40' / H3	\$236.70	4.00	10.40	\$3,408.48	\$1,693.70	\$144.81	*	\$236.70	\$769.36	\$6,253.05	\$5,908.61	5.83%	1,694

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323 2354

[2017 JOINT WOOD POLE PRICES](#)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
45' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,194.97	\$102.17	*	\$236.70	\$693.41	\$5,635.73		#DIV/0!	1,195
45' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,061.30	\$90.74	*	\$236.70	\$673.05	\$5,470.27	\$5,119.32	6.86%	1,061
45' / 3	\$236.70	4.00	10.40	\$3,408.48	\$799.11	\$68.32	*	\$236.70	\$633.12	\$5,145.73		#DIV/0!	799
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$647.32	\$55.35	*	\$236.70	\$610.00	\$4,957.85		#DIV/0!	647
45' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
45' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,463.47	\$125.13	*	\$236.70	\$734.30	\$5,968.08	\$5,584.07	6.88%	1,463
45' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,747.88	\$149.44	*	\$236.70	\$777.61	\$6,320.11	\$5,959.26	6.06%	1,748
45' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,014.90	\$172.27	*	\$236.70	\$818.28	\$6,650.63	\$6,279.07	5.92%	2,015
45' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,309.24	\$197.44	*	\$236.70	\$944.47	\$7,676.25	\$7,187.94	6.79%	2,309
45' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,489.78	\$212.88	*	\$236.70	\$971.96	\$7,899.72	\$7,455.24	5.96%	2,490

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,374.77	\$117.54	*	\$236.70	\$720.79	\$5,858.28		#DIV/0!	1,375
50' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,138.62	\$97.35	*	\$236.70	\$684.83	\$5,565.98	\$5,368.59	3.68%	1,139
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$920.44	\$78.70	*	\$236.70	\$651.60	\$5,295.92		#DIV/0!	920
50' / 4	\$236.70	4.00	10.40	\$3,408.48	\$815.65	\$69.74	*	\$236.70	\$635.64	\$5,166.21		#DIV/0!	816
50' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
50' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,718.52	\$146.93	*	\$236.70	\$773.14	\$6,283.77	\$5,921.60	6.12%	1,719
50' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,974.19	\$168.79	*	\$236.70	\$812.08	\$6,600.24	\$6,235.16	5.86%	1,974
50' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,297.83	\$196.46	*	\$236.70	\$861.37	\$7,000.84	\$6,655.45	5.19%	2,298
50' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,580.34	\$220.62	*	\$236.70	\$985.76	\$8,011.82	\$7,525.76	6.46%	2,580
50' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,853.04	\$243.94	*	\$236.70	\$1,027.29	\$8,349.37	\$7,901.08	5.67%	2,853

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
55' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,653.63	\$141.39	*	\$236.70	\$763.26	\$6,203.46		#DIV/0!	1,654
55' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,209.42	\$103.41	*	\$236.70	\$695.61	\$5,653.62	\$5,553.02	1.81%	1,209
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$998.31	\$85.36	*	\$236.70	\$663.46	\$5,392.31		#DIV/0!	998
55' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
55' / 5	\$236.70	4.00	10.40	\$3,408.48	\$700.62	\$59.90	*	\$236.70	\$618.12	\$5,023.82		#DIV/0!	701
55' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,895.78	\$162.09	*	\$236.70	\$800.14	\$6,503.19	\$6,161.63	5.54%	1,896
55' / H2	\$236.70	4.00	10.40	\$3,408.48	\$2,182.62	\$186.61	*	\$236.70	\$843.82	\$6,858.23	\$6,516.68	5.24%	2,183
55' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,647.13	\$226.33	*	\$236.70	\$995.93	\$8,094.49	\$7,698.59	5.14%	2,647
55' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,842.92	\$243.07	*	\$236.70	\$1,025.75	\$8,336.84	\$7,940.94	4.99%	2,843
55' / H5	\$236.70	4.25	12.60	\$3,988.40	\$3,210.57	\$274.50	*	\$236.70	\$1,081.74	\$8,791.91	\$8,396.01	4.72%	3,211

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
60' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,744.15	\$149.12	*	\$236.70	\$777.04	\$6,315.49	\$6,227.83	1.41%	1,744
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,424.63	\$121.81	*	\$236.70	\$728.38	\$5,920.00		#DIV/0!	1,425
60' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,321.35	\$198.48	*	\$236.70	\$946.31	\$7,691.24	\$7,347.38	4.68%	2,321
60' / H2	\$236.70	4.25	12.60	\$3,988.40	\$2,545.83	\$217.67	*	\$236.70	\$980.50	\$7,969.10	\$7,712.19	3.33%	2,546
60' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,911.22	\$248.91	*	\$236.70	\$1,036.15	\$8,421.38	\$8,152.26	3.30%	2,911
60' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,234.57	\$276.56	*	\$236.70	\$1,085.39	\$8,821.62	\$8,536.99	3.33%	3,235
60' / H5	\$236.70	4.25	15.50	\$4,674.83	\$3,566.40	\$304.93	*	\$236.70	\$1,232.24	\$10,015.10	\$9,691.67	3.34%	3,566

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951)323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
65' / 1	\$236.70	4.00	10.40	\$3,408.48	\$2,272.07	\$194.26	*	\$236.70	\$857.44	\$6,968.95	\$6,743.32	3.35%	2,272
65' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,887.35	\$161.37	*	\$236.70	\$798.85	\$6,492.75		#DIV/0!	1,887
65' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 5	\$236.70	4.00	10.40	\$3,408.48	\$674.64	\$57.68	*	\$236.70	\$614.16	\$4,991.66		#DIV/0!	675
65' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,619.88	\$224.00	*	\$236.70	\$991.78	\$8,060.76	\$7,757.39	3.91%	2,620
65' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,033.43	\$259.36	*	\$236.70	\$1,054.76	\$8,572.65	\$8,319.50	3.04%	3,033
65' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,386.79	\$289.57	*	\$236.70	\$1,108.58	\$9,010.04	\$8,641.03	4.27%	3,387
65' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,777.14	\$322.95	*	\$236.70	\$1,168.02	\$9,493.21	\$9,186.69	3.34%	3,777
65' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,148.91	\$354.73	*	\$236.70	\$1,320.95	\$10,736.12	\$9,905.72	8.38%	4,149

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
70' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,556.67	\$218.60	*	\$236.70	\$982.15	\$7,982.52	\$7,750.90	2.99%	2,557
70' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,170.44	\$185.57	*	\$236.70	\$841.97	\$6,843.16		#DIV/0!	2,170
70' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,868.38	\$245.25	*	\$236.70	\$1,029.62	\$8,368.35	\$7,788.51	7.44%	2,868
70' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,295.93	\$281.80	*	\$236.70	\$1,094.74	\$8,897.57	\$8,353.66	6.51%	3,296
70' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,733.78	\$319.24	*	\$236.70	\$1,161.42	\$9,439.54	\$8,679.36	8.76%	3,734
70' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,283.61	\$366.25	*	\$236.70	\$1,341.46	\$10,902.85	\$9,948.14	9.60%	4,284
70' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,640.33	\$396.75	*	\$236.70	\$1,395.79	\$11,344.40		#DIV/0!	4,640

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**
 Person Completing Worksheet: **Gerald Wayne Brown**
 Call Back Telephone Number: **(951) 323-2354**

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENTS EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
75' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,888.96	\$247.01	*	\$236.70	\$1,032.76	\$8,393.83	\$8,142.36	3.09%	2,889
75' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,390.18	\$204.36	*	\$236.70	\$875.43	\$7,115.15		#DIV/0!	2,390
75' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 5	\$236.70	4.00	10.40	\$3,408.48	\$835.75	\$71.46	*	\$236.70	\$638.70	\$5,191.09		-36.25%	836
75' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,174.41	\$271.41	*	\$236.70	\$1,076.23	\$8,747.15	\$8,484.37	3.10%	3,174
75' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,730.23	\$318.93	*	\$236.70	\$1,160.88	\$9,435.14	\$9,076.81	3.95%	3,730
75' / H3	\$236.70	4.25	12.60	\$3,988.40	\$4,198.43	\$358.97	*	\$236.70	\$1,232.18	\$10,014.68	\$9,547.36	4.89%	4,198
75' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,847.99	\$414.50	*	\$236.70	\$1,427.41	\$11,601.43	\$11,037.08	5.11%	4,848
75' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,665.19	\$484.37	*	\$236.70	\$1,551.87	\$12,612.96	\$11,662.16	8.15%	5,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
80' / 1	\$236.70	4.25	12.60	\$3,988.40	\$1,921.51	\$164.29	*	\$236.70	\$885.42	\$7,196.32	\$8,760.74	-17.86%	1,922
80' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-52.55%	0
80' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,692.44	\$315.70	*	\$236.70	\$1,155.12	\$9,388.36	\$8,873.23	5.81%	3,692
80' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,130.61	\$353.17	*	\$236.70	\$1,318.16	\$10,713.47	\$10,358.98	3.42%	4,131
80' / H3	\$236.70	4.25	15.50	\$4,674.83	\$4,750.22	\$406.14	*	\$236.70	\$1,412.52	\$11,480.41	\$10,889.86	5.42%	4,750
80' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,329.08	\$455.64	*	\$236.70	\$1,500.68	\$12,196.93	\$11,559.10	5.52%	5,329
80' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,149.42	\$525.77	*	\$236.70	\$1,625.62	\$13,212.34	\$12,396.10	6.58%	6,149

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
85' / 1	\$236.70	4.25	12.60	\$3,988.40	\$3,400.56	\$290.75	*	\$236.70	\$1,110.67	\$9,027.08	\$9,181.49	-1.68%	3,401
85' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,584.27	\$135.46	*	\$236.70	\$752.70	\$6,117.61		-33.37%	1,584
85' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,113.35	\$351.69	*	\$236.70	\$1,315.53	\$10,692.10	\$9,910.66	7.88%	4,113
85' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,220.06	\$360.82	*	\$236.70	\$1,331.79	\$10,824.20	\$10,794.92	0.27%	4,220
85' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,053.91	\$432.11	*	\$236.70	\$1,458.78	\$11,856.33	\$11,369.91	4.28%	5,054
85' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,796.78	\$495.62	*	\$236.70	\$1,571.91	\$12,775.84	\$12,199.73	4.72%	5,797
85' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,665.38	\$569.89	*	\$236.70	\$1,704.20	\$13,851.00	\$13,261.94	4.44%	6,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
90' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,087.03	\$349.44	*	\$236.70	\$1,311.52	\$10,659.52	\$10,661.12	-0.02%	4,087
90' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-61.01%	0
90' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,249.68	\$363.35	*	\$236.70	\$1,336.30	\$10,860.86	\$10,629.59	2.18%	4,250
90' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,669.21	\$399.22	*	\$236.70	\$1,400.19	\$11,380.15	\$10,314.60	10.33%	4,669
90' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,393.87	\$461.18	*	\$236.70	\$1,510.55	\$12,277.13	\$12,134.11	1.18%	5,394
90' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,394.71	\$546.75	*	\$236.70	\$1,662.97	\$13,515.96	\$12,982.16	4.11%	6,395
90' / H5	\$236.70	4.25	15.50	\$4,674.83	\$7,080.36	\$605.37	*	\$236.70	\$1,767.40	\$14,364.66	\$14,122.71	1.71%	7,080

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354



2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMENTS EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
95' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,218.09	\$360.65	*	\$236.70	\$1,331.48	\$10,821.75	\$11,080.79	-2.34%	4,218
95' / 2	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 3	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		-100.00%	0
95' / H1	\$236.70	4.25	15.50	\$4,674.83	\$3,204.97	\$274.02	*	\$236.70	\$1,177.19	\$9,567.71	\$11,342.52	-15.65%	3,205
95' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,638.12	\$396.56	*	\$236.70	\$1,395.45	\$11,341.66	\$11,756.50	-3.53%	4,638
95' / H3	\$236.70	4.25	15.50	\$4,674.83	\$3,997.24	\$341.76	*	\$236.70	\$1,297.85	\$10,548.38	\$12,647.40	-16.60%	3,997
95' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,832.09	\$584.14	*	\$236.70	\$1,729.58	\$14,057.34	\$13,518.88	3.98%	6,832
95' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,515.70	\$471.59	*	\$236.70	\$1,529.10	\$12,427.92	\$14,708.82	-15.51%	5,516

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT FIBERGLASS POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----			
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$864.16	\$73.89	*	\$236.70	\$528.12	\$4,590.61	\$4,372.06	5.00%	864
35' / 5	\$236.70	4.00	8.20	\$2,887.74	\$1,690.25	\$144.52	*	\$236.70	\$644.70	\$5,603.91	\$5,394.77	3.88%	1,690
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,945.58	\$166.35	*	\$236.70	\$748.42	\$6,505.53	\$6,262.29	3.88%	1,946
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$2,092.31	\$178.89	*	\$236.70	\$769.13	\$6,685.51	\$6,449.77	3.66%	2,092
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,572.37	\$219.94	*	\$236.70	\$836.87	\$7,274.36	\$7,044.09	3.27%	2,572
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,885.30	\$246.69	*	\$236.70	\$881.03	\$7,658.20	\$7,499.62	2.11%	2,885
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$5,749.13	\$491.55	*	\$236.70	\$1,285.16	\$11,171.02	\$11,098.81	0.65%	5,749
65' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,361.66	\$458.42	*	\$236.70	\$1,298.18	\$11,284.18	\$11,086.73	1.78%	5,362
70' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,366.39	\$458.83	*	\$236.70	\$1,298.85	\$11,289.99	\$11,092.58	1.78%	5,366
75' / H3	\$236.70	4.00	12.60	\$3,929.22	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
80' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
85' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
90' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
95'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
100'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
105'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
110'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

951-323-2354

2017 JOINT STEEL POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	CRANE CHARGE	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----	----			
30'	----	----	----	----	----	----	----	----	----	----	----			
35'	----	----	----	----	----	----	----	----	----	----	----			
40' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,152.96	\$269.58	*	\$236.70	\$410.00	\$972.10	\$8,449.82	8,649.36	-2.31%	3,153
45' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,490.66	\$298.45	*	\$236.70	\$410.00	\$1,019.76	\$8,864.05	9,119.97	-2.81%	3,491
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$3,365.95	\$287.79	*	\$236.70	\$580.00	\$1,024.26	\$8,903.18	8,678.00	2.59%	3,366
55' / 1	\$236.70	5.00	10.40	\$3,645.18	\$3,426.43	\$292.96	*	\$236.70	\$580.00	\$1,063.57	\$9,244.84	9,471.41	-2.39%	3,426
60' / 1	\$236.70	5.00	10.40	\$3,645.18	\$4,150.82	\$354.90	*	\$236.70	\$580.00	\$1,165.79	\$10,133.39	10,035.83	0.97%	4,151
65' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,376.16	\$374.16	*	\$236.70	\$850.00	\$1,300.38	\$11,303.32	10,627.10	6.36%	4,376
70' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,610.44	\$394.19	*	\$236.70	\$850.00	\$1,333.44	\$11,590.69	10,903.58	6.30%	4,610
75' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,900.31	\$418.98	*	\$236.70	\$790.00	\$1,366.55	\$11,878.46	11,322.31	4.91%	4,900
80' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,151.84	\$440.48	*	\$236.70	\$790.00	\$1,402.04	\$12,186.98	11,619.85	4.88%	5,152
85' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,409.28	\$462.49	*	\$236.70	\$1,000.00	\$1,465.67	\$12,740.06	12,165.34	4.72%	5,409
90' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,652.00	\$483.25	*	\$236.70	\$1,230.00	\$1,619.06	\$14,073.36	13,467.75	4.50%	5,652
95' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,894.80	\$504.01	*	\$236.70	\$1,230.00	\$1,653.32	\$14,371.18	13,797.31	4.16%	5,895
100' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,144.23	\$525.33	*	\$236.70	\$1,230.00	\$1,688.52	\$14,677.13	13,957.47	5.16%	6,144
105' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,386.65	\$546.06	*	\$236.70	\$1,230.00	\$1,722.73	\$14,974.49	14,234.39	5.20%	6,387
110' / 1	\$236.70	5.00	15.50	\$4,852.35	\$7,254.58	\$620.27	*	\$236.70	\$1,230.00	\$1,845.21	\$16,039.11	15,330.56	4.62%	7,255

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

Please submit to SCJPC by:
February 10, 2017

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **William Kearns**

Call Back Telephone Number & Email: **760-475-3745**

***** Weighted Average **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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
25'	2	75	8	11	1425	356	31	*	92	28	1,933	1879.55
	3	75	8	11	1425	297	25	*	92	28	1,868	1814.63
	4	75	8	11	1425	251	21	*	92	28	1,817	1764
	5	75	8	11	1425	220	19	*	92	28	1,784	1731.45
30'	2	75	8	11	1425	474	41	*	92	28	2,061	2007.51
	3	75	8	11	1425	391	33	*	92	28	1,969	1915.89
	4	75	8	11	1425	344	29	*	92	28	1,919	1865.61
	5	75	8	11	1425	289	25	*	92	28	1,860	1806.59
35'	2	75	8	11	1425	569	49	*	92	28	2,163	2110.38
	3	75	8	11	1425	487	42	*	92	28	2,074	2021.37
	4	75	8	11	1425	441	38	*	92	28	2,024	1970.74
	5	75	8	11	1425	336	31	*	92	28	1,912	1859.47
40'	2	75	8	11	1425	712	61	*	92	28	2,319	2265.49
	3	75	8	11	1425	617	51	*	92	28	2,214	2160.62
	4	75	8	11	1425	553	45	*	92	28	2,143	2089.75
	5	75	8	11	1425	450	39	*	92	28	2,034	1981.39
45'	2	75	8	11	1425	868	74	*	92	28	2,487	2434.47
	3	75	8	11	1425	800	67	*	92	28	2,412	2359.03
	4	75	8	11	1425	643	55	*	92	28	2,243	2190.35
	5	75	8	11	1425	560	48	*	92	28	2,153	2099.74
50'	2	75	8	14	1650	1238	87	*	92	28	3,095	3033.81

	3	75	8	14	1650	873	75	*	92	28	2,718	2656.95
	4	75	8	14	1650	749	64	*	92	28	2,584	2522.14
	5											
55'	2	75	8	14	1650	1359	100	*	92	28	3,229	3167.57
	3	75	8	14	1650	1029	88	*	92	28	2,887	2825.93
	4											
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	3175.53
	3	75	8	14	1650	1150	98	*	92	28	3,018	2956.53
65'	2	75	8	14	1650	1648	141	*	92	28	3,559	3498.01
	3	75	8	14	1650	1319	113	*	92	28	3,202	3140.37
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: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

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

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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 X

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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 **xxxxxx**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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** *****

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

1		2		3		4		5		6		7		8		9		10		11		2016 COST	% Difference	Salvage 2017
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 (\$)													
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	1789.77	0%	486										
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%	619										
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%	754										
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%	981										
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%	1247										
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%	1356										
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%	1520										
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%	1693										
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%	1943										
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%	3262										
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (\$)	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 **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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!

