

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

January 15, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:18 a.m. at the Committee office. Those in attendance were:

Mr. Josh Mathisen – AT&T California
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Bryan Strong – Southern California Edison
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. John Bacon – City of Los Angeles – DWP
Mr. Bret Plaskey – Frontier Communications
Ms. Glenn Leckie – Frontier Communications
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Chad Johnson - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Sonny Nunez - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Shawn Henderson – T-Mobile
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Yvonne Johnson - AT&T Mobility
Mr. Sven Knauth – City of Burbank
Ms. Maria Ortiz – XO Communications
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Mr. Iman Yossi Torbati – City of Vernon
Ms. Kay Black – AT&T California
Ms. Lynn Prescott – Verizon Wireless
Ms. Lupe Hernandez – Teleport Communications America, LLC

Mr. Mathisen called the meeting to order at 9:18 a.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) & Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices) – At this time the committee is still waiting on Individual Pole Pricing submissions from Edison, City of Pasadena and City of Vernon. Ms. Pranata informed the committee she has reached out to both City of Vernon and City of Pasadena for pole prices. Mr. Brown informed Ms. Pranata he would email Edison's pole prices right away. Ms. Pranata stated that for the Weighted Average pole prices, she is still waiting for T-Mobile (PBM). Ms. Henderson replied that she will submit the prices. Ms. Pranata then informed the committee she is still waiting for Authorized Costs from Edison, but she has received Authorized Costs from all other members. Ms. Pranata advised the committee to review the submitted pricing in the Authorized Costs Packet. The committee agreed to revisit this item next month.

Agenda Item 4 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) – City of Burbank, Frontier, LADWP, and Teleport Communications America have all submitted pricing for item 14C in the Authorized Cost Matrix. This item (Item 1653) has been added to the Administrative Board Meeting for approval on language and pricing. The committee will revisit this item next month.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. Mr. Brown informed the committee of an issue Edison is having with a member denying charges for item 83B. The committee already discussed this back in February and March of 2018 and members agreed this item should not be denied. Mr. Brown then asked the committee for their understanding of item 83B. Mr. Brown explained the item was created to prevent buddy poles. Ms. DeBarge explained Edison has been defaulting to 83B from 83A in order to get the item approved, but she feels this should not have to happen. Mr. Plaskey from Frontier asked if it was Frontier that was denying these charges. Ms. DeBarge confirmed it was in fact Frontier. Mr. Plaskey explained there seems to be a disconnect somewhere. He assured Edison he would follow up with staff and report back next month.

Mr. Brown then mentioned Edison is receiving Form 7's with item 91 Cable Splicing, but when they followed up on these poles, months sometimes years later, they're finding the work was never done. Since these are expensive charges Edison will no longer accept these without a Form 48. Mr. Mathisen explained there is an ongoing discussion about the issue with the 60 day deadline. Most utilities are have trouble meeting this deadline. He understands Edison's issue with the work not being done, but he feels they should come up with an alternative solution. He suggested Edison send utilities a list of these item 91 charges so they can make them a priority. Mr. Plaskey feels if this is a small issue like Edison claims then they should not have a problem dealing with it on a case by case basis. Mr. Mathisen asked Edison what the path forward should be. Mr. Brown agreed to take these on case by case and work with Frontier and AT&T when this item is charged.

Agenda Item 6 - Review of Action Items:

- Members to submit pricing for Poles and Authorized Costs.

The ad hoc meeting adjourned at 9:42 a.m.

The next meeting is scheduled for February 19, 2019.

Jenny Silva – Committee Staff

Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions

	Member Code	Member Name	2019-2020 Auth Costs	2019 Individual PP	2019 Weighted Average PP	2019 Comments	2017-2018 Auth Costs	2018 Individual	2018 Weighted Average	2018 Comments	
1	E	Edison					AC	I			E
2	FTR	Frontier Communications	AC	I			AC	I			FTR
3	H	AT&T CA	AC	I			AC	I			H
4	M	City of LA	AC	I			AC	I			M
5	NG	Crown Castle NG West Inc.								Did not submit 2018 pole prices	NG
6	ATC	Verizon Wireless			WA		AC		WA		ATC
7	J	City of Riverside								Did not submit 2018 pole prices	J
8	D	City of Anaheim								Did not submit 2018 pole prices	D
9	TCA	Teleport Comm. America, LLC			WA		AC		WA		TCA
10	A	City of Glendale								Did not submit 2018 pole prices	A
11	ATS	MCI Metro/ATS								Did not submit 2018 pole prices	ATS
12	B	City of Burbank	AC	I				I			B
13	MP	City of Pasadena						I			MP
14	TWC	Time Warner Cable							WA		TWC
15	SCW	Golden State Water	AC	I			AC	I			SCW
16	LAC	AT&T Mobility		I			AC	I			LAC
17	NXT	XO Communications			WA		AC		WA		NXT
18	F	City of Colton								Did not submit 2018 pole prices	F
19	MA	City of Azusa								Did not submit 2018 pole prices	MA
20	COB	City of Banning								Did not submit 2018 pole prices	COB
21	LLW	City of Lompoc	AC	I