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 **[]** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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'	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

(****) 2/14/2017 Please designate if you choose to publish your costs individually or be included in the weighted average 2017 Pole Prices worksheet Draft 04 ALL COMBINED
2017 M FBGLASS MULTI (CM)

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**
 The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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	Salvage 2017
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%	2156
35'		0	0	0	0						\$0		#DIV/0!	0
40'		0	0	0	0						\$0		#DIV/0!	0
45'		0	0	0	0						\$0		#DIV/0!	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%	2423
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%	3356
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%	3571
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%	3790
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%	4211
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%	4448
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%	4521
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%	4747
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%	4416
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%	4726
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%	4611
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%	4955
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%	5559
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%	7107

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXXXX**
 The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 ft-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

279 E. Arrow Hwy, Suite 104

San Dimas, CA 91773

Phone (909) 599-3801

Fax (909) 599-3825

March 14, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:00 am at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Ms. April DeBarge – Southern California Edison
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
Mr. Ed Loescher – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Maria Ortiz – XO Communications
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Shawn Henderson – T-Mobile USA
Ms. Wendy Muller - Extenet
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. Lynn Prescott – Verizon Wireless
Ms. Alicia Smith - Sprint Comm/Sprint-Nextel
Mr. Alex Parra – City of Riverside
Mr. Dan Garden – MCI/Metro ATS/MCI
Ms. Lily Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. Hernandez called the meeting to order at 9:00 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 2017-2018 Authorized Costs are approved.

Agenda Item 3 – Review of Pending Authorized Cost Items – See below

Agenda Item 4 – Item 1611 – Helicopter Costs – Edison presented an hourly cost of \$3700, LADWP is in the process of purchasing a new helicopter. They will report back next month with updated costs. Committee agreed to revisit this item next month.

Agenda Item 5 - 1612 – Crane Costs – After review of prices submitted by SCE and LADWP the committee decided to revisit this item next month. LADWP informed the committee they will be updating their Crane Costs soon.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Ms. Carmichael clarified to the committee this item is strictly discussion only and will not be included in the 2017-2018 Authorized Costs. The committee agreed. Ms. Hernandez then asked members to review pending items 13D (1 through 3). After some discussion Ms. Hernandez asked members to research their current costs for traffic control, including drawings, as well as costs already included in pole prices and report back at next month.

Agenda Item 7 – Review of 2017 Authorized Costs – Ms. Hernandez asked committee members if they've had a chance to review the Authorized Costs Matrix. The committee confirmed they did. Mr. Williams then asked Ms. Hernandez how CES created their pricing. Ms. Hernandez informed him CES requests pricing from several different contractors they use regularly. After some discussion Mr. Williams concluded the reason communications prices are so much lower than power is because their pricing applies to comm only poles. Prices are much higher when power is involved. The committee decided to revisit this issue when prepping the 2019-2020 pricing. Ms. Pranata then moved on to reviewing pending items and items with no prices submitted. Items 6J, 39, 40, 120D (CF ARM), F (CF ARM), G (CF ARM), H (CF ARM), I (CF ARM) & M (CF ARM), and 122I through P have all been removed from the 2017-2018 Matrix due to no pricing being submitted. Items 126D, 129A, B and 130 are all approved to use previous pricing submitted. Ms. Hernandez then asked Ms. Pranata to add the Authorized Costs Matrix to the discussion board for tomorrow's administrative board meeting.

Agenda Item 8 – Review of 2017 Pole Prices – Ms. Pranata informed the committee The City of Vernon submitted two separate prices for each pole height. Ms. Pranata asked the committee for guidance on how to proceed. Should she average the two prices submitted or choose one of them. Ms. Pranata asked the committee to discuss this issue with City of Vernon at tomorrow's meeting. Ms. Hernandez agreed to do so and will have research ready for the discussion. Ms.

Pranata will add pole prices to the discussion board for the Administrative meeting.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – There were none at this time.

Review of Action Items:

- Members to provide cost of drawing up a Traffic Control Plan outside of the watch manual.
- Members to review the Pole Prices Matrix for the number of hours included for flagmen.
- Members to review previous admin board minutes to discuss City of Vernon Pole Prices.

The ad hoc meeting adjourned at 9:50 a.m. The next meeting is scheduled for April 18, 2017.

Jenny Silva – Committee Staff

Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Crane charges

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Colvin, Marshall
Sent: Thursday, September 08, 2016 7:22 AM
To: Brown, Steve R.
Cc: Smith, John A. (Fleet)
Subject: RE: Crane charges

Hello Steve,
Sorry this has taken so long , with limited dimensions and radius's here is what a 200 ton crane would be,
Crane- 108.00 an hour
Operator- 360.00 an hour
Driver/Oiler-132.00 an hour
Support truck132.00 an hour X2
If you have any questions, please give me a call.
Thank you

*Marshall Colvin
Crane and Equipment Supervisor
Central Crane Desk
Office: 818-771-4955
Cell: 213-792-6507*

From: Brown, Steve R.
Sent: Thursday, September 08, 2016 6:56 AM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: RE: Crane charges

**Hi John,
You were going to send me contractor prices for cranes**

*Steve R. Brown
Transmission & Distribution District Supervisor*

*Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your crane services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place for different size cranes that we could use to determine a charge to other entities? Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
To: Brown, Steve R.
Cc: Amati, Maurizio
Subject: RE: Helicopter Costs

Steve, Fleet Policy is to charge 4 hours or 8 hours of usage, depending on the length of the job. We have two types of helicopters, the Bell 206L-3: \$855.59 per hour/ The Bell 407: \$998.59 per hour. These rates include the pilot. We are in the process of replacing the Bell 206L-3's with the Airbus H-125 B3e Helicopter. The Airbus will give us increased lifting capability at higher altitudes and temperatures. The usage rates have not been established for the Airbus.

From: Brown, Steve R.
Sent: Friday, August 19, 2016 9:29 AM
To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
Subject: Helicopter Costs

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place that we could use to determine a charge to other entities?
Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

An approximate hourly cost for a 90/140 ton size operated crane is about \$350 an hour, that comes with an operator, rigger/oiler, the operator typically drives the semi which hauls the counter weights for the crane, the rigger/oiler drives the crane to the job sites. Included with that are any travel permits needed for the crane, any FAA permits (where applicable). Each job is job walked to evaluate the specs and ensure the proper size equipment is sent out, typically 90/140 cranes are utilized majority of the time for property line pole sets. The capacity of those size cranes varies by weight and size of the poles we're setting, which we identify at the time of the job walk, we also do this to identify job hazards to ensure safety, cost effectiveness and efficiency with respective cities on encroachment permits for street closures. Sometimes we'll go out and identify that the crane can set on private property which will cut costs of traffic control & street closures, at that time we determine if we need traffic control out there for safety of our customers or if we can safely perform our crane work from the private property. If the crane will be sitting in a public thoroughfare, traffic control will be required which can run about \$3,000.00 for an 8 hour day, in that cost is included no parking postings (typically 48 hours before street closure), engineered traffic control, encroachment permits with respective city/county, 2 traffic control specialists who ensure no vehicle or pedestrians come within the coned off work area (street closure) at each end of the closure.

So total rough estimate for a 'typical' pole replacement is approximately \$6,000.00 for the crane and traffic control. Sometimes after we job walk jobs, we determine a larger crane will be needed or changing conditions will slow the set running into overtime hours, so costs will vary per job. This cost estimate will give you an idea, we can provide costs for larger crane sets on a job by job basis as factors vary per job site.

Richard LaBarge
Joint Pole Organization
Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
P: 909-357-6129 / PAX 16129
C: 909-519-6134
richard.labarge@sce.com



Item Number	Power or Communication or Both P/C	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)	
			1 Power	1 Power	1 Comm	1 Power	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Power	12		
POLE MAINTENANCE AND MISCELLANEOUS																	
1-Trenching/Moving 30'-35' WITH supply	Power	2470	2613			1959								3131	3	2568	
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449								4175	3	3188	
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776								4175	3	3515	
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429								4175	3	3841	
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245								8350	2	6298	
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225								8350	2	6788	
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123								8350	2	7237	
1-Trenching/Moving 100' WITH supply	Power	7202				6613								8350	2	7482	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	675		7	945	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	810		7	964	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	945		7	1678	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	675	3131	11	1056	
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	810	3131	11	1166	
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	945	3131	11	1457	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	1080	3131	11	1582	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990		3131	9	1679	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990		4175	9	1932	
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990		4175	9	2060	
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990		4175	9	2143	
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	\$702	2088	11	954	
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	\$837	2088	11	1020	
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	\$945	2088	11	1112	
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440		2088	10	1791	
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440		2088	9	1582	
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440		4175	9	1843	
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440		4175	9	1871	
4- Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690		4175	9	3400	
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	699	1044	12	914	
5-B Removing From Service:Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	219	209	12	283	
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	287	522	12	622	
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	219	235	11	598	
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	219	436	5	265	
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								606	4	1473	
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695								763	3	1364	
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960											1385	2	1672	
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286											2064	2	2175	
6-G Pole Stubbing 15.5 Ft metal truss	Power	2308	2286											2388	2	2337	
6-H Pole Stubbing: Addtl metal trusses (all sizes)	Power	773	1306											273	2	790	
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								135	212	4	219
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232								135	105	4	150
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	699	2088	12	1535	
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	603	821	12	1350	

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	427	936	12	1271
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	829	1205	12	999
10-D Cement saw cut brk&pr-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																
12-A-Reserved for future use																
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174								51	3	119
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174								41	3	116
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174								69	3	125
12-E Pole Inspect/Treat-Reject	Power	49	133			174								54	3	120
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174								55	3	143
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	64	63	10	283
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	218	164	11	333
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																
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															
13F Crane Cost - pending Item do not enter cost	Both															
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	135	754	11	306
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	136	220	11	164
14-C PENDING Failure to complete Pole Removal (second trip to pole) Needs more discussions 10/18/2016																
14-C PENDING	Both															
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	34	21	12	48
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	3	21	12	48
16-A Backhoe 2/hr minimum	Both	252	305		342	321	270	270	270	270	270	270	7	411	11	273
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	168	205	11	180
17 Title: Wood Pole Fiberglass wrap																
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												1810	1	1810
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												2427	1	2427
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												2428	1	2428
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												116	1	116
18-A ModPole Material & Installation 9'	Power	5635	3025											8323	2	5674
18-B ModPole Material & Installation 14'	Power	6411	3351											9558	2	6455
18-C ModPole Material & Installation 18'	Power	6740	4005											9579	2	6792
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	1080	6263	12	2079
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	1620	8350	12	2452
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	2025	12526	11	3661
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	283	499		256	522	270	270	270	270	270	270	178	391	11	315
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	614	522	11	471
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	178	522	11	262
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)																

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Transfer Arm	Power	407				604								261	2	433
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - B 0-7.5 kv double arm																
Transfer Arm	Power	791				1159								522	2	841
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - C 0-7.5 kv double arm with																
Transfer Arm	Power	999				2057								652	2	1355
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - D 0-7.5kv sidearm - single																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	391				0								391	1	391
Transfer Conductor (no splicing)	Power	261				0								261	1	261
21 - E 0-7.5kv sidearm - double																
Transfer Arm	Power	1088				1652								652	2	1152
Transfer Conductor (splicing required)	Power	338				408								391	2	400
Transfer Conductor (no splicing)	Power	228				310								261	2	286
21 - F 7.6-15kv single arm																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - G 7.6-15kv double arm																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - H 7.6-15kv sidearm - single																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - I 7.6-15kv sidearm - double																
Transfer Arm	Power	913				0								913	1	913
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - J 16-34kv single arm																
Transfer Arm	Power	1130				947								391	2	669
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - K 16-34kv double arm																
Transfer Arm	Power	1432				1323								652	2	987
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - L 16-34kv double arm with																
Transfer Arm	Power	1714				2224								783	2	1503
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - M 16-34kv sidearm - single																
Transfer Arm	Power	652				0								652	1	652
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - N 16-34kv sidearm - double																
Transfer Arm	Power	1779				1796								913	2	1355
Transfer Conductor (splicing required)	Power	468				767								652	2	710
Transfer Conductor (no splicing)	Power	358				669								522	2	596
21 - O 66-115kv single arm																
Transfer Arm	Power	783				0								783	1	783
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - P 66-115kv double arm																
Transfer Arm	Power	1044				0								1044	1	1044
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - Q 66-115kv steel arm																
Transfer Arm	Power	1090				0								1090	1	1090
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
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	222				343								130	2	237
22-B 750-7,500 volt primary	Power	440				490								522	2	506
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633								783	2	1208

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22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763								783	2	1273
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								783	1	783
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	2064				2384								1957	2	2170
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384								1396	2	1890
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384								2127	2	2255
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384								1957	2	2170
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384								1396	2	1890
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384								2127	2	2255
NOTE: Cost of rebonding is included in above prices.																
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359								391	2	375
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718								522	2	620
25 - Ground Wire, Incl. protective covering	Power	510				686								391	2	539
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	300				229								391	2	310
Plus Conductor ea.	Power	205				163								261	2	212
27 - B Bracket, Triplex	Power	213				180								261	2	220
Plus Triplex conductor	Power	205				163								261	2	212
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	130				212								65	2	139
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310								130	2	220
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212								130	2	171
29 - A Transformers 1-1/2 to 25 KVA each	Power	2490				3902								2088	2	2995
29 - B Transformers 30 to 167 KVA each	Power	2751				3902								2610	2	3256
29 - C Mounting Brackets, two transformers	Power	298				474								162	2	318
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	4701				3429								6263	2	4846
30-B Capacitors/capacitor bank non-switched	Power	2612				3200								3131	2	3166
31-A Street Lights Ctr Susp type-span end	Power	1177				0								261	1	261
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								548	1	548
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								261	1	261
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571								548	2	560
31-E Street Lights Mast arm type	Power	627				571								731	2	651
31-F Street Lights Pole top pin and insulator-single	Power	143				276								47	2	161
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								70	1	70
32 Meter of Time Switch Control Box (Price by field agreement)																
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								261	2	392

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
35-B Insulator mounting brkts-Double(vertical)	Power	360				1045								391	2	718
35-C Insulator mounting brkts-Single, over 40KV	Power	783				0								783	1	783
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								352	1	352
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								509	1	509
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								6263	1	6263
38- Insulator assembly bracket for endarm mountings	Power	679				349								1044	2	697
NOTE: Refer to Item 21 for conductor cost																
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)																
TRANSFER COSTS - COMMUNICATION CIRCUITS																
74-Semi-circular cable guard ("U" guard): transferring	Communication	265			128		270	270	270	270	270	270	135		8	235
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	101		8	247
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	102		8	255
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	34		8	54
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	3		8	42
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	155		8	103
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	155		8	86
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	68		8	100
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	331		8	411
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	479		8	433
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	331		8	419
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	527		8	447
NOTE: The above prices do not include cable terminals.																
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	178		8	241
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	68		8	219
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	68		8	219
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	331		8	260
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	479		8	282
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	331		8	272
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	527		8	292
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	178		8	249
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	142		8	236
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	594		8	376
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	135		8	335
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	142		8	238
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								240		2	394
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								240		2	298
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								253		2	351

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
NOTE-When necessary to use multiple distribution stub, add the following to cost above:																
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								240		2	399
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	343			160		321	321	321	321	321	321	225		8	289
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	225		8	296
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	361		8	365
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	469		8	547
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	854		8	840
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	1239		8	1149
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	1461		8	1354
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	2150		8	1900
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	2494		8	2195
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	2838		8	2509
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	2845		8	2788
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	4215		8	3676
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, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	178		8	315
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	1384			1779		1851	1851	1851	1851	1851	1851	257		8	1643
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	520		8	2560
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	648		8	3219
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	776		8	3694
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	1040		8	4782
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	1553		8	6607
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	3888		8	12527
94-A-8 Any size above and beyond by special agreement Section 1.2																
97-Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	1051		8	765
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																
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	614	557	11	464
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	614	269	11	428
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	13	443	11	346
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	13	339	11	362
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	13	55	11	313

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
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	974	1079		949	1435	810	810	810	810	810	810	614	1829	11	979
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	614	524	11	701
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	614		11	736
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	614	336	11	672
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	614		9	368
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	614		9	245
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	614	1280	10	616
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	614	367	10	339
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	297	0		618	0	270	270	270	270	270	270	614	328	9	353
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	614	346	11	339
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	614	354	9	356
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	614	240	9	292
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	471	653		484	0	450	450	450	450	450	450	614	451	10	490
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	614	778	10	752
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	614		10	565
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	614		10	957
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	614	226	10	600
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	614		9	643
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	614		10	675
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	316				371								278	2	324
CF ARM	Power	463				505									1	505
Plus conductor	Power	206				212								217	2	215
120 - B 0-7.5KV Double WOOD arm	Power	619				697								563	2	630
CF ARM	Power	889				966									1	966
Plus conductor	Power	206				212								217	2	215
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684								825	2	1254
CF ARM	Power	1347				1953									1	1953
Plus conductor	Power	250				212								217	2	215
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								332	1	332
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086								672	2	879
CF ARM	Power	799				1279									1	1279
Plus conductor	Power	250				310								217	2	264
120 - F 7.6-15KV Single WOOD arm	Power	302				0								302	1	302
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - G -7.6-15KV Double WOOD arm	Power	602				0								602	1	602
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0								333	1	333
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								670	1	670
CF ARM	Power					0										#DIV/0!
Plus conductor	Power	217				0								217	1	217
120 - J Crossarms-WOOD, standard line-16-115KV Single arm	Power	613				525									1	525
CF ARM	Power	705				659									1	659
16-34KV	Power	255				212								315	2	264
66-115KV	Power	315				0								315	1	315
120 - K Crossarms-WOOD, standard line-16-115KV Double arm	Power	802				1348								631	2	990
CF ARM	Power	780				1617									1	1617
16-34KV	Power	482				212								631	2	422
66-115KV	Power	631				0								631	1	631
120 - L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brackets	Power	1089				2172								865	2	1518
CF ARM	Power	1567				2441									1	2441
16-34KV	Power	865				212								865	2	539
66-115KV	Power	865				0								865	1	865
120 - M Crossarms-WOOD, standard line-16-115KV Sidearm single	Power	460				0								460	1	460
CF ARM	Power					0										#DIV/0!
16-34KV	Power	460				0								460	1	460
66-115KV	Power	460				0								460	1	460
120 - N Crossarms-WOOD, standard line-16-115KV Sidearm Double	Power	785				1737								706	2	1222
CF ARM	Power	1438				1930									1	1930
16-34KV	Power	495				310								706	2	508
66-115KV	Power	706				0								706	1	706
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	1556				1030								2497	2	1763
Plus conductor	Power	250				310								217	2	264
121 - B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668									1	1668
Plus conductor	Power	250				310								217	2	264
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	99				142								72	2	107
122 - B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0								104	1	104
122 - C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446								141	2	294
122 - D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0								266	1	266
122 - E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0								131	1	131
122 - F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474								142	2	308
122 - G Insulators incl. Pins/hardware/66kV post type ea	Power	390				0								390	1	390
122 - H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0								181	1	181
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!
123 - A Deadends on arms, direct to pole p/ea. Strain-0-750 v.2nd	Power	103				155								64	2	109
123 - B Deadends on arms, direct to pole p/ea. Strain-750-7500v.primary	Power	121				198								81	2	139

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
123 -C Deadends on arms, direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								81	1	81
123 -D Deadends on arms, direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								155	1	155
123 -E Deadends on arms, direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								373	1	373
123 -F Deadends on arms, direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290								537	2	414
123 -G Deadends on arms, direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324								585	2	455
123 -H Deadends on arms, direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								1072	1	1072
123 -I Deadends on arms, direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	1135				0								1135	1	1135
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								74	1	74
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								165	1	165
Add \$180 for each additional insulator on item (g).	Power	180				0								180	1	180
Add \$246 for each additional insulator on item (h).	Power	246				0								246	1	246
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								262	1	262
124 -A Racks/Brackets, secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206								241	2	224
Plus conductor ea.	Power	183				163								217	2	190
124 -B Racks/Brackets, secondary - Bracket, triplex	Power	156				155								170	2	162
Plus triplex conductor ea.	Power	185				163								220	2	192
125 - Ground assembly, complete Note: For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.	Power	462				574								409	2	491
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								841	1	841
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								946	2	679
132-A mounting bracket: two transformers	Power	389				480								320	2	400
132-B mounting bracket: three transformers	Power	599				673								453	2	563
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	163			150		180	180	180	180	180	180	203		8	179
160 - A Crossarms-single wood service	Communication	234			310		270	270	270	270	270	270	101		8	254
160-B Crossarms-Double wood service	Communication	261			492		270	270	270	270	270	270	101		8	277
160-C Crossarms/Composite Fiberglass Arm	Communication	232			0		270	270	270	270	270	270	101		7	246
160-D Crossarms-Attach to existing arm no charge	Communication															
161 - A Guardarm-single wood service	Communication	243			310		270	270	270	270	270	270	101		8	254

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
161-B - Guardarms-Double wood service	Communication	280			492		360	360	360	360	360	360	101		8	344
161-C - Guardarms-Composite Fiberglass	Communication	225			0		270	270	270	270	270	270	101		7	246
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91			130		45	45	45	45	45	45	34		8	54
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49			66		45	45	45	45	45	45	34		8	46
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	233			308		270	270	270	270	270	270	101		8	254
CF ARM	Communication	188			0		200	200	200	200	200	200	101		7	186
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	253			423		270	270	270	270	270	270	101		8	268
CF ARM	Communication	200			0		200	200	200	200	200	200	101		7	186
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable	Communication	230			433		270	270	270	270	270	270	101		8	269
CF ARM	Communication	182			0		200	200	200	200	200	200	203		7	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	203		8	245
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm-NO CHARGE																
165 - Cable attached direct to interset pole, each	Communication	192			197		270	270	270	270	270	270	115		8	241
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73			69		68	68	68	68	68	68	115		8	74
167 - A Messenger without cable - single arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - B Messenger without cable - Double arm	Communication	249			278		270	270	270	270	270	270	614		8	314
167 - C Messenger without cable - Extension arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - D Messenger without cable - Direct to pole	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - E Messenger without cable - additional messenger	Communication	234			75		270	270	270	270	270	270	614		8	289
168 - Multiple distribution service wire attached to pole/arm	Communication	92			133		90	90	90	90	90	90	137		8	101
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	71		8	99
NOTE: Billing is optional, depending on policy of utility.																
170 - Bonding to secondary neutral ground, per pole	Communication	123			64		180	180	180	180	180	180	81		8	153
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 embedded in pole prices (see Definitions of Pole Price Element).																
Column 1: <i>Item number and definition.</i> Authorized Cost item number, and description.																
Column 2: <i>Power/Communication/Both</i> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, then only a power or communication utility may propose a cost. If BOTH is designated, then either type utility may propose a cost.																
Column 3: <i>Direct Labor (loaded)</i> 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: <i>Total Labor Hours</i> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.																
Column 5: <i>Total Direct Labor</i> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.																
Column 6: <i>Material Cost (FOB)</i> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.																
Column 7: <i>Equipment Expense</i> 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: <i>General and Administrative</i> 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: <i>Total Cost</i> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.																

SCJPC Authorized Cost Matrix Worksheet
 Effective January 2017 Authorized Costs Matrix 2017-2018_Draft04

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
**** 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.																

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	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		65.00	6.00	12.00	1170.00	480.00 (**)	468.00	78.00	175.50	2372	1	480	2372	SPR		
FON		65.00	6.00	12.00	1170.00	480.00 (**)	468.00	78.00	175.50	2372	1	480	2372	FON		
NXT	4	237.38	2.00	6.00	1899.04	1223.49		147.13		3270	1	1223	3270	NXT		
PBM		63.00	10.50	16.80	1719.90	488.25 **	*	*	*	2208	1	488	2208	PBM		
	Salvage	607														
									TOTALS	13800	6	3643	13800			
								Wgt Ave		2300		607				
	2016	PROP.	%													
	PRICE	2017	CHG.													
	2438	2300	-6													

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	4	2477	7906	ATC		
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *	N/A	174.64	1976	1	619	1976	TCA		
SPR		65.00	6.00	12.00	1170.00	560.00 (**)	468.00	78.00	175.50	2452	1	560	2452	SPR		
FON		65.00	6.00	12.00	1170.00	560.00 (**)	468.00	78.00	175.50	2452	1	560	2452	FON		
NXT	4	237.38	2.00	6.00	1899.04	1371.98		147.13		3418	1	1372	3418	NXT		
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	4230	1	1400	4230	TWN/S		
PBM		63.00	10.50	18.90	1852.2	611.10 **	*	*	*	2463	1	611	2463	PBM		
	Salvage	760														
									TOTALS	18967	10	7599	24897			
								Wgt Ave		2490		760				
	2016	PROP.	%													
	PRICE	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				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	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				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	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									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	1246.89	498.74*		N/A	333.40	3354	4	4988	13416	
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74*		N/A	333.40	3354	1	1247	3354	
SPR		65.00	8.00	18.00	1690.00	985.00 (**)		676.00	78.00	253.50	3683	2	1970	7365	
FON		65.00	8.00	18.00	1690.00	985.00 (**)		676.00	78.00	253.50	3683	1	985	3683	
NXT	4	237.38	2.00	6.00	1899.04	1828.44			147.13		3875	1	1828	3875	
PBM		63.00	10.50	29.40	2513.70	1092.00**	*	*	*	*	3606	5	5460	18029	
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	H4	92.58	1.00	5.00	555.48	1300.00	130.00	416.00	200.00	100.00	2701	1	1300	2701	
Salvage		1158									TOTALS	26351	16	18528	54519
									Wgt Ave		3407		1158		

2016	PROP.	%
PRICE	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									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	1356.40	542.57*		N/A	333.40	4017	1	1356	4017	
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57*		N/A	333.40	4017	1	1356	4017	
SPR		65.00	10.00	20.00	1950.00	1025.00 (**)		780.00	78.00	292.50	4126	1	1025	4126	
FON		65.00	10.00	20.00	1950.00	1025.00 (**)		780.00	78.00	292.50	4126	1	1025	4126	
PBM		63.00	10.50	35.70	2910.60	1260.00**	*	*	*	*	4171	4	5040	16682	
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	H2	92.58	1.00	8.00	833.22	1450.00	145.00	416.00	200.00	100.00	3144	1	1450	3144	
V	H5	92.58	1.00	8.00	833.22	1750.00	175.00	416.00	200.00	100.00	3474	1	1750	3474	
Salvage		993									TOTALS	29614	43	42703	123381
									Wgt Ave		2869		993		

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

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		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 PRICE	PROP. 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	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	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	PROP.	%						Wgt Ave		11378				
	PRICE	2017	CHG.												
	16561	11378	-31												

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		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	PROP.	%						Wgt Ave		10793				
	PRICE	2017	CHG.												
	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)

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:
Person Completing Worksheet:
Call Back Telephone Number:

SOUTHERN CALIFORNIA EDISON COMPANY
Gerald Wayne Brown
(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25' / 5	\$236.70	4.00	8.20	\$2,887.74	\$249.96	\$21.37	*	\$236.70	\$476.43	\$3,872.20	3,572	8.40%	250
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$324.42	\$27.74	*	\$236.70	\$487.77	\$3,964.37	3,674	7.90%	324
35' / 3	\$236.70	4.00	8.20	\$2,887.74	\$544.46	\$46.55	*	\$236.70	\$521.28	\$4,236.73	3,971	6.69%	544

**SCJPC POLE PRICE MATRIX WORKSHEET
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Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(909) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
40' / 1	\$236.70	4.00	10.40	\$3,408.48	\$845.17	\$72.26	*	\$236.70	\$640.13	\$5,202.74		#DIV/0!	845
40' / 2	\$236.70	4.00	10.40	\$3,408.48	\$746.18	\$63.80	*	\$236.70	\$625.06	\$5,080.22	\$4,856.96	4.60%	746
40' / 3	\$236.70	4.00	10.40	\$3,408.48	\$638.52	\$54.59	*	\$236.70	\$608.66	\$4,946.95		#DIV/0!	639
40' / 4	\$236.70	4.00	10.40	\$3,408.48	\$548.87	\$46.93	*	\$236.70	\$595.01	\$4,835.99		#DIV/0!	549
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$469.75	\$40.16	*	\$236.70	\$582.96	\$4,738.05		#DIV/0!	470
40' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,258.28	\$107.58	*	\$236.70	\$703.05	\$5,714.09	\$5,394.95	5.92%	1,258
40' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,405.33	\$120.16	*	\$236.70	\$725.45	\$5,896.12	\$5,492.30	7.35%	1,405
40' / H3	\$236.70	4.00	10.40	\$3,408.48	\$1,693.70	\$144.81	*	\$236.70	\$769.36	\$6,253.05	\$5,908.61	5.83%	1,694

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323 2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
45' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,194.97	\$102.17	*	\$236.70	\$693.41	\$5,635.73		#DIV/0!	1,195
45' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,061.30	\$90.74	*	\$236.70	\$673.05	\$5,470.27	\$5,119.32	6.86%	1,061
45' / 3	\$236.70	4.00	10.40	\$3,408.48	\$799.11	\$68.32	*	\$236.70	\$633.12	\$5,145.73		#DIV/0!	799
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$647.32	\$55.35	*	\$236.70	\$610.00	\$4,957.85		#DIV/0!	647
45' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
45' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,463.47	\$125.13	*	\$236.70	\$734.30	\$5,968.08	\$5,584.07	6.88%	1,463
45' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,747.88	\$149.44	*	\$236.70	\$777.61	\$6,320.11	\$5,959.26	6.06%	1,748
45' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,014.90	\$172.27	*	\$236.70	\$818.28	\$6,650.63	\$6,279.07	5.92%	2,015
45' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,309.24	\$197.44	*	\$236.70	\$944.47	\$7,676.25	\$7,187.94	6.79%	2,309
45' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,489.78	\$212.88	*	\$236.70	\$971.96	\$7,899.72	\$7,455.24	5.96%	2,490

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,374.77	\$117.54	*	\$236.70	\$720.79	\$5,858.28		#DIV/0!	1,375
50' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,138.62	\$97.35	*	\$236.70	\$684.83	\$5,565.98	\$5,368.59	3.68%	1,139
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$920.44	\$78.70	*	\$236.70	\$651.60	\$5,295.92		#DIV/0!	920
50' / 4	\$236.70	4.00	10.40	\$3,408.48	\$815.65	\$69.74	*	\$236.70	\$635.64	\$5,166.21		#DIV/0!	816
50' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
50' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,718.52	\$146.93	*	\$236.70	\$773.14	\$6,283.77	\$5,921.60	6.12%	1,719
50' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,974.19	\$168.79	*	\$236.70	\$812.08	\$6,600.24	\$6,235.16	5.86%	1,974
50' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,297.83	\$196.46	*	\$236.70	\$861.37	\$7,000.84	\$6,655.45	5.19%	2,298
50' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,580.34	\$220.62	*	\$236.70	\$985.76	\$8,011.82	\$7,525.76	6.46%	2,580
50' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,853.04	\$243.94	*	\$236.70	\$1,027.29	\$8,349.37	\$7,901.08	5.67%	2,853

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
55' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,653.63	\$141.39	*	\$236.70	\$763.26	\$6,203.46		#DIV/0!	1,654
55' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,209.42	\$103.41	*	\$236.70	\$695.61	\$5,653.62	\$5,553.02	1.81%	1,209
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$998.31	\$85.36	*	\$236.70	\$663.46	\$5,392.31		#DIV/0!	998
55' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
55' / 5	\$236.70	4.00	10.40	\$3,408.48	\$700.62	\$59.90	*	\$236.70	\$618.12	\$5,023.82		#DIV/0!	701
55' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,895.78	\$162.09	*	\$236.70	\$800.14	\$6,503.19	\$6,161.63	5.54%	1,896
55' / H2	\$236.70	4.00	10.40	\$3,408.48	\$2,182.62	\$186.61	*	\$236.70	\$843.82	\$6,858.23	\$6,516.68	5.24%	2,183
55' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,647.13	\$226.33	*	\$236.70	\$995.93	\$8,094.49	\$7,698.59	5.14%	2,647
55' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,842.92	\$243.07	*	\$236.70	\$1,025.75	\$8,336.84	\$7,940.94	4.99%	2,843
55' / H5	\$236.70	4.25	12.60	\$3,988.40	\$3,210.57	\$274.50	*	\$236.70	\$1,081.74	\$8,791.91	\$8,396.01	4.72%	3,211

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
60' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,744.15	\$149.12	*	\$236.70	\$777.04	\$6,315.49	\$6,227.83	1.41%	1,744
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,424.63	\$121.81	*	\$236.70	\$728.38	\$5,920.00		#DIV/0!	1,425
60' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,321.35	\$198.48	*	\$236.70	\$946.31	\$7,691.24	\$7,347.38	4.68%	2,321
60' / H2	\$236.70	4.25	12.60	\$3,988.40	\$2,545.83	\$217.67	*	\$236.70	\$980.50	\$7,969.10	\$7,712.19	3.33%	2,546
60' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,911.22	\$248.91	*	\$236.70	\$1,036.15	\$8,421.38	\$8,152.26	3.30%	2,911
60' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,234.57	\$276.56	*	\$236.70	\$1,085.39	\$8,821.62	\$8,536.99	3.33%	3,235
60' / H5	\$236.70	4.25	15.50	\$4,674.83	\$3,566.40	\$304.93	*	\$236.70	\$1,232.24	\$10,015.10	\$9,691.67	3.34%	3,566

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

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Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951)323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
65' / 1	\$236.70	4.00	10.40	\$3,408.48	\$2,272.07	\$194.26	*	\$236.70	\$857.44	\$6,968.95	\$6,743.32	3.35%	2,272
65' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,887.35	\$161.37	*	\$236.70	\$798.85	\$6,492.75		#DIV/0!	1,887
65' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 5	\$236.70	4.00	10.40	\$3,408.48	\$674.64	\$57.68	*	\$236.70	\$614.16	\$4,991.66		#DIV/0!	675
65' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,619.88	\$224.00	*	\$236.70	\$991.78	\$8,060.76	\$7,757.39	3.91%	2,620
65' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,033.43	\$259.36	*	\$236.70	\$1,054.76	\$8,572.65	\$8,319.50	3.04%	3,033
65' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,386.79	\$289.57	*	\$236.70	\$1,108.58	\$9,010.04	\$8,641.03	4.27%	3,387
65' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,777.14	\$322.95	*	\$236.70	\$1,168.02	\$9,493.21	\$9,186.69	3.34%	3,777
65' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,148.91	\$354.73	*	\$236.70	\$1,320.95	\$10,736.12	\$9,905.72	8.38%	4,149

**SCJPC POLE PRICE MATRIX WORKSHEET
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 Person Completing Worksheet: **Gerald Wayne Brown**
 Call Back Telephone Number: **(951) 323-2354**

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
70' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,556.67	\$218.60	*	\$236.70	\$982.15	\$7,982.52	\$7,750.90	2.99%	2,557
70' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,170.44	\$185.57	*	\$236.70	\$841.97	\$6,843.16		#DIV/0!	2,170
70' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,868.38	\$245.25	*	\$236.70	\$1,029.62	\$8,368.35	\$7,788.51	7.44%	2,868
70' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,295.93	\$281.80	*	\$236.70	\$1,094.74	\$8,897.57	\$8,353.66	6.51%	3,296
70' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,733.78	\$319.24	*	\$236.70	\$1,161.42	\$9,439.54	\$8,679.36	8.76%	3,734
70' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,283.61	\$366.25	*	\$236.70	\$1,341.46	\$10,902.85	\$9,948.14	9.60%	4,284
70' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,640.33	\$396.75	*	\$236.70	\$1,395.79	\$11,344.40		#DIV/0!	4,640

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2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
75' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,888.96	\$247.01	*	\$236.70	\$1,032.76	\$8,393.83	\$8,142.36	3.09%	2,889
75' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,390.18	\$204.36	*	\$236.70	\$875.43	\$7,115.15		#DIV/0!	2,390
75' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 5	\$236.70	4.00	10.40	\$3,408.48	\$835.75	\$71.46	*	\$236.70	\$638.70	\$5,191.09		-36.25%	836
75' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,174.41	\$271.41	*	\$236.70	\$1,076.23	\$8,747.15	\$8,484.37	3.10%	3,174
75' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,730.23	\$318.93	*	\$236.70	\$1,160.88	\$9,435.14	\$9,076.81	3.95%	3,730
75' / H3	\$236.70	4.25	12.60	\$3,988.40	\$4,198.43	\$358.97	*	\$236.70	\$1,232.18	\$10,014.68	\$9,547.36	4.89%	4,198
75' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,847.99	\$414.50	*	\$236.70	\$1,427.41	\$11,601.43	\$11,037.08	5.11%	4,848
75' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,665.19	\$484.37	*	\$236.70	\$1,551.87	\$12,612.96	\$11,662.16	8.15%	5,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
80' / 1	\$236.70	4.25	12.60	\$3,988.40	\$1,921.51	\$164.29	*	\$236.70	\$885.42	\$7,196.32	\$8,760.74	-17.86%	1,922
80' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-52.55%	0
80' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,692.44	\$315.70	*	\$236.70	\$1,155.12	\$9,388.36	\$8,873.23	5.81%	3,692
80' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,130.61	\$353.17	*	\$236.70	\$1,318.16	\$10,713.47	\$10,358.98	3.42%	4,131
80' / H3	\$236.70	4.25	15.50	\$4,674.83	\$4,750.22	\$406.14	*	\$236.70	\$1,412.52	\$11,480.41	\$10,889.86	5.42%	4,750
80' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,329.08	\$455.64	*	\$236.70	\$1,500.68	\$12,196.93	\$11,559.10	5.52%	5,329
80' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,149.42	\$525.77	*	\$236.70	\$1,625.62	\$13,212.34	\$12,396.10	6.58%	6,149

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
85' / 1	\$236.70	4.25	12.60	\$3,988.40	\$3,400.56	\$290.75	*	\$236.70	\$1,110.67	\$9,027.08	\$9,181.49	-1.68%	3,401
85' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,584.27	\$135.46	*	\$236.70	\$752.70	\$6,117.61		-33.37%	1,584
85' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,113.35	\$351.69	*	\$236.70	\$1,315.53	\$10,692.10	\$9,910.66	7.88%	4,113
85' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,220.06	\$360.82	*	\$236.70	\$1,331.79	\$10,824.20	\$10,794.92	0.27%	4,220
85' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,053.91	\$432.11	*	\$236.70	\$1,458.78	\$11,856.33	\$11,369.91	4.28%	5,054
85' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,796.78	\$495.62	*	\$236.70	\$1,571.91	\$12,775.84	\$12,199.73	4.72%	5,797
85' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,665.38	\$569.89	*	\$236.70	\$1,704.20	\$13,851.00	\$13,261.94	4.44%	6,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
90' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,087.03	\$349.44	*	\$236.70	\$1,311.52	\$10,659.52	\$10,661.12	-0.02%	4,087
90' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-61.01%	0
90' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,249.68	\$363.35	*	\$236.70	\$1,336.30	\$10,860.86	\$10,629.59	2.18%	4,250
90' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,669.21	\$399.22	*	\$236.70	\$1,400.19	\$11,380.15	\$10,314.60	10.33%	4,669
90' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,393.87	\$461.18	*	\$236.70	\$1,510.55	\$12,277.13	\$12,134.11	1.18%	5,394
90' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,394.71	\$546.75	*	\$236.70	\$1,662.97	\$13,515.96	\$12,982.16	4.11%	6,395
90' / H5	\$236.70	4.25	15.50	\$4,674.83	\$7,080.36	\$605.37	*	\$236.70	\$1,767.40	\$14,364.66	\$14,122.71	1.71%	7,080

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**
 Person Completing Worksheet: **Gerald Wayne Brown**
 Call Back Telephone Number: **(951) 323-2354**

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMENTS EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
95' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,218.09	\$360.65	*	\$236.70	\$1,331.48	\$10,821.75	\$11,080.79	-2.34%	4,218
95' / 2	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 3	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		-100.00%	0
95' / H1	\$236.70	4.25	15.50	\$4,674.83	\$3,204.97	\$274.02	*	\$236.70	\$1,177.19	\$9,567.71	\$11,342.52	-15.65%	3,205
95' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,638.12	\$396.56	*	\$236.70	\$1,395.45	\$11,341.66	\$11,756.50	-3.53%	4,638
95' / H3	\$236.70	4.25	15.50	\$4,674.83	\$3,997.24	\$341.76	*	\$236.70	\$1,297.85	\$10,548.38	\$12,647.40	-16.60%	3,997
95' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,832.09	\$584.14	*	\$236.70	\$1,729.58	\$14,057.34	\$13,518.88	3.98%	6,832
95' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,515.70	\$471.59	*	\$236.70	\$1,529.10	\$12,427.92	\$14,708.82	-15.51%	5,516

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT FIBERGLASS POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----			
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$864.16	\$73.89	*	\$236.70	\$528.12	\$4,590.61	\$4,372.06	5.00%	864
35' / 5	\$236.70	4.00	8.20	\$2,887.74	\$1,690.25	\$144.52	*	\$236.70	\$644.70	\$5,603.91	\$5,394.77	3.88%	1,690
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,945.58	\$166.35	*	\$236.70	\$748.42	\$6,505.53	\$6,262.29	3.88%	1,946
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$2,092.31	\$178.89	*	\$236.70	\$769.13	\$6,685.51	\$6,449.77	3.66%	2,092
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,572.37	\$219.94	*	\$236.70	\$836.87	\$7,274.36	\$7,044.09	3.27%	2,572
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,885.30	\$246.69	*	\$236.70	\$881.03	\$7,658.20	\$7,499.62	2.11%	2,885
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$5,749.13	\$491.55	*	\$236.70	\$1,285.16	\$11,171.02	\$11,098.81	0.65%	5,749
65' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,361.66	\$458.42	*	\$236.70	\$1,298.18	\$11,284.18	\$11,086.73	1.78%	5,362
70' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,366.39	\$458.83	*	\$236.70	\$1,298.85	\$11,289.99	\$11,092.58	1.78%	5,366
75' / H3	\$236.70	4.00	12.60	\$3,929.22	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
80' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
85' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
90' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
95'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
100'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
105'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
110'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

951-323-2354

2017 JOINT STEEL POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	CRANE CHARGE	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----	----			
30'	----	----	----	----	----	----	----	----	----	----	----			
35'	----	----	----	----	----	----	----	----	----	----	----			
40' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,152.96	\$269.58	*	\$236.70	\$410.00	\$972.10	\$8,449.82	8,649.36	-2.31%	3,153
45' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,490.66	\$298.45	*	\$236.70	\$410.00	\$1,019.76	\$8,864.05	9,119.97	-2.81%	3,491
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$3,365.95	\$287.79	*	\$236.70	\$580.00	\$1,024.26	\$8,903.18	8,678.00	2.59%	3,366
55' / 1	\$236.70	5.00	10.40	\$3,645.18	\$3,426.43	\$292.96	*	\$236.70	\$580.00	\$1,063.57	\$9,244.84	9,471.41	-2.39%	3,426
60' / 1	\$236.70	5.00	10.40	\$3,645.18	\$4,150.82	\$354.90	*	\$236.70	\$580.00	\$1,165.79	\$10,133.39	10,035.83	0.97%	4,151
65' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,376.16	\$374.16	*	\$236.70	\$850.00	\$1,300.38	\$11,303.32	10,627.10	6.36%	4,376
70' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,610.44	\$394.19	*	\$236.70	\$850.00	\$1,333.44	\$11,590.69	10,903.58	6.30%	4,610
75' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,900.31	\$418.98	*	\$236.70	\$790.00	\$1,366.55	\$11,878.46	11,322.31	4.91%	4,900
80' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,151.84	\$440.48	*	\$236.70	\$790.00	\$1,402.04	\$12,186.98	11,619.85	4.88%	5,152
85' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,409.28	\$462.49	*	\$236.70	\$1,000.00	\$1,465.67	\$12,740.06	12,165.34	4.72%	5,409
90' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,652.00	\$483.25	*	\$236.70	\$1,230.00	\$1,619.06	\$14,073.36	13,467.75	4.50%	5,652
95' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,894.80	\$504.01	*	\$236.70	\$1,230.00	\$1,653.32	\$14,371.18	13,797.31	4.16%	5,895
100' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,144.23	\$525.33	*	\$236.70	\$1,230.00	\$1,688.52	\$14,677.13	13,957.47	5.16%	6,144
105' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,386.65	\$546.06	*	\$236.70	\$1,230.00	\$1,722.73	\$14,974.49	14,234.39	5.20%	6,387
110' / 1	\$236.70	5.00	15.50	\$4,852.35	\$7,254.58	\$620.27	*	\$236.70	\$1,230.00	\$1,845.21	\$16,039.11	15,330.56	4.62%	7,255

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

Please submit to SCJPC by:
February 10, 2017

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **William Kearns**

Call Back Telephone Number & Email: **760-475-3745**

***** Weighted Average **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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
25'	2	75	8	11	1425	356	31	*	92	28	1,933	1879.55
	3	75	8	11	1425	297	25	*	92	28	1,868	1814.63
	4	75	8	11	1425	251	21	*	92	28	1,817	1764
	5	75	8	11	1425	220	19	*	92	28	1,784	1731.45
30'	2	75	8	11	1425	474	41	*	92	28	2,061	2007.51
	3	75	8	11	1425	391	33	*	92	28	1,969	1915.89
	4	75	8	11	1425	344	29	*	92	28	1,919	1865.61
	5	75	8	11	1425	289	25	*	92	28	1,860	1806.59
35'	2	75	8	11	1425	569	49	*	92	28	2,163	2110.38
	3	75	8	11	1425	487	42	*	92	28	2,074	2021.37
	4	75	8	11	1425	441	38	*	92	28	2,024	1970.74
	5	75	8	11	1425	336	31	*	92	28	1,912	1859.47
40'	2	75	8	11	1425	712	61	*	92	28	2,319	2265.49
	3	75	8	11	1425	617	51	*	92	28	2,214	2160.62
	4	75	8	11	1425	553	45	*	92	28	2,143	2089.75
	5	75	8	11	1425	450	39	*	92	28	2,034	1981.39
45'	2	75	8	11	1425	868	74	*	92	28	2,487	2434.47
	3	75	8	11	1425	800	67	*	92	28	2,412	2359.03
	4	75	8	11	1425	643	55	*	92	28	2,243	2190.35
	5	75	8	11	1425	560	48	*	92	28	2,153	2099.74
50'	2	75	8	14	1650	1238	87	*	92	28	3,095	3033.81

	3	75	8	14	1650	873	75	*	92	28	2,718	2656.95
	4	75	8	14	1650	749	64	*	92	28	2,584	2522.14
	5											
55'	2	75	8	14	1650	1359	100	*	92	28	3,229	3167.57
	3	75	8	14	1650	1029	88	*	92	28	2,887	2825.93
	4											
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	3175.53
	3	75	8	14	1650	1150	98	*	92	28	3,018	2956.53
65'	2	75	8	14	1650	1648	141	*	92	28	3,559	3498.01
	3	75	8	14	1650	1319	113	*	92	28	3,202	3140.37
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: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

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

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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 **xxxxxxx**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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** *****

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

1		2		3		4		5		6		7		8		9		10		11		2016 COST	% Difference	Salvage 2017
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 (\$)													
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	1789.77	0%	486										
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%	619										
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%	754										
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%	981										
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%	1247										
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%	1356										
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%	1520										
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%	1693										
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%	1943										
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%	3262										
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES										

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXX** Individual Costs **XXXXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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!

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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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'	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		
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

(****) 2/14/2017 Please designate if you choose to publish your costs individually or be included in the weighted average 2017 Pole Prices worksheet Draft 04 ALL COMBINED
2017 M FBGLASS MULTI (CM)

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**
 The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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	Salvage 2017
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%	2156
35'		0	0	0	0						\$0		#DIV/0!	0
40'		0	0	0	0						\$0		#DIV/0!	0
45'		0	0	0	0						\$0		#DIV/0!	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%	2423
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%	3356
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%	3571
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%	3790
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%	4211
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%	4448
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%	4521
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%	4747
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%	4416
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%	4726
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%	4611
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%	4955
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%	5559
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%	7107

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 ft-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
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

April 18, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:05 am at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. Ed Loescher – Frontier Communications
Ms. Lynn Prescott – Verizon Wireless
Ms. Manijeh Carmichael – AT&T California
Ms. Maria Ortiz – XO Communications
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Shawn Henderson – T-Mobile USA
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. Alicia Smith - Sprint Comm/Sprint-Nextel
Mr. Alex Parra – City of Riverside
Ms. Yvonne Johnson - AT&T Mobility
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Megan Stewart – Frontier Communications
Ms. Wendy Muller - Extenet

Ms. Hernandez called the meeting to order at 9:05 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) – Ms. Hernandez explained the 2017-2018 Authorized Costs would be finalized at this month’s Admin meeting. She suggested revisiting next month

when the committee can compare the average costs to individual costs. Ms. Carmichael expressed her feelings on Authorized Costs staying the way it is. She feels it perfectly fair the way it is. Mr. Williams explained there are other Authorized Costs that have separate pricing for power and communication. He feels it may be a good idea to add a few items to that list. Ms. Hernandez feels it would make sense to discuss once members have had a chance to compare the average to the individual prices. The committee agreed to revisit next month.

Agenda Item 3 – Review of Pending Authorized Cost Items – See below

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Mr. Brown (LADWP) asked for discussion on this item. He feels this item should fall under section 1.2. Ms. Hernandez agreed it would be best. Ms. Black then asked members what the pricing methodology would be. Mr. Williams explained he feels the pricing should be hourly based. The committee agreed. Ms. Carmichael suggested keeping the current item number and adding a note stating section 1.2 is needed. The committee agreed to revisit this item for further discussion next month.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Ms. Hernandez asked members to research their current costs for traffic control, including drawings, as well as costs already included in pole prices and report back, but no one had time to do this. Mr. Brown (LADWP) once is leaning toward section 1.2 on this item. Mr. Brown (Edison) explained Edison is trying to move away from section 1.2 as much as possible. He then suggested creating a subcategory for flaggers & permit costs. Mr. Williams agreed they should be able to come up with an Authorized Cost for flaggers and permit costs but any further costs should fall under section 1.2. LADWP and Edison agreed to work on coming up with a price. Ms. Carmichael reminded the committee this will not be in effect until 2019. Mr. Williams explained the committee should still discuss guidelines on how the members should apply these fees. Ms. Hernandez asked the members if they wanted to come up with the criteria for this item. Mr. Williams feels it would be best to discuss this with the Admin Board at tomorrow’s meeting. Ms. Hernandez agreed and asked Ms. Pranata to add it to the discussion board.

Agenda Item 7 – Review of 2017 Authorized Costs – Ms. Hernandez informed the committee this item will be voted on in tomorrow’s Administrative board meeting.

Agenda Item 8 – Review of 2017 Pole Prices – Ms. Hernandez informed the committee this item will be voted on in tomorrow’s Administrative board meeting.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – Mr. Brown (Edison) asked Ms. Pranata to bring up the “Definition of Elements” document. He asked where exactly the Traffic Control was included. After further review

Ms. Hernandez explained it's included in the set up and take down. After some discussion the committee decided to review the WATCH manual to decide which scenarios are included in the set up and take down. Will revisit next month.

Review of Action Items:

- Members to discuss criteria for fees associated with flagmen for traffic control.
- Mr. Brown (LADWP) to provide the WATCH manual for review.

The ad hoc meeting adjourned at 9:37 a.m. The next meeting is scheduled for May 16, 2017.

Jenny Silva – Committee Staff

Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Crane charges

Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746

From: Colvin, Marshall
Sent: Thursday, September 08, 2016 7:22 AM
To: Brown, Steve R.
Cc: Smith, John A. (Fleet)
Subject: RE: Crane charges

Hello Steve,
Sorry this has taken so long , with limited dimensions and radius's here is what a 200 ton crane would be,
Crane- 108.00 an hour
Operator- 360.00 an hour
Driver/Oiler-132.00 an hour
Support truck132.00 an hour X2
If you have any questions, please give me a call.
Thank you

Marshall Colvin
Crane and Equipment Supervisor
Central Crane Desk
Office: 818-771-4955
Cell: 213-792-6507

From: Brown, Steve R.
Sent: Thursday, September 08, 2016 6:56 AM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: RE: Crane charges

Hi John,
You were going to send me contractor prices for cranes

Steve R. Brown
Transmission & Distribution District Supervisor

*Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your crane services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place for different size cranes that we could use to determine a charge to other entities? Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
To: Brown, Steve R.
Cc: Amati, Maurizio
Subject: RE: Helicopter Costs

Steve, Fleet Policy is to charge 4 hours or 8 hours of usage, depending on the length of the job. We have two types of helicopters, the Bell 206L-3: \$855.59 per hour/ The Bell 407: \$998.59 per hour. These rates include the pilot. We are in the process of replacing the Bell 206L-3's with the Airbus H-125 B3e Helicopter. The Airbus will give us increased lifting capability at higher altitudes and temperatures. The usage rates have not been established for the Airbus.

From: Brown, Steve R.
Sent: Friday, August 19, 2016 9:29 AM
To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
Subject: Helicopter Costs

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place that we could use to determine a charge to other entities?
Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

An approximate hourly cost for a 90/140 ton size operated crane is about \$350 an hour, that comes with an operator, rigger/oiler, the operator typically drives the semi which hauls the counter weights for the crane, the rigger/oiler drives the crane to the job sites. Included with that are any travel permits needed for the crane, any FAA permits (where applicable). Each job is job walked to evaluate the specs and ensure the proper size equipment is sent out, typically 90/140 cranes are utilized majority of the time for property line pole sets. The capacity of those size cranes varies by weight and size of the poles we're setting, which we identify at the time of the job walk, we also do this to identify job hazards to ensure safety, cost effectiveness and efficiency with respective cities on encroachment permits for street closures. Sometimes we'll go out and identify that the crane can set on private property which will cut costs of traffic control & street closures, at that time we determine if we need traffic control out there for safety of our customers or if we can safely perform our crane work from the private property. If the crane will be sitting in a public thoroughfare, traffic control will be required which can run about \$3,000.00 for an 8 hour day, in that cost is included no parking postings (typically 48 hours before street closure), engineered traffic control, encroachment permits with respective city/county, 2 traffic control specialists who ensure no vehicle or pedestrians come within the coned off work area (street closure) at each end of the closure.

So total rough estimate for a 'typical' pole replacement is approximately \$6,000.00 for the crane and traffic control. Sometimes after we job walk jobs, we determine a larger crane will be needed or changing conditions will slow the set running into overtime hours, so costs will vary per job. This cost estimate will give you an idea, we can provide costs for larger crane sets on a job by job basis as factors vary per job site.

Richard LaBarge
Joint Pole Organization
Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
P: 909-357-6129 / PAX 16129
C: 909-519-6134
richard.labarge@sce.com



Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	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	1 Comm	1 Power	12	
POLE MAINTENANCE AND MISCELLANEOUS																
1-Trenching/Moving 30'-35' WITH supply	Power	2470	2613			1959								3131	3	2568
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449								4175	3	3188
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776								4175	3	3515
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429								4175	3	3841
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245								8350	2	6298
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225								8350	2	6788
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123								8350	2	7237
1-Trenching/Moving 100' WITH supply	Power	7202				6613								8350	2	7482
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	675		7	945
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	810		7	964
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	945		7	1678
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	675	3131	11	1056
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	810	3131	11	1166
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	945	3131	11	1457
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	1080	3131	11	1582
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990		3131	9	1679
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990		4175	9	1932
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990		4175	9	2060
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990		4175	9	2143
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	\$702	2088	11	954
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	\$837	2088	11	1020
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	\$945	2088	11	1112
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440		2088	10	1791
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440		2088	9	1582
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440		4175	9	1843
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440		4175	9	1871
4- Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690		4175	9	3400
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	699	1044	12	914
5-B Removing From Service: Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	219	209	12	283
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	287	522	12	622
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	219	235	11	598
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	219	436	5	265
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980		511	1086	810	810	810	810	810	810			9	826
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							606		4	1473
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695							763		3	1364
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960										1385		2	1672
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286										2064		2	2175
6-G Pole Stubbing 15.5 Ft metal truss	Power	2308	2286										2388		2	2337
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power	773	1306										273		2	790
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															Delete, no prices Submitted
7 - Intentionally left blank																
8-A Semi Cir. Pole Guards - Installation	Both	158			266	262							135	212	4	219
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232							135	105	4	150
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	699	2088	12	1535
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	603	821	12	1350
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	427	936	12	1271
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	829	1205	12	999
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

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
11-Joint Rights of Way- by special agreement																
12-A-Reserved for future use																
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174								51	3	119
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174								41	3	116
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174								69	3	125
12-E Pole Inspect/Treat-Reject	Power	49	133			174								54	3	120
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174								55	3	143
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	64	63	10	283
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	218	164	11	333
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																
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	135	754	11	306
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	136	220	11	164
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	34	21	12	48
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	3	21	12	48
16-A Backhoe 2/hr minimum	Both	252	305		342	321	270	270	270	270	270	270	7	411	11	273
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	168	205	11	180
17 Title: Wood Pole Fiberglass wrap																
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												1810	1	1810
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												2427	1	2427
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												2428	1	2428
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												116	1	116
18-A ModPole Material & Installation 9'	Power	5635	3025											8323	2	5674
18-B ModPole Material & Installation 14'	Power	6411	3351											9558	2	6455
18-C ModPole Material & Installation 18'	Power	6740	4005											9579	2	6792
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	1080	6263	12	2079
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	1620	8350	12	2452
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	2025	12526	11	3661
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	283	499		256	522	270	270	270	270	270	270	178	391	11	315
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	614	522	11	471
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	178	522	11	262
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	407				604								261	2	433
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - B 0-7.5 kv double arm																
Transfer Arm	Power	791				1159								522	2	841
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - C 0-7.5 kv double arm with																
Transfer Arm	Power	999				2057								652	2	1355
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - D 0-7.5kv sidearm - single																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	391				0								391	1	391
Transfer Conductor (no splicing)	Power	261				0								261	1	261
21 - E 0-7.5kv sidearm - double																
Transfer Arm	Power	1088				1652								652	2	1152
Transfer Conductor (splicing required)	Power	338				408								391	2	400
Transfer Conductor (no splicing)	Power	228				310								261	2	286

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
21 - F 7.6-15kv single arm																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - G 7.6-15kv double arm																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - H 7.6-15kv sidearm - single																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - I 7.6-15kv sidearm - double																
Transfer Arm	Power	913				0								913	1	913
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - J 16-34kv single arm																
Transfer Arm	Power	1130				947								391	2	669
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - K 16-34kv double arm																
Transfer Arm	Power	1432				1323								652	2	987
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - L 16-34kv double arm with																
Transfer Arm	Power	1714				2224								783	2	1503
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - M 16-34kv sidearm - single																
Transfer Arm	Power	652				0								652	1	652
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - N 16-34kv sidearm - double																
Transfer Arm	Power	1779				1796								913	2	1355
Transfer Conductor (splicing required)	Power	468				767								652	2	710
Transfer Conductor (no splicing)	Power	358				669								522	2	596
21 - O 66-115kv single arm																
Transfer Arm	Power	783				0								783	1	783
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - P 66-115kv double arm																
Transfer Arm	Power	1044				0								1044	1	1044
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - Q 66-115kv steel arm																
Transfer Arm	Power	1090				0								1090	1	1090
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
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	222				343								130	2	237
22-B 750-7,500 volt primary	Power	440				490								522	2	506
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633								783	2	1208
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763								783	2	1273
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								783	1	783
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	2064				2384								1957	2	2170
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384								1396	2	1890
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384								2127	2	2255

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23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384								1957	2	2170
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384								1396	2	1890
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384								2127	2	2255
NOTE: Cost of rebonding is included in above prices.																
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359								391	2	375
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718								522	2	620
25 - Ground Wire, Incl. protective covering	Power	510				686								391	2	539
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	300				229								391	2	310
Plus Conductor ea.	Power	205				163								261	2	212
27 - B Bracket, Triplex	Power	213				180								261	2	220
Plus Triplex conductor	Power	205				163								261	2	212
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	130				212								65	2	139
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310								130	2	220
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212								130	2	171
29- A Transformers 1-1/2 to 25 KVA each	Power	2490				3902								2088	2	2995
29- B Transformers 30 to 167 KVA each	Power	2751				3902								2610	2	3256
29- C Mounting Brackets, two transformers	Power	298				474								162	2	318
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	4701				3429								6263	2	4846
30-B Capacitors/capacitor bank non-switched	Power	2612				3200								3131	2	3166
31-A Street Lights Ctr Susp type-span end	Power	1177				0								261	1	261
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								548	1	548
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								261	1	261
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571								548	2	560
31-E Street Lights Mast arm type	Power	627				571								731	2	651
31-F Street Lights Pole top pin and insulator-single	Power	143				276								47	2	161
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								70	1	70
32 Meter of Time Switch Control Box (Price by field agreement)																
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								261	2	392
35-B Insulator mounting brkets-Double(vertical)	Power	360				1045								391	2	718
35-C Insulator mounting brkets-Single, over 40KV	Power	783				0								783	1	783
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								352	1	352
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								509	1	509
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								6263	1	6263
38- Insulator assembly bracket for endarm mountings	Power	679				349								1044	2	697
NOTE: Refer to Item 21 for conductor cost																
39 - Stand-off brackets for jointly used risers (new item)	Power					0										Delete, no prices submitted
40 - Transferring risers (new item)	Power					0										Delete, no prices submitted

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
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)																
TRANSFER COSTS - COMMUNICATION CIRCUITS -----																
74-Semi-circular cable guard ("U" guard): transferring	Communication	205			128		270	270	270	270	270	270	135		8	235
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	101		8	247
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	102		8	255
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	34		8	54
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	3		8	42
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	155		8	103
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	155		8	86
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	68		8	100
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	331		8	411
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	479		8	433
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	331		8	419
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	527		8	447
NOTE: The above prices do not include cable terminals.																
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	178		8	241
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	68		8	219
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	68		8	219
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	331		8	260
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	479		8	282
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	331		8	272
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	527		8	292
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	178		8	249
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	142		8	236
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	594		8	376
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	135		8	335
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	142		8	238
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								240		2	394
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								240		2	298
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								253		2	351
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								240		2	399
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	343			160		321	321	321	321	321	321	225		8	289
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	225		8	296
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	361		8	365
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	469		8	547

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	854		8	840
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	1239		8	1149
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	1461		8	1354
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	2150		8	1900
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	2494		8	2195
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	2838		8	2509
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	2845		8	2788
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	4215		8	3676
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, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	178		8	315
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	1384			1779		1851	1851	1851	1851	1851	1851	257		8	1643
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	520		8	2560
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	648		8	3219
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	776		8	3694
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	1040		8	4782
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	1553		8	6607
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	3888		8	12527
94-A-8 Any size above and beyond by special agreement Section 1.2																
97 -Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	1051		8	765
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																
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	614	557	11	464
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	614	269	11	428
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	13	443	11	346
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	13	339	11	362
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	13	55	11	313
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	974	1079		949	1435	810	810	810	810	810	810	614	1829	11	979
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	614	524	11	701
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	614		11	736
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	614	336	11	672
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	614		9	368
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	614		9	245
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	614	1280	10	616
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	614	367	10	339
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.																

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0		618	0	270	270	270	270	270	270	614	328	9	353
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	614	346	11	339
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	614	354	9	356
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	614	240	9	292
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	471	653		484	0	450	450	450	450	450	450	614	451	10	490
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	614	778	10	752
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	614		10	565
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	614		10	957
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	614	226	10	600
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	614		9	643
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	614		10	675
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	316				371								278	2	324
CF ARM	Power	463				505									1	505
Plus conductor	Power	206				212								217	2	215
120 - B 0-7.5KV Double WOOD arm	Power	619				697								563	2	630
CF ARM	Power	889				966									1	966
Plus conductor	Power	206				212								217	2	215
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684								825	2	1254
CF ARM	Power	1347				1953									1	1953
Plus conductor	Power	250				212								217	2	215
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								332	1	332
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086								672	2	879
CF ARM	Power	799				1279									1	1279
Plus conductor	Power	250				310								217	2	264
120 - F 7.6-15KV Single WOOD arm	Power	302				0								302	1	302
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - G -7.6-15KV Double WOOD arm	Power	602				0								602	1	602
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0								333	1	333
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								670	1	670
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 -J Crossarms- WOOD , standard line-16-115KV Single arm	Power	613				525									1	525
CF ARM	Power	705				659									1	659
16-34KV	Power	255				212								315	2	264
66-115KV	Power	315				0								315	1	315
120 -K Crossarms- WOOD , standard line-16-115KV Double arm	Power	802				1348								631	2	990
CF ARM	Power	780				1617									1	1617
16-34KV	Power	482				212								631	2	422
66-115KV	Power	631				0								631	1	631
120 -L Crossarms- WOOD , standard line-16-115KV Double arm w/rein brckets	Power	1089				2172								865	2	1518
CF ARM	Power	1567				2441									1	2441
16-34KV	Power	865				212								865	2	539
66-115KV	Power	865				0								865	1	865

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
120 -M Crossarms- WOOD , standard line-16-115KV Sidearm single	Power	460				0								460	1	460
CF ARM	Power					0										No Price
16-34KV	Power	460				0								460	1	460
66-115KV	Power	460				0								460	1	460
120 -N Crossarms- WOOD , standard line-16-115KV Sidearm Double	Power	785				1737								706	2	1222
CF ARM	Power	1438				1930									1	1930
16-34KV	Power	495				310								706	2	508
66-115KV	Power	706				0								706	1	706
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	1556				1030								2497	2	1763
Plus conductor	Power	250				310								217	2	264
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668									1	1668
Plus conductor	Power	250				310								217	2	264
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	99				142								72	2	107
122 -B Insulators incl. Pins/hardware/11 or 16kv pin type ea	Power	104				0								104	1	104
122 -C Insulators incl. Pins/hardware/34kv pin type ea	Power	271				446								141	2	294
122 -D Insulators incl. Pins/hardware/66kv pin type ea	Power	266				0								266	1	266
122 -E Insulators incl. Pins/hardware/11 and 16kv post type ea	Power	131				0								131	1	131
122 -F Insulators incl. Pins/hardware/34kv post type ea	Power	293				474								142	2	308
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	390				0								390	1	390
122 -H Insulators incl. Pins/hardware/34-115kv suspension (strain)	Power	181				0								181	1	181
122 -I Silicone Insulators 0-7.5kv pin type, ea	Power					0										Delete. No price submitted.
122 -J Silicone Insulators 11 or 16kv pin type, ea	Power					0										Delete. No price submitted.
122 -K Silicone Insulators 34kv pin type, ea	Power					0										Delete. No price submitted.
122 -L Silicone Insulators 66kv pin type, ea	Power					0										Delete. No price submitted.
122 -M Silicone Insulators 11 and 16kv post type, ea	Power					0										Delete. No price submitted.
122 -N Silicone Insulators 34kv post type, each	Power					0										Delete. No price submitted.
122 -O Silicone Insulators 66kv post type, ea	Power					0										Delete. No price submitted.
122 -P Silicone Insulators 34 to 115kv suspension (strain) type, each insulator	Power					0										Delete. No price submitted.
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103				155								64	2	109
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121				198								81	2	139
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								81	1	81
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								155	1	155
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								373	1	373
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290								537	2	414
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324								585	2	455

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)	
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								1072	1	1072	
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond 4 insul	Power	1135				0								1135	1	1135	
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								74	1	74	
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								165	1	165	
Add \$180 for each additional insulator on item (g).	Power	180				0								180	1	180	
Add \$246 for each additional insulator on item (h).	Power	246				0								246	1	246	
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								262	1	262	
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206								241	2	224	
Plus conductor ea.	Power	183				163								217	2	190	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156				155								170	2	162	
Plus triplex conductor ea.	Power	185				163								220	2	192	
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	462				574								409	2	491	
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										Use 2015-2016 price	
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							841		1	841	
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power	550				0										Use 2015-2016 price	
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power	491				0										Use 2015-2016 price	
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308				0										Use 2015-2016 price	
131 Insulator assembly bracket for endarm mounting	Power	646				411								946	2	679	
132-A mounting bracket: two transformers	Power	389				480								320	2	400	
132-B mounting bracket: three transformers	Power	599				673								453	2	563	
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	163				150		180	180	180	180	180	180	203		8	179
160 - A Crossarms-single wood service	Communication	234				310		270	270	270	270	270	270	101		8	254
160-B Crossarms-Double wood service	Communication	261				492		270	270	270	270	270	270	101		8	277
160-C Crossarms/Composite Fiberglass Arm	Communication	232				0		270	270	270	270	270	270	101		7	246
160-D Crossarms-Attach to existing arm no charge	Communication																
161 - A Guardarm-single wood service	Communication	243				310		270	270	270	270	270	270	101		8	254
161-B -Guardarms-Double wood service	Communication	280				492		360	360	360	360	360	360	101		8	344
161-C -Guardarms-Composite Fiberglass	Communication	225				0		270	270	270	270	270	270	101		7	246
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91				130		45	45	45	45	45	45	34		8	54
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49				66		45	45	45	45	45	45	34		8	46
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	233				308		270	270	270	270	270	270	101		8	254
CF ARM	Communication	188				0		200	200	200	200	200	200	101		7	186
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	253				423		270	270	270	270	270	270	101		8	268
CF ARM	Communication	200				0		200	200	200	200	200	200	101		7	186

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	230			433		270	270	270	270	270	270	101		8	269
CF ARM	Communication	182			0		200	200	200	200	200	200	203		7	200
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication	202			139		270	270	270	270	270	270	203		8	245
164 - E Cable arm(install or atch to existing)-Attache to existing cable arm- NO CHARGE																
165 - Cable attached direct to interset pole, each	Communication	192			197		270	270	270	270	270	270	115		8	241
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73			69		68	68	68	68	68	68	115		8	74
167 - A Messenger without cable - single arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - B Messenger without cable - Double arm	Communication	249			278		270	270	270	270	270	270	614		8	314
167 - C Messenger without cable - Extension arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - D Messenger without cable - Direct to pole	Communication	248			267		270	270	270	270	270	270	614		8	313
167 -E Messenger without cable - additional messenger	Communication	234			75		270	270	270	270	270	270	614		8	289
168 - Multiple distribution service wire attached to pole/arm	Communication	92			133		90	90	90	90	90	90	137		8	101
169 - Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	90			182		90	90	90	90	90	90	71		8	99
170 - Bonding to secondary neutral ground, per pole	Communication	123			64		180	180	180	180	180	180	81		8	153
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: 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

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: General and Administrative

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: Total Cost

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.

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				
	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	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	13800
									Wgt Ave		2300		607	
	2016	PROP.	%											
	PRICE	2017	CHG.											
	2438	2300	-6											

30' 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	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	24897
									Wgt Ave		2490		760	
	2016	PROP.	%											
	PRICE	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				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	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 PRICE	PROP. 2017	% CHG.
2508	2619	4

40' 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	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
	Salvage	936													
										TOTALS	20517	9	8428	26290	
									Wgt Ave		2921		936		

2016 PRICE	PROP. 2017	% CHG.
2741	2921	7

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	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	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
	Salvage	1149									TOTALS	23650	15	17228	51817
									Wgt Ave		3454		1149		

2016 PRICE	PROP. 2017	% CHG.
2806	3454	23

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		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
	Salvage	963									TOTALS	22996	41	39503	116762
									Wgt Ave		2848		963		

2016 PRICE	PROP. 2017	% CHG.
3760	2848	-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	&		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		
	Salvage	1057															
										TOTALS	26434	39	41240	114690			
									Wgt Ave		2941		1057				

2016	PROP.	%
PRICE	2017	CHG.
3892	2941	-24

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		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	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	7	13300	26399	V		
	Salvage	1899															
										TOTALS	26573	11	20887	49200			
									Wgt Ave		4473		1899				

2016	PROP.	%
PRICE	2017	CHG.
4334	4473	3

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				
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
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	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	6	11100	22575
	Salvage	1995									TOTALS	31487	10	19946
									Wgt Ave		5030			1995

2016 PRICE	PROP. 2017	% CHG.
5560	5030	-10

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
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	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	4	8480	16423
	Salvage	2563									TOTALS	39519	8	20503
									Wgt Ave		6479			2563

2016 PRICE	PROP. 2017	% CHG.
7384	6479	-12

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	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	2	4400	8810	V
	Salvage	2650									TOTALS	4	10600	30973	
	2016	PROP.	%						Wgt Ave		7743				
	PRICE	2017	CHG.												
	7484	7743	3												

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	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	3317									TOTALS	3	9950	36011	
									Wgt Ave		12004				
	2016	PROP.	%												
	PRICE	2017	CHG.												
	11806	12004	2												

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

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		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	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	3900									TOTALS	40232	3	11700	40232
	2016	PROP.	%						Wgt Ave		13411				
	PRICE	2017	CHG.												
	16561	13411	-19												

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		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	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	4430									TOTALS	46224	3	13290	46224
	2016	PROP.	%						Wgt Ave		15408				
	PRICE	2017	CHG.												
	19648	15408	-22												

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	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	4967													
										TOTALS	53419	3	14900	53419	
									Wgt Ave		17806				

2016	PROP.	%
PRICE	2017	CHG.
23687	17806	-25

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	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	6817													
										TOTALS	63216	3	20450	63216	
									Wgt Ave		21072				

2016	PROP.	%
PRICE	2017	CHG.
26741	21072	-21

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)

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:
Person Completing Worksheet:
Call Back Telephone Number:

SOUTHERN CALIFORNIA EDISON COMPANY
Gerald Wayne Brown
(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25' / 5	\$236.70	4.00	8.20	\$2,887.74	\$249.96	\$21.37	*	\$236.70	\$476.43	\$3,872.20	3,572	8.40%	250
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$324.42	\$27.74	*	\$236.70	\$487.77	\$3,964.37	3,674	7.90%	324
35' / 3	\$236.70	4.00	8.20	\$2,887.74	\$544.46	\$46.55	*	\$236.70	\$521.28	\$4,236.73	3,971	6.69%	544

**SCJPC POLE PRICE MATRIX WORKSHEET
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SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(909) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
40' / 1	\$236.70	4.00	10.40	\$3,408.48	\$845.17	\$72.26	*	\$236.70	\$640.13	\$5,202.74		#DIV/0!	845
40' / 2	\$236.70	4.00	10.40	\$3,408.48	\$746.18	\$63.80	*	\$236.70	\$625.06	\$5,080.22	\$4,856.96	4.60%	746
40' / 3	\$236.70	4.00	10.40	\$3,408.48	\$638.52	\$54.59	*	\$236.70	\$608.66	\$4,946.95		#DIV/0!	639
40' / 4	\$236.70	4.00	10.40	\$3,408.48	\$548.87	\$46.93	*	\$236.70	\$595.01	\$4,835.99		#DIV/0!	549
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$469.75	\$40.16	*	\$236.70	\$582.96	\$4,738.05		#DIV/0!	470
40' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,258.28	\$107.58	*	\$236.70	\$703.05	\$5,714.09	\$5,394.95	5.92%	1,258
40' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,405.33	\$120.16	*	\$236.70	\$725.45	\$5,896.12	\$5,492.30	7.35%	1,405
40' / H3	\$236.70	4.00	10.40	\$3,408.48	\$1,693.70	\$144.81	*	\$236.70	\$769.36	\$6,253.05	\$5,908.61	5.83%	1,694

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323 2354

[2017 JOINT WOOD POLE PRICES](#)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
45' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,194.97	\$102.17	*	\$236.70	\$693.41	\$5,635.73		#DIV/0!	1,195
45' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,061.30	\$90.74	*	\$236.70	\$673.05	\$5,470.27	\$5,119.32	6.86%	1,061
45' / 3	\$236.70	4.00	10.40	\$3,408.48	\$799.11	\$68.32	*	\$236.70	\$633.12	\$5,145.73		#DIV/0!	799
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$647.32	\$55.35	*	\$236.70	\$610.00	\$4,957.85		#DIV/0!	647
45' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
45' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,463.47	\$125.13	*	\$236.70	\$734.30	\$5,968.08	\$5,584.07	6.88%	1,463
45' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,747.88	\$149.44	*	\$236.70	\$777.61	\$6,320.11	\$5,959.26	6.06%	1,748
45' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,014.90	\$172.27	*	\$236.70	\$818.28	\$6,650.63	\$6,279.07	5.92%	2,015
45' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,309.24	\$197.44	*	\$236.70	\$944.47	\$7,676.25	\$7,187.94	6.79%	2,309
45' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,489.78	\$212.88	*	\$236.70	\$971.96	\$7,899.72	\$7,455.24	5.96%	2,490

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,374.77	\$117.54	*	\$236.70	\$720.79	\$5,858.28		#DIV/0!	1,375
50' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,138.62	\$97.35	*	\$236.70	\$684.83	\$5,565.98	\$5,368.59	3.68%	1,139
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$920.44	\$78.70	*	\$236.70	\$651.60	\$5,295.92		#DIV/0!	920
50' / 4	\$236.70	4.00	10.40	\$3,408.48	\$815.65	\$69.74	*	\$236.70	\$635.64	\$5,166.21		#DIV/0!	816
50' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
50' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,718.52	\$146.93	*	\$236.70	\$773.14	\$6,283.77	\$5,921.60	6.12%	1,719
50' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,974.19	\$168.79	*	\$236.70	\$812.08	\$6,600.24	\$6,235.16	5.86%	1,974
50' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,297.83	\$196.46	*	\$236.70	\$861.37	\$7,000.84	\$6,655.45	5.19%	2,298
50' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,580.34	\$220.62	*	\$236.70	\$985.76	\$8,011.82	\$7,525.76	6.46%	2,580
50' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,853.04	\$243.94	*	\$236.70	\$1,027.29	\$8,349.37	\$7,901.08	5.67%	2,853

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
55' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,653.63	\$141.39	*	\$236.70	\$763.26	\$6,203.46		#DIV/0!	1,654
55' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,209.42	\$103.41	*	\$236.70	\$695.61	\$5,653.62	\$5,553.02	1.81%	1,209
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$998.31	\$85.36	*	\$236.70	\$663.46	\$5,392.31		#DIV/0!	998
55' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
55' / 5	\$236.70	4.00	10.40	\$3,408.48	\$700.62	\$59.90	*	\$236.70	\$618.12	\$5,023.82		#DIV/0!	701
55' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,895.78	\$162.09	*	\$236.70	\$800.14	\$6,503.19	\$6,161.63	5.54%	1,896
55' / H2	\$236.70	4.00	10.40	\$3,408.48	\$2,182.62	\$186.61	*	\$236.70	\$843.82	\$6,858.23	\$6,516.68	5.24%	2,183
55' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,647.13	\$226.33	*	\$236.70	\$995.93	\$8,094.49	\$7,698.59	5.14%	2,647
55' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,842.92	\$243.07	*	\$236.70	\$1,025.75	\$8,336.84	\$7,940.94	4.99%	2,843
55' / H5	\$236.70	4.25	12.60	\$3,988.40	\$3,210.57	\$274.50	*	\$236.70	\$1,081.74	\$8,791.91	\$8,396.01	4.72%	3,211

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
60' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,744.15	\$149.12	*	\$236.70	\$777.04	\$6,315.49	\$6,227.83	1.41%	1,744
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,424.63	\$121.81	*	\$236.70	\$728.38	\$5,920.00		#DIV/0!	1,425
60' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,321.35	\$198.48	*	\$236.70	\$946.31	\$7,691.24	\$7,347.38	4.68%	2,321
60' / H2	\$236.70	4.25	12.60	\$3,988.40	\$2,545.83	\$217.67	*	\$236.70	\$980.50	\$7,969.10	\$7,712.19	3.33%	2,546
60' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,911.22	\$248.91	*	\$236.70	\$1,036.15	\$8,421.38	\$8,152.26	3.30%	2,911
60' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,234.57	\$276.56	*	\$236.70	\$1,085.39	\$8,821.62	\$8,536.99	3.33%	3,235
60' / H5	\$236.70	4.25	15.50	\$4,674.83	\$3,566.40	\$304.93	*	\$236.70	\$1,232.24	\$10,015.10	\$9,691.67	3.34%	3,566

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
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Call Back Telephone Number:	(951)323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
65' / 1	\$236.70	4.00	10.40	\$3,408.48	\$2,272.07	\$194.26	*	\$236.70	\$857.44	\$6,968.95	\$6,743.32	3.35%	2,272
65' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,887.35	\$161.37	*	\$236.70	\$798.85	\$6,492.75		#DIV/0!	1,887
65' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 5	\$236.70	4.00	10.40	\$3,408.48	\$674.64	\$57.68	*	\$236.70	\$614.16	\$4,991.66		#DIV/0!	675
65' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,619.88	\$224.00	*	\$236.70	\$991.78	\$8,060.76	\$7,757.39	3.91%	2,620
65' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,033.43	\$259.36	*	\$236.70	\$1,054.76	\$8,572.65	\$8,319.50	3.04%	3,033
65' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,386.79	\$289.57	*	\$236.70	\$1,108.58	\$9,010.04	\$8,641.03	4.27%	3,387
65' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,777.14	\$322.95	*	\$236.70	\$1,168.02	\$9,493.21	\$9,186.69	3.34%	3,777
65' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,148.91	\$354.73	*	\$236.70	\$1,320.95	\$10,736.12	\$9,905.72	8.38%	4,149

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
70' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,556.67	\$218.60	*	\$236.70	\$982.15	\$7,982.52	\$7,750.90	2.99%	2,557
70' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,170.44	\$185.57	*	\$236.70	\$841.97	\$6,843.16		#DIV/0!	2,170
70' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,868.38	\$245.25	*	\$236.70	\$1,029.62	\$8,368.35	\$7,788.51	7.44%	2,868
70' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,295.93	\$281.80	*	\$236.70	\$1,094.74	\$8,897.57	\$8,353.66	6.51%	3,296
70' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,733.78	\$319.24	*	\$236.70	\$1,161.42	\$9,439.54	\$8,679.36	8.76%	3,734
70' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,283.61	\$366.25	*	\$236.70	\$1,341.46	\$10,902.85	\$9,948.14	9.60%	4,284
70' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,640.33	\$396.75	*	\$236.70	\$1,395.79	\$11,344.40		#DIV/0!	4,640

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
75' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,888.96	\$247.01	*	\$236.70	\$1,032.76	\$8,393.83	\$8,142.36	3.09%	2,889
75' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,390.18	\$204.36	*	\$236.70	\$875.43	\$7,115.15		#DIV/0!	2,390
75' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 5	\$236.70	4.00	10.40	\$3,408.48	\$835.75	\$71.46	*	\$236.70	\$638.70	\$5,191.09		-36.25%	836
75' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,174.41	\$271.41	*	\$236.70	\$1,076.23	\$8,747.15	\$8,484.37	3.10%	3,174
75' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,730.23	\$318.93	*	\$236.70	\$1,160.88	\$9,435.14	\$9,076.81	3.95%	3,730
75' / H3	\$236.70	4.25	12.60	\$3,988.40	\$4,198.43	\$358.97	*	\$236.70	\$1,232.18	\$10,014.68	\$9,547.36	4.89%	4,198
75' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,847.99	\$414.50	*	\$236.70	\$1,427.41	\$11,601.43	\$11,037.08	5.11%	4,848
75' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,665.19	\$484.37	*	\$236.70	\$1,551.87	\$12,612.96	\$11,662.16	8.15%	5,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**
 Person Completing Worksheet: **Gerald Wayne Brown**
 Call Back Telephone Number: **(951) 323-2354**

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
80' / 1	\$236.70	4.25	12.60	\$3,988.40	\$1,921.51	\$164.29	*	\$236.70	\$885.42	\$7,196.32	\$8,760.74	-17.86%	1,922
80' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-52.55%	0
80' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,692.44	\$315.70	*	\$236.70	\$1,155.12	\$9,388.36	\$8,873.23	5.81%	3,692
80' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,130.61	\$353.17	*	\$236.70	\$1,318.16	\$10,713.47	\$10,358.98	3.42%	4,131
80' / H3	\$236.70	4.25	15.50	\$4,674.83	\$4,750.22	\$406.14	*	\$236.70	\$1,412.52	\$11,480.41	\$10,889.86	5.42%	4,750
80' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,329.08	\$455.64	*	\$236.70	\$1,500.68	\$12,196.93	\$11,559.10	5.52%	5,329
80' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,149.42	\$525.77	*	\$236.70	\$1,625.62	\$13,212.34	\$12,396.10	6.58%	6,149

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
85' / 1	\$236.70	4.25	12.60	\$3,988.40	\$3,400.56	\$290.75	*	\$236.70	\$1,110.67	\$9,027.08	\$9,181.49	-1.68%	3,401
85' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,584.27	\$135.46	*	\$236.70	\$752.70	\$6,117.61		-33.37%	1,584
85' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,113.35	\$351.69	*	\$236.70	\$1,315.53	\$10,692.10	\$9,910.66	7.88%	4,113
85' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,220.06	\$360.82	*	\$236.70	\$1,331.79	\$10,824.20	\$10,794.92	0.27%	4,220
85' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,053.91	\$432.11	*	\$236.70	\$1,458.78	\$11,856.33	\$11,369.91	4.28%	5,054
85' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,796.78	\$495.62	*	\$236.70	\$1,571.91	\$12,775.84	\$12,199.73	4.72%	5,797
85' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,665.38	\$569.89	*	\$236.70	\$1,704.20	\$13,851.00	\$13,261.94	4.44%	6,665

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
90' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,087.03	\$349.44	*	\$236.70	\$1,311.52	\$10,659.52	\$10,661.12	-0.02%	4,087
90' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-61.01%	0
90' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,249.68	\$363.35	*	\$236.70	\$1,336.30	\$10,860.86	\$10,629.59	2.18%	4,250
90' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,669.21	\$399.22	*	\$236.70	\$1,400.19	\$11,380.15	\$10,314.60	10.33%	4,669
90' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,393.87	\$461.18	*	\$236.70	\$1,510.55	\$12,277.13	\$12,134.11	1.18%	5,394
90' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,394.71	\$546.75	*	\$236.70	\$1,662.97	\$13,515.96	\$12,982.16	4.11%	6,395
90' / H5	\$236.70	4.25	15.50	\$4,674.83	\$7,080.36	\$605.37	*	\$236.70	\$1,767.40	\$14,364.66	\$14,122.71	1.71%	7,080

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:
Person Completing Worksheet:
Call Back Telephone Number:

SOUTHERN CALIFORNIA EDISON COMPANY
Gerald Wayne Brown
(951) 323-2354



2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMENTS EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
95' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,218.09	\$360.65	*	\$236.70	\$1,331.48	\$10,821.75	\$11,080.79	-2.34%	4,218
95' / 2	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 3	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		-100.00%	0
95' / H1	\$236.70	4.25	15.50	\$4,674.83	\$3,204.97	\$274.02	*	\$236.70	\$1,177.19	\$9,567.71	\$11,342.52	-15.65%	3,205
95' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,638.12	\$396.56	*	\$236.70	\$1,395.45	\$11,341.66	\$11,756.50	-3.53%	4,638
95' / H3	\$236.70	4.25	15.50	\$4,674.83	\$3,997.24	\$341.76	*	\$236.70	\$1,297.85	\$10,548.38	\$12,647.40	-16.60%	3,997
95' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,832.09	\$584.14	*	\$236.70	\$1,729.58	\$14,057.34	\$13,518.88	3.98%	6,832
95' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,515.70	\$471.59	*	\$236.70	\$1,529.10	\$12,427.92	\$14,708.82	-15.51%	5,516

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT FIBERGLASS POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----			
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$864.16	\$73.89	*	\$236.70	\$528.12	\$4,590.61	\$4,372.06	5.00%	864
35' / 5	\$236.70	4.00	8.20	\$2,887.74	\$1,690.25	\$144.52	*	\$236.70	\$644.70	\$5,603.91	\$5,394.77	3.88%	1,690
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,945.58	\$166.35	*	\$236.70	\$748.42	\$6,505.53	\$6,262.29	3.88%	1,946
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$2,092.31	\$178.89	*	\$236.70	\$769.13	\$6,685.51	\$6,449.77	3.66%	2,092
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,572.37	\$219.94	*	\$236.70	\$836.87	\$7,274.36	\$7,044.09	3.27%	2,572
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,885.30	\$246.69	*	\$236.70	\$881.03	\$7,658.20	\$7,499.62	2.11%	2,885
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$5,749.13	\$491.55	*	\$236.70	\$1,285.16	\$11,171.02	\$11,098.81	0.65%	5,749
65' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,361.66	\$458.42	*	\$236.70	\$1,298.18	\$11,284.18	\$11,086.73	1.78%	5,362
70' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,366.39	\$458.83	*	\$236.70	\$1,298.85	\$11,289.99	\$11,092.58	1.78%	5,366
75' / H3	\$236.70	4.00	12.60	\$3,929.22	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
80' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
85' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
90' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
95'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
100'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
105'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
110'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----

**SCJPC POLE PRICE MATRIX WORKSHEET
FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

951-323-2354

2017 JOINT STEEL POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	CRANE CHARGE	GENERAL & ADMIN. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----	----			
30'	----	----	----	----	----	----	----	----	----	----	----			
35'	----	----	----	----	----	----	----	----	----	----	----			
40' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,152.96	\$269.58	*	\$236.70	\$410.00	\$972.10	\$8,449.82	8,649.36	-2.31%	3,153
45' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,490.66	\$298.45	*	\$236.70	\$410.00	\$1,019.76	\$8,864.05	9,119.97	-2.81%	3,491
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$3,365.95	\$287.79	*	\$236.70	\$580.00	\$1,024.26	\$8,903.18	8,678.00	2.59%	3,366
55' / 1	\$236.70	5.00	10.40	\$3,645.18	\$3,426.43	\$292.96	*	\$236.70	\$580.00	\$1,063.57	\$9,244.84	9,471.41	-2.39%	3,426
60' / 1	\$236.70	5.00	10.40	\$3,645.18	\$4,150.82	\$354.90	*	\$236.70	\$580.00	\$1,165.79	\$10,133.39	10,035.83	0.97%	4,151
65' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,376.16	\$374.16	*	\$236.70	\$850.00	\$1,300.38	\$11,303.32	10,627.10	6.36%	4,376
70' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,610.44	\$394.19	*	\$236.70	\$850.00	\$1,333.44	\$11,590.69	10,903.58	6.30%	4,610
75' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,900.31	\$418.98	*	\$236.70	\$790.00	\$1,366.55	\$11,878.46	11,322.31	4.91%	4,900
80' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,151.84	\$440.48	*	\$236.70	\$790.00	\$1,402.04	\$12,186.98	11,619.85	4.88%	5,152
85' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,409.28	\$462.49	*	\$236.70	\$1,000.00	\$1,465.67	\$12,740.06	12,165.34	4.72%	5,409
90' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,652.00	\$483.25	*	\$236.70	\$1,230.00	\$1,619.06	\$14,073.36	13,467.75	4.50%	5,652
95' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,894.80	\$504.01	*	\$236.70	\$1,230.00	\$1,653.32	\$14,371.18	13,797.31	4.16%	5,895
100' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,144.23	\$525.33	*	\$236.70	\$1,230.00	\$1,688.52	\$14,677.13	13,957.47	5.16%	6,144
105' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,386.65	\$546.06	*	\$236.70	\$1,230.00	\$1,722.73	\$14,974.49	14,234.39	5.20%	6,387
110' / 1	\$236.70	5.00	15.50	\$4,852.35	\$7,254.58	\$620.27	*	\$236.70	\$1,230.00	\$1,845.21	\$16,039.11	15,330.56	4.62%	7,255

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

Please submit to SCJPC by:
February 10, 2017

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **William Kearns**

Call Back Telephone Number & Email: **760-475-3745**

***** Weighted Average **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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
25'	2	75	8	11	1425	356	31	*	92	28	1,933	1879.55
	3	75	8	11	1425	297	25	*	92	28	1,868	1814.63
	4	75	8	11	1425	251	21	*	92	28	1,817	1764
	5	75	8	11	1425	220	19	*	92	28	1,784	1731.45
30'	2	75	8	11	1425	474	41	*	92	28	2,061	2007.51
	3	75	8	11	1425	391	33	*	92	28	1,969	1915.89
	4	75	8	11	1425	344	29	*	92	28	1,919	1865.61
	5	75	8	11	1425	289	25	*	92	28	1,860	1806.59
35'	2	75	8	11	1425	569	49	*	92	28	2,163	2110.38
	3	75	8	11	1425	487	42	*	92	28	2,074	2021.37
	4	75	8	11	1425	441	38	*	92	28	2,024	1970.74
	5	75	8	11	1425	336	31	*	92	28	1,912	1859.47
40'	2	75	8	11	1425	712	61	*	92	28	2,319	2265.49
	3	75	8	11	1425	617	51	*	92	28	2,214	2160.62
	4	75	8	11	1425	553	45	*	92	28	2,143	2089.75
	5	75	8	11	1425	450	39	*	92	28	2,034	1981.39
45'	2	75	8	11	1425	868	74	*	92	28	2,487	2434.47
	3	75	8	11	1425	800	67	*	92	28	2,412	2359.03
	4	75	8	11	1425	643	55	*	92	28	2,243	2190.35
	5	75	8	11	1425	560	48	*	92	28	2,153	2099.74
50'	2	75	8	14	1650	1238	87	*	92	28	3,095	3033.81

	3	75	8	14	1650	873	75	*	92	28	2,718	2656.95
	4	75	8	14	1650	749	64	*	92	28	2,584	2522.14
	5											
55'	2	75	8	14	1650	1359	100	*	92	28	3,229	3167.57
	3	75	8	14	1650	1029	88	*	92	28	2,887	2825.93
	4											
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	3175.53
	3	75	8	14	1650	1150	98	*	92	28	3,018	2956.53
65'	2	75	8	14	1650	1648	141	*	92	28	3,559	3498.01
	3	75	8	14	1650	1319	113	*	92	28	3,202	3140.37
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: **City of Burbank**

Person completing worksheet: **Ayman Arraj**

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

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

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

		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 **xxxxxx**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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** *****

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

1		2		3		4		5		6		7		8		9		10		11		Salvage 2017
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%	486								
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%	619								
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%	754								
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%	981								
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%	1247								
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%	1356								
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%	1520								
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%	1693								
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%	1943								
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%	3262								
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES								

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**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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!

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 **[]** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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'	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

(****) 4/5/2017 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 **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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	Salvage 2017
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%	2156
35'		0	0	0	0						\$0		#DIV/0!	0
40'		0	0	0	0						\$0		#DIV/0!	0
45'		0	0	0	0						\$0		#DIV/0!	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%	2423
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%	3356
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%	3571
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%	3790
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%	4211
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%	4448
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%	4521
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%	4747
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%	4416
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%	4726
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%	4611
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%	4955
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%	5559
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%	7107

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 **XXXXXX** Individual Costs **XXXXXXXX**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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

(****) 4/5/2017 Please designate if you choose to publish your costs individually or be included in the weighted average 2017 Pole Prices worksheet Draft 05 ALL COMBINED 2017 M CONCRETE (CP)

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 XXXXXXXX
 The salvage value is based on the cost F.O.B. prescribed formula (Column 6)

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 ft-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
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

May 16, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:17 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Mr. Bryan Strong – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Ms. Manijeh Carmichael – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Megan Stewart – Frontier Communications
Mr. William Kearns – Frontier Communications
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 USA
Ms. Alicia Smith - Sprint Comm/Sprint-Nextel
Ms. Yvonne Johnson - AT&T Mobility
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Josh Mathisen – AT&T California
Ms. Lynn Prescott – Verizon Wireless
Mr. Ayman Arraj – City of Burbank

Ms. Hernandez called the meeting to order at 10:17 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) – Ms. Hernandez had the committee review the approved 2017-2018 Authorized Costs to help decide whether or not they want to move forward with individual authorized costs or stay with the weighted average. Item 1 Trenching was reviewed first. SCE, SCW and LADWP were the companies that submitted pricing for this item. The committee immediately noticed the price gap was

significant. Mr. Williams asked Mr. Brown (SCE) what criteria SCE based their pricing on. After some discussion Mr. Brown (SCE) asked the committee to table this item so the power companies can compare criteria and report back. The committee then moved on to items 5A – 5F. Again the gaps were significant. Ms. Hernandez suggested all members review their prices and report back with their methodology and criteria. The committee will need more detail in order to figure out the prices gaps. Mr. Williams feel it would be best to find the gaps and figure a way to narrow them so the averages are fairer. If every member submitted separate pricing it would be a nightmare for billing staff.

Agenda Item 3 – Review of Pending Authorized Cost Items – See below

Agenda Item 4 – Item 1611 – Helicopter Costs Agenda Item 5 - Ms. Hernandez asked the committee if they agree Helicopter costs should fall under section 1.2. Ms. Hernandez and Ms. Carmichael both feel this should be handled under section 1.2. Mr. Brown (SCE) informed the committee they were still waiting on LADWP to submit helicopter pricing for their new helicopter. He then asked the committee to keep this item on the agenda until they've had a chance to review all prices submitted. The committee agreed and went on to review the prices currently submitted by SCE and LADWP. Ms. Carmichael is not comfortable with the price gap between the two. Edison's helicopter price is \$3,700 per hour and LADWP's price is \$998.59 per hour with a 4 hour minimum. Edison's pricing includes fuel, pilot, spotter and the flight plan for a round trip. Mr. Brown (LADWP) will report back next month with a breakdown of what is included in the \$998.59 per hour.

Agenda Item 5 - 1612 – Crane Costs – The committee reviewed the crane costs submitted by Edison and LADWP. After some discussion Ms. Carmichael asked if the pole set was included in the hourly cost. She pointed out it should not be included since it is already included in the pole prices. Mr. Williams pointed out that Edison should not include traffic control in their crane costs either. The TCP includes three separate parts, design, set up and flagging. After some discussion the committee decided to take a vote. Ms. Carmichael, Ms. Hernandez, Mr. Williams and Mr. Brown (LADWP) all voted to use section 1.2 when dealing with crane costs. Mr. Brown informed the committee Edison still wants an Authorized Cost for this item and asked that it be added to the discussion board for tomorrow's Administrative Board Meeting. Ms. Hernandez asked Ms. Pranata to add this item to the Administrative Board Meeting Agenda under unknown.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Ms. Hernandez asked Ms. Pranata to pull up the Pole Price Matrix so the committee could discuss which sections of the WATCH manual are currently included in the Pole Prices. The committee then reviewed the 2017 Definition of Pole Price Elements. Ms. Pearson asked Mr. Williams for the definition of “groundline moment” listed under item 1.) Pole Length. Mr. Williams explained all alternative poles do not compare to wood poles. When doing pole

loading you must use groundline moment. The committee then moved on to item 4.) Digging and Erecting. The committee decided to add a note to the final sentence under item 4. It now reads: The average total man hours include set up and take down of work operation “per the WATCH manual”. Ms. Hernandez then asked Ms. Pranata to add this change to the agenda for tomorrow’s Administrative Board meeting.

Agenda Item 7 – Review of 2017 Authorized Costs – Approved at last admin meeting. Will be removed from next month’s agenda.

Agenda Item 8 – Review of 2017 Pole Prices – Approved as well but Ms. Pranata has an issue she needs help with. Edison submitted pole prices without material costs. Meaning they did not use these poles the previous year. Ms. Pranata informed the committee they should only submit pole prices for poles that were set the previous year or they plan to set in the future. The committee asked Ms. Pranata to add a note to the Pole Prices Matrix to prevent this happening in the future. Ms. Pranata added “material cost must be provided to be included in pole prices”.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – Ms. Allen informed the committee the staff has been receiving JPAs with existing anchors listing item 111B and the staff has been returning them because they should be listing item 111G or 111H. After some discussion the committee decided the staff should bill as listed on final for the time being. Ms. Hernandez then asked Ms. Pranata to add an item for review of unauthorized attachment to an existing anchor. Ms. Pranata added item 1635 – Unauthorized Anchor AC. Ms. Hernandez then asked Ms. Pranata to add an item to the Operating Agenda for review of how to bill 11G & 111H. Ms. Pranata added item 1636 – Pricing of 111G and 111H.

Review of Action Items:

- Members to review all Authorized Costs and come up with criteria and methodology to help reduce gaps between utilities.

The ad hoc meeting adjourned at 11:57 a.m. The next meeting is scheduled for June 20, 2017.

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

An approximate hourly cost for a 90/140 ton size operated crane is about \$350 an hour, that comes with an operator, rigger/oiler, the operator typically drives the semi which hauls the counter weights for the crane, the rigger/oiler drives the crane to the job sites. Included with that are any travel permits needed for the crane, any FAA permits (where applicable). Each job is job walked to evaluate the specs and ensure the proper size equipment is sent out, typically 90/140 cranes are utilized majority of the time for property line pole sets. The capacity of those size cranes varies by weight and size of the poles we're setting, which we identify at the time of the job walk, we also do this to identify job hazards to ensure safety, cost effectiveness and efficiency with respective cities on encroachment permits for street closures. Sometimes we'll go out and identify that the crane can set on private property which will cut costs of traffic control & street closures, at that time we determine if we need traffic control out there for safety of our customers or if we can safely perform our crane work from the private property. If the crane will be sitting in a public thoroughfare, traffic control will be required which can run about \$3,000.00 for an 8 hour day, in that cost is included no parking postings (typically 48 hours before street closure), engineered traffic control, encroachment permits with respective city/county, 2 traffic control specialists who ensure no vehicle or pedestrians come within the coned off work area (street closure) at each end of the closure.

So total rough estimate for a 'typical' pole replacement is approximately \$6,000.00 for the crane and traffic control. Sometimes after we job walk jobs, we determine a larger crane will be needed or changing conditions will slow the set running into overtime hours, so costs will vary per job. This cost estimate will give you an idea, we can provide costs for larger crane sets on a job by job basis as factors vary per job site.

Richard LaBarge
Joint Pole Organization
Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
P: 909-357-6129 / PAX 16129
C: 909-519-6134
richard.labarge@sce.com



Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
To: Brown, Steve R.
Cc: Amati, Maurizio
Subject: RE: Helicopter Costs

Steve, Fleet Policy is to charge 4 hours or 8 hours of usage, depending on the length of the job. We have two types of helicopters, the Bell 206L-3: \$855.59 per hour/ The Bell 407: \$998.59 per hour. These rates include the pilot. We are in the process of replacing the Bell 206L-3's with the Airbus H-125 B3e Helicopter. The Airbus will give us increased lifting capability at higher altitudes and temperatures. The usage rates have not been established for the Airbus.

From: Brown, Steve R.
Sent: Friday, August 19, 2016 9:29 AM
To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
Subject: Helicopter Costs

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place that we could use to determine a charge to other entities?
Any assistance would be greatly appreciated.
Thank you,

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*Los Angeles Department of Water & Power
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(213)367-2746*

From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your crane services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place for different size cranes that we could use to determine a charge to other entities? Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
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Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
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To: laptop01@scjpc.net
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Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
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(213)367-2746*

From: Colvin, Marshall
Sent: Thursday, September 08, 2016 7:22 AM
To: Brown, Steve R.
Cc: Smith, John A. (Fleet)
Subject: RE: Crane charges

Hello Steve,
Sorry this has taken so long , with limited dimensions and radius's here is what a 200 ton crane would be,
Crane- 108.00 an hour
Operator- 360.00 an hour
Driver/Oiler-132.00 an hour
Support truck132.00 an hour X2
If you have any questions, please give me a call.
Thank you

*Marshall Colvin
Crane and Equipment Supervisor
Central Crane Desk
Office: 818-771-4955
Cell: 213-792-6507*

From: Brown, Steve R.
Sent: Thursday, September 08, 2016 6:56 AM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: RE: Crane charges

**Hi John,
You were going to send me contractor prices for cranes**

*Steve R. Brown
Transmission & Distribution District Supervisor*

BILL NO.

FINAL AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 04/12

PAGE NO. 1 OF 10

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified heron.

COSTS and BILLING DATA

Date

Prepared 11/12/2014

By Telephone

Date Sent 12/4/2014 Confirming Agreement

In Field

Date Completed APR 10 2016 No. of Pages 1 of 10

J.P. Auth.No. E6027-406599500

- BILLING CODES
1. PLACED CURRENT YEAR
 2. PLACED PRIOR YEAR
 3. UNAUTHORIZED ATTACHMENT
 4. SALVAGE VALUE

SCE USE ONLY		
BC	AMT	SO

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
E	CHRIS SCHAFER	MONROVIA	JAMES COMMERFORD	MONROVIA	TD790331 2PP 700101
HLA	CORPUS	LOS ANGELES	B BARRERA	LOS ANGELES	K109

BILL NO.

POLE NO.	Pole Length	Year Set	Pole Trt Class	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	BILL CODE	AMOUNT DUE		ACCOUNTING DIRECTIONS:
				LV	HLA		16KV	HLA					UTILITY TOTAL AMT	UTILITY TOTAL AMT	
	Anchor Size		Anchor Direct	E	HLA		E	HLA				AMOUNT	AMOUNT		
1151380E	40	57	FT/C5	34-6			PTD								
	3/4	50	E	100		(.50)	AT 50	.50		111B	11G of 111H?				
							1/2(1)			20A					
							1/2(1)			9A					
							1/2(1)			13B	SHRUBS				
							1/2 (1)			13C	CRANE-APPROX 4 HRS/\$2750				
										83 78A	N/C TEMP TRANS				
1151380E	45	2015	FT/C4				39-11	22-4			CLOUD AV PL/E 175' N/O FAIRESTA ST				
											E TO HARD SET WEST//JOINT MEET				

POLE LEGEND: L = LOWER CUT
P = PULL C(XX)= FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT
S = SALVAGE ANCHOR LEGEND:
D = DISPOSE AR = ANCHOR/ARM REMOVED
TN = TENANT AT = ANCHOR/ARM TRANSFERRED

Show Quantity of Items to be billed in the Column of Party to be Paid.

GEOGRAPHICAL LOCATION

LA CRESCENTA COMMUNITY

FORM 48 1/12/2017 2/26/2017

VP/J.P.-03 Rev. Jan 2010

PAGE TOTAL

PRELIMINARY JPA REVIEWED BY AGENT: AD LORENA PACHECO

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

June 20, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:01 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Megan Stewart – Frontier Communications
Mr. William Kearns – Frontier Communications
Ms. Angela Pranata – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith - Sprint Comm/Sprint-Nextel
Ms. Lily Tran – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Gunay Salahli – Extenet
Mr. Andrew Craig – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lynn Prescott – Verizon Wireless

Ms. Hernandez called the meeting to order at 9:01 a.m.

Agenda Item 1 – Review of prior month’s minutes: Meeting footer on page 2 should be changed from 2016 to 2017.

Agenda Item 2 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Ms. Hernandez had the committee review the approved 2017-2018 Authorized Costs to help decide whether or not they want to move forward with individual authorized costs or stay with the weighted average. Members did not have a chance to do this so Ms. Hernandez tabled this discussion for next month. Mr. Brown (LADWP) then pointed out an issue with items 10C & D. Item 10C –

Based on 25 square feet, is priced significantly higher than item 10D- Based on 50 square feet. Ms. Hernandez will look into this and report back next month.

Agenda Item 3 – Review of Pending Authorized Cost Items – See below

Agenda Item 4 – Item 1611 – Helicopter Costs Agenda Item 5 & Agenda Item 5 - 1612 – Crane Costs – Per last month’s meeting the committee members agreed to use Section 1.2 for these items until members submit pricing as well as criteria for further discussion. Item is tabled for next month.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – Ms. Hernandez reminded committee members they added a note to final sentence under item 4 of the 2017 Definition of Pole Price Elements. It now reads: The average total man hours include set up and take down of work operation “per the WATCH manual”. The only time members would charge an extra fee for Traffic Control would be when a site plan is needed. Ms. DeBarge then noted item 13D – Traffic Control (By Special Agreement Section 1.2) was removed from the Authorized Costs for 2017-2018. Ms. Pranata informed the committee this was an oversight on her end and she will add the item back onto the Authorized Costs for 2017-2018. Mr. Brown (SCE) then asked members why item 13D is being denied. Ms. Hernandez explained the reason it’s being denied is because it is already included in Pole Prices. She then explained anything that has already been approved prior to May 2017 can be processed as is. Anything after May 2017 will be denied unless it states the charges are for the site plan. Mr. Brown (LADWP) informed the committee LADWP only needs site plans when working on off ramps and on ramps as well as Freeway work. Ms. Carmichael requested all 1.2 should specify what exactly is included beyond the WATCH manual. The committee agreed.

Agenda Item 7 – Item 1635 – Unauthorized Anchor AC (5/16/2017) – Ms. Hernandez explained it was decided in Routine there is no need for a new Authorized Cost item. Committee staff will continue to as listed on final. Ms. DeBarge was a little confused as to 111G & H not existing until 2007 and Ms. Hernandez explained billing does not go by date existing anchor was set but by date JPA is issued/sent. After some discussion, the committee agreed there is no need for an Unauthorized Anchor Authorized Cost. Item closed.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** –

Default for item 83 or must member specify A or B? Ms. Hernandez recommended defaulting to 83A as of 2017. Prior to 2017 83A did not exist. Ms. Pranata informed the committee she would send out a JPA alert informing members to note A or B. If A or B is not noted committee staff will write in the “A”.

Mr. Brown (LADWP) then brought up an issue he is having with SCE not setting poles where they said they would. LADWP is being charged for same hole set, but when checked in field the pole was not set in the same hole. Mr.

Brown (LADWP) agreed to follow up with Mr. Brown (SCE) and Ms. DeBarge on this issue.

Mr. Mathisen then asked for clarification on item 13A – Clearing poles in State Responsibility area (includes cost of contractor to perform activity and post Quality Control inspection). Mr. Brown (SCE) explained SCE is responsible for clearing any poles set in (SRA) high fire areas, if the pole is joint this cost is shared. Mr. Brown explained this is required by the state and most of the clearing is on the ground around the pole. Mr. Mathisen and Mr. Kearns asked if the cause of this is reflective of the equipment/ conductors on the pole. Mr. Brown agreed it was, but because it is in fact a joint pole the cost is shared. Mr. Mathisen expressed his concerns that this does not seem to benefit all parties and when researched it was not in the approved maintenance plan. He then explained he feels this is the same as tree trimming. Ms. Hernandez asked Mr. Mathisen if he would like an item number added so we can continue this discussion and he agreed. Ms. Pranata added item 1637 – Item 13A Clearing Pole/SRA (State Responsibility Area).

Review of Action Items:

- Members to review all Authorized Costs and come up with criteria and methodology to help reduce gaps between utilities.
- JPA Alert regarding item 83 – Default to 83A.
- Ms. Pranata to add item 13D- Traffic Control (By Special Agreement Section 1.2) back into the 2017-2018 Authorized Costs.
- Change May 2017 Minutes footer from 2016 to 2017.
- Ms. Hernandez to look into pricing submitted for items 10C & 10D.

The ad hoc meeting adjourned at 9:56 a.m. The next meeting is scheduled for July 18, 2017.

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

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Jenny Silva

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Hi John,
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Steve R. Brown
Transmission & Distribution District Supervisor

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

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San Dimas, CA 91773
Phone (909) 599-3801
Fax (909) 599-3825

July 18, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:33 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. Jessica Nix – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Jeff Williams – City of Los Angeles -DWP
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Megan Stewart – Frontier Communications
Mr. William Kearns – Frontier Communications
Ms. Shawn Henderson – T-Mobile USA
Ms. Wendy Mueller – Extenet
Mr. Dustin Carver – CHC Consulting (Extenet Systems)
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. Yvonne Johnson - AT&T Mobility

Ms. Hernandez called the meeting to order at 10:33 a.m.

Review of prior month's minutes: There were no changes.

Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Mr. Williams noticed a problem with PB/LTD. The reason the committee added PB into item 19 a few years back was to separate the PB from the LTD. When you put the PB/LTD under one owner you're double charging for the engineering and vehicle going out to the pole. The reason for the PB/LTD charge is because two different companies were going to go out to the site. The committee then decided to remove the PB from item 19 due to an issue with billing. Now that it has been

removed there should be a rule that does not allow companies to charge both PB and LTD in addition to item 19. Ms. Allen asked the committee if they would like the committee staff to cross out PB/LTD and replace it with PTD when it's under the same party. The committee agreed this would be best. Ms. Pranata will send out a JPA alert on this item. Mr. Brown (LADWP) informed the committee if LADWP leaves the joint owners section of the pole attached to the new pole they will not note the LTD on the final. If the section of the pole is solely owned by the joint owner then they cannot charge the LTD. Ms. Carmichael disagreed with this because there would be no way for the joint owner to know there's a buddy pole out in the field. Mr. Williams suggested adding a new section to the form 48 to notify the other party of the piece of pole in the field. Ms. Hernandez asked for more clarification on the billing end. After some discussion, Mr. Brown asked Ms. Pranata to create an item number for this issue. Ms. Pranata created item number 1639 – LTD of owners own space, this will be added to the Routine Revisions agenda. Ms. Allen then brought out approved notes on section 7.4 – PB/LTD. These were originally approved by both Mr. Chow and Ms. DeBarge and they allowed PB/LTD to be billed under one party. Ms. Allen noted she will be updating it to read “under no circumstances will you charge PB/LTD under one party. Ms. Allen also agreed to forward her notes to Ms. Hernandez and Mr. Williams.

Review of Pending Authorized Cost Items – Members are still reviewing both of the items below.

Item 1611 – Helicopter Costs & Item 1612 – Crane Costs – Mr. Brown clarified LADWP will not be paying for helicopter & crane costs if there is no proof this was the only option. Per May's meeting the committee members agreed to use Section 1.2 for these items until members submit pricing as well as criteria for further discussion. Item is tabled for next month.

Item 1637 – Item 13A Clearing Pole/SRA (State Responsibility Area) – Mr. Mathisen explained AT&T has taken the position that clearing brush around pole so they don't catch fire due to electric utilities should be covered by the electric utility. He also noted it doesn't appear this item was listed in the approved maintenance programs. Going forward AT&T will not pay any portion of item 13A. Mr. Kearns explained Frontier has the same stance on this issue. Mr. Brown (Edison) explained Edison's stance on this matter is the cost should be shared since this is something that is mandated. AT&T explained they would not have to clear brush if it weren't for Edison's equipment. Mr. Brown then explained if the pole were to catch fire the joint owner would participate in the replacements costs so why not participate in the prevention costs. Mr. Brown asked that this item be kept open for further discussion. The committee also decided to add this item to discussion board for tomorrow's Administrative Board Meeting.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – There were none at this time.

Review of Action Items:

- Members to review all Authorized Costs and come up with criteria and methodology to help reduce gaps between utilities.
- JPA Alert regarding never charging PB/LTD under one party. Staff will cross out and charge as PTD.
- Ms. Hernandez to look into pricing submitted for items 10C & 10D.
- Add item 1637 to discussion board for Administrative meeting.

The ad hoc meeting adjourned at 12:20 p.m. The next meeting is scheduled for August 15, 2017.

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

An approximate hourly cost for a 90/140 ton size operated crane is about \$350 an hour, that comes with an operator, rigger/oiler, the operator typically drives the semi which hauls the counter weights for the crane, the rigger/oiler drives the crane to the job sites. Included with that are any travel permits needed for the crane, any FAA permits (where applicable). Each job is job walked to evaluate the specs and ensure the proper size equipment is sent out, typically 90/140 cranes are utilized majority of the time for property line pole sets. The capacity of those size cranes varies by weight and size of the poles we're setting, which we identify at the time of the job walk, we also do this to identify job hazards to ensure safety, cost effectiveness and efficiency with respective cities on encroachment permits for street closures. Sometimes we'll go out and identify that the crane can set on private property which will cut costs of traffic control & street closures, at that time we determine if we need traffic control out there for safety of our customers or if we can safely perform our crane work from the private property. If the crane will be sitting in a public thoroughfare, traffic control will be required which can run about \$3,000.00 for an 8 hour day, in that cost is included no parking postings (typically 48 hours before street closure), engineered traffic control, encroachment permits with respective city/county, 2 traffic control specialists who ensure no vehicle or pedestrians come within the coned off work area (street closure) at each end of the closure.

So total rough estimate for a 'typical' pole replacement is approximately \$6,000.00 for the crane and traffic control. Sometimes after we job walk jobs, we determine a larger crane will be needed or changing conditions will slow the set running into overtime hours, so costs will vary per job. This cost estimate will give you an idea, we can provide costs for larger crane sets on a job by job basis as factors vary per job site.

Richard LaBarge
Joint Pole Organization
Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
P: 909-357-6129 / PAX 16129
C: 909-519-6134
richard.labarge@sce.com



Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
To: Brown, Steve R.
Cc: Amati, Maurizio
Subject: RE: Helicopter Costs

Steve, Fleet Policy is to charge 4 hours or 8 hours of usage, depending on the length of the job. We have two types of helicopters, the Bell 206L-3: \$855.59 per hour/ The Bell 407: \$998.59 per hour. These rates include the pilot. We are in the process of replacing the Bell 206L-3's with the Airbus H-125 B3e Helicopter. The Airbus will give us increased lifting capability at higher altitudes and temperatures. The usage rates have not been established for the Airbus.

From: Brown, Steve R.
Sent: Friday, August 19, 2016 9:29 AM
To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
Subject: Helicopter Costs

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place that we could use to determine a charge to other entities?
Any assistance would be greatly appreciated.
Thank you,

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From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your crane services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place for different size cranes that we could use to determine a charge to other entities? Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
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Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Crane charges

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Colvin, Marshall
Sent: Thursday, September 08, 2016 7:22 AM
To: Brown, Steve R.
Cc: Smith, John A. (Fleet)
Subject: RE: Crane charges

Hello Steve,
Sorry this has taken so long , with limited dimensions and radius's here is what a 200 ton crane would be,
Crane- 108.00 an hour
Operator- 360.00 an hour
Driver/Oiler-132.00 an hour
Support truck132.00 an hour X2
If you have any questions, please give me a call.
Thank you

*Marshall Colvin
Crane and Equipment Supervisor
Central Crane Desk
Office: 818-771-4955
Cell: 213-792-6507*

From: Brown, Steve R.
Sent: Thursday, September 08, 2016 6:56 AM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: RE: Crane charges

**Hi John,
You were going to send me contractor prices for cranes**

*Steve R. Brown
Transmission & Distribution District Supervisor*

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.

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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

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September 18, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:36 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Ms. Valerie Mitwasi – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Ms. Manijeh Carmichael – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Megan Stewart – Frontier Communications
Mr. William Kearns – Frontier Communications
Ms. Shawn Henderson – T-Mobile USA
Mr. Johnny Trang – City of Pasadena Water and Power
Ms. Nicole Singh - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
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. Lynn Prescott – Verizon Wireless
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Mr. Josh Mathisen – AT&T California
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Wendy Mueller – Extenet
Ms. Yvonne Johnson - AT&T Mobility

Ms. Hernandez called the meeting to order at 11:36 a.m.

Review of prior month's minutes: There were no changes to July's meeting minutes. Authorized Costs Committee did not meet in August.

Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Ms. Hernandez reminded members the homework was for all members to review all

Authorized Costs and do a comparison. SCE and LADWP decided to set up a meeting so they can go over why there is such a discrepancy between their pricing. They committee decided to table the item for next month.

Review of Pending Authorized Cost Items – Ms. Hernandez reminded the committee of discussion to do away with an Authorized Cost for these items and keep it as a section 1.2 Special Agreement.

Item 1611 – Helicopter Costs & Item 1612 – Crane Costs – Mr. Brown (LADWP) explained he still feels this should remain section 1.2 Special Agreement. Mr. Brown (SCE) explained Edison would like an Authorized Cost because there have been a lot denials coming from other members. This lead to some discussion between LADWP and SCE as to when a crane is to be used. Mr. Brown (LADWP) reiterated their position on keeping this as a section 1.2 Special Agreement and all other members agreed. Ms. DeBarge feels an Authorized Cost would bring some consistency to Crane and Helicopter charges. Some discussion followed. Mr. Brown suggested bringing this item to a vote. Ms. Hernandez asked the committee members to table this discussion until the committee can resolve the 1.2 issue. Item tabled.

Item 1637 – Item 13A Clearing Pole/SRA (State Responsibility Area) – Mr. Mathisen explained AT&T has taken the position that clearing brush around pole so they don't catch fire due to electric utilities should be covered by the electric utility. He also noted it doesn't appear this item was listed in the approved maintenance programs. Ms. Hernandez asked Mr. Brown (SCE) if Edison has a vegetation maintenance crew. Mr. Brown (SCE) informed the committee Edison does in fact have a vegetation maintenance crew. Ms. Hernandez then asked why members are not being billed for this maintenance. Mr. Brown (SCE) explained that he understands everyone else's position on this and will look into this further. Tabled for next month.

Item 1639: LTD of Owners Owned Space (POP) (7/18/2017) - Members decided to table this item until they have the verbiage completed in the Routine Handbook. Item tabled.

Item 1643: Auth Cost for Pole Tag (8/15/2017) – Mr. Brown (LADWP) is in favor of removing 15A (Pole Tagging) from Authorized Costs. He feels if any member makes a trip out to the pole and the pole need retagging, they should tag it. He doesn't see why one member would bill the other for this. Committee members agreed. Ms. Pranata suggested leaving item 15A in the Authorized Costs, but adding a no cost note. Mr. Brown (SCE) informed the committee he cannot commit to anything at this time. He will research this item further and report back. Item tabled.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – Ms. Hernandez asked for review of item 19. She needs clarification as to whether or

not item 5A is included in item 19. Ms. Allen explained item 5A was removed/updated from 2013-2016 prices per JPA Alert. Item 5A was not included in the item 19 formula for 2017. Ms. Allen also noted section 7.4 must be listed in order to bill item 19.

Review of Action Items:

- Edison to research SRA and Pole Tagging charge.
- SCE and LADWP to discuss discrepancies in Auth Cost pricing.

The ad hoc meeting adjourned at 12:16 p.m. The next meeting is scheduled for October 17, 2017.

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
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Jenny Silva

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Sent: Tuesday, February 14, 2017 9:39 AM
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Subject: FW: Helicopter Costs

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Subject: Crane charges

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Crane and Equipment Supervisor
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October 17, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:20 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
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Ms. Jessica Nix – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Manijeh Carmichael – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Samantha Carrillo – Time Warner
Ms. Megan Stewart – Frontier Communications
Mr. William Kearns – Frontier Communications
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. Lynn Prescott – Verizon Wireless
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Nicole Singh - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Yvonne Johnson - AT&T Mobility
Mr. Daniel Luty - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. Hernandez called the meeting to order at 11:20 a.m.

Review of prior month's minutes: There were no changes.

Members to Submit Individual Authorized Costs (Larry Chow, SCE) – SCE and LADWP were to set up a meeting so they can go over why there is such a discrepancy between their pricing. They did not have a chance to do this so they committee decided to table the item for next month.

Review of Pending Authorized Cost Items – Ms. Hernandez reminded the committee of discussion to do away with an Authorized Cost for Item 1611 – Helicopter Costs & Item 1612- Crane Costs and keep them as section 1.2 Special Agreement.

Item 1611 – Helicopter Costs & Item 1612 – Crane Costs – Mr. Brown (SCE) recognizes this item can continue to drag on. He proposed a solution. Edison will do some internal research and bring their final numbers back to the committee in November, January the latest. The committee agreed to table the discussion for next month.

Item 1637 – Item 13A Clearing Pole/SRA (State Responsibility Area) – AT&T and Frontier still agree this should not be a joint cost. Mr. Brown (SCE) informed the committee Edison is currently looking into this and will report back next month. Tabled for next month.

Item 1639: LTD of Owners Owned Space (POP) (7/18/2017) - Members decided to remove this item from Authorized Cost. The item already exists in Routine Revision.

Item 1643: Auth Cost for Pole Tag (8/15/2017) – The committee is in favor of removing 15A (Pole Tagging) from Authorized Costs. They feel if any member makes a trip out to the pole and the pole needs retagging, they should tag it. Ms. Hernandez reminded the committee Ms. Pranata suggested leaving item 15A in the Authorized Costs, but adding a no cost note. Ms. Hernandez then asked Ms. Pranata to add this item to the discussion board for tomorrow’s Admin meeting.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – Ms. Carmichael brought up an issue she’s having with JPAs submitted that do not specify the pole work was done in a year other than the year the form 48 was sent. She feels it should be noted. Ms. Hernandez suggested adding a side note to the Authorized Cost meeting stating this issue should have been brought up in the Routine Revision meeting. There should be a JPA alert created to remind members if the pole work was done a year other than the year the form 48 was sent they must note that year.

Review of Action Items:

- SCE to research Crane and Helicopter set charges.
- SCE to research SRA and Pole Tagging charges.
- SCE and LADWP to discuss discrepancies in Auth Cost pricing.

The ad hoc meeting adjourned at 11:35 a.m. The next meeting is scheduled for November 14, 2017.

Authorized Cost – October 17, 2017

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

An approximate hourly cost for a 90/140 ton size operated crane is about \$350 an hour, that comes with an operator, rigger/oiler, the operator typically drives the semi which hauls the counter weights for the crane, the rigger/oiler drives the crane to the job sites. Included with that are any travel permits needed for the crane, any FAA permits (where applicable). Each job is job walked to evaluate the specs and ensure the proper size equipment is sent out, typically 90/140 cranes are utilized majority of the time for property line pole sets. The capacity of those size cranes varies by weight and size of the poles we're setting, which we identify at the time of the job walk, we also do this to identify job hazards to ensure safety, cost effectiveness and efficiency with respective cities on encroachment permits for street closures. Sometimes we'll go out and identify that the crane can set on private property which will cut costs of traffic control & street closures, at that time we determine if we need traffic control out there for safety of our customers or if we can safely perform our crane work from the private property. If the crane will be sitting in a public thoroughfare, traffic control will be required which can run about \$3,000.00 for an 8 hour day, in that cost is included no parking postings (typically 48 hours before street closure), engineered traffic control, encroachment permits with respective city/county, 2 traffic control specialists who ensure no vehicle or pedestrians come within the coned off work area (street closure) at each end of the closure.

So total rough estimate for a 'typical' pole replacement is approximately \$6,000.00 for the crane and traffic control. Sometimes after we job walk jobs, we determine a larger crane will be needed or changing conditions will slow the set running into overtime hours, so costs will vary per job. This cost estimate will give you an idea, we can provide costs for larger crane sets on a job by job basis as factors vary per job site.

Richard LaBarge
Joint Pole Organization
Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
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C: 909-519-6134
richard.labarge@sce.com



Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
To: Brown, Steve R.
Cc: Amati, Maurizio
Subject: RE: Helicopter Costs

Steve, Fleet Policy is to charge 4 hours or 8 hours of usage, depending on the length of the job. We have two types of helicopters, the Bell 206L-3: \$855.59 per hour/ The Bell 407: \$998.59 per hour. These rates include the pilot. We are in the process of replacing the Bell 206L-3's with the Airbus H-125 B3e Helicopter. The Airbus will give us increased lifting capability at higher altitudes and temperatures. The usage rates have not been established for the Airbus.

From: Brown, Steve R.
Sent: Friday, August 19, 2016 9:29 AM
To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
Subject: Helicopter Costs

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place that we could use to determine a charge to other entities?
Any assistance would be greatly appreciated.
Thank you,

Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
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(213)367-2746

*Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

Good Morning Gentlemen,
I am the Superintendent of Overhead Distribution Design for DCM. We design pole placement/replacement jobs for the power system. Some of the poles are LADWP only poles and some are jointly owned by other power and communication companies. We are looking to come up with a price to share the expenses with other joint owners of setting poles utilizing your crane services. So far discussions at the Southern California Joint Pole Committee have been about two options, one is a per hour charge and the other is a per pole charge. Is there an existing cost in place for different size cranes that we could use to determine a charge to other entities? Any assistance would be greatly appreciated.
Thank you,

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Crane charges

*Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
Overhead Distribution Design
(213)367-2746*

From: Colvin, Marshall
Sent: Thursday, September 08, 2016 7:22 AM
To: Brown, Steve R.
Cc: Smith, John A. (Fleet)
Subject: RE: Crane charges

Hello Steve,
Sorry this has taken so long , with limited dimensions and radius's here is what a 200 ton crane would be,
Crane- 108.00 an hour
Operator- 360.00 an hour
Driver/Oiler-132.00 an hour
Support truck132.00 an hour X2
If you have any questions, please give me a call.
Thank you

*Marshall Colvin
Crane and Equipment Supervisor
Central Crane Desk
Office: 818-771-4955
Cell: 213-792-6507*

From: Brown, Steve R.
Sent: Thursday, September 08, 2016 6:56 AM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: RE: Crane charges

**Hi John,
You were going to send me contractor prices for cranes**

*Steve R. Brown
Transmission & Distribution District Supervisor*

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

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

November 14, 2017

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:00 a.m. at the Committee office. Those in attendance were:

Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Wayne Brown – Southern California Edison
Ms. Valerie Mitwasi – Southern California Edison
Ms. Jessica Nix – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Maria Ortiz – XO Communications
Ms. Samantha Carrillo – Time Warner
Ms. Megan Stewart – Frontier Communications
Mr. Bret Plaskey – Frontier Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
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
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Yvonne Johnson - AT&T Mobility
Mr. Daniel Luty - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. Hernandez called the meeting to order at 9:00 a.m.

Review of prior month's minutes: There were no changes.

Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Mr. Brown (LADWP) and Ms. Hernandez explained the original plan to Mr. Schram. Mr. Schram is stepping in for Mr. Williams. The original plan was for Mr.

Williams and Mr. Brown (SCE) to set up a meeting to review the discrepancies in Authorized Costs. The committee then reviewed the existing Authorized Cost for samples of discrepancies. Some discussion followed. Mr. Schram informed the committee he will follow up with Mr. Williams and report back in January.

Review of Pending Authorized Cost Items – Ms. Hernandez reminded the committee of discussion to do away with an Authorized Cost for Item 1611 – Helicopter Costs & Item 1612- Crane Costs and keep them as section 1.2 Special Agreement.

Item 1611 – Helicopter Costs & Item 1612 – Crane Costs – Mr. Brown (SCE) will do some internal research and bring their final numbers back to the committee in January. The committee agreed to table the discussion until then.

Item 1637 – Item 13A Clearing Pole/SRA (State Responsibility Area) – Ms. Hernandez informed the committee Edison is the only member that charges this item. Mr. Brown (SCE) explained Edison’s position on this item as well as pole tagging is that it is currently part of their GRC. There is no way to go back and change it so they charge the rate payers for this item. In 2021 they will be able to revisit this item and ask for funding. AT&T California and Frontier still agree this item should not be a joint cost and they will continue to deny payment for this cost. Mr. Brown (LADWP) asked when LADWP would no longer have to pay for E pole inspections on M based poles that have only communication for Edison. Mr. Brown (SCE) informed the committee he will immediately inform the department that handles the inspections to no longer bill for these poles. Ms. Hernandez then asked for clarification on item 13A. AT&T California as well as Frontier have the same stance. They do not feel this should be a joint cost and therefore will no longer pay. After some discussion, the committee decided to bring up this item at the next Administrative Board Meeting. Ms. Carmichael then informed the committee of her concern regarding Edison not giving them a list of inspections poles in advance. Ms. Hernandez explained she requested the list in advance and has been receiving it for some time. Ms. Pranata then informed the committee she receives the list of inspections from Edison around the 5th of every month which she would then forward. This would give members about a week to review the poles. Ms. Carmichael asked Ms. Pranata to send her the list for November ASAP and she agreed to do so. Ms. Hernandez then asked Ms. Pranata to add an item number for Inspections and add it to either Routine Revision or Operating. Ms. Pranata then informed the committee item number 1646 – Inspection Discussion already exists in Compliance. Ms. Hernandez then asked the committee what the direction to the staff should be. Are they to continue billing item 13A? Mr. Brown (SCE) explained they should continue to bill as they do now. Edison will settle any unpaid invoices with AT&T California directly. Ms. Carmichael explained Edison has to provide them with a list of pole inspections ahead of time for review. The committee decided to close this item.

Item 1643: Auth Cost for Pole Tag (8/15/2017) – Edison and AT&T California agreed to discuss this item offline. Committee agreed to close this item.

Ms. Hernandez then opened the floor to any **Miscellaneous Items** – There were no miscellaneous items at this time.

Review of Action Items:

- SCE to research Crane and Helicopter set charges.
- SCE and AT&T California to discuss Item 13A (SRA) & Pole Tagging charges offline.
- SCE and LADWP to discuss discrepancies in Auth Cost pricing.

The ad hoc meeting adjourned at 9:45 a.m. The next meeting is scheduled for January 16, 2018.

Jenny Silva – Committee Staff

Angela Pranata

From: Richard LaBarge <Richard.LaBarge@sce.com>
Sent: Tuesday, February 14, 2017 9:44 AM
To: Angela Pranata
Cc: Gerald Brown
Subject: Authorized Cost-Crane

Angela,
Here are the prices quoted during our authorized cost for AD-HOC this morning.

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Richard LaBarge
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Manager-Program/Contract 2
7951 Redwood Ave
Fontana, CA 92336
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C: 909-519-6134
richard.labarge@sce.com



Jenny Silva

From: Brown, Steve R. <Steve.Brown2@ladwp.com>
Sent: Tuesday, February 14, 2017 9:39 AM
To: laptop01@scjpc.net
Subject: FW: Helicopter Costs

Steve R. Brown
Transmission & Distribution District Supervisor
Los Angeles Department of Water & Power
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(213)367-2746

From: Finnigan, Michael
Sent: Friday, August 19, 2016 9:42 AM
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To: Finnigan, Michael; Amati, Maurizio
Cc: Williams, Jeffery A.; Cravens, Christopher; Hauser, Ruben L.
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From: Brown, Steve R.
Sent: Friday, August 19, 2016 2:58 PM
To: Colvin, Marshall; Smith, John A. (Fleet)
Cc: Williams, Jeffery A.
Subject: Crane charges

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Support truck132.00 an hour X2
If you have any questions, please give me a call.
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*Marshall Colvin
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Office: 818-771-4955
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Subject: RE: Crane charges

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*Steve R. Brown
Transmission & Distribution District Supervisor*

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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.

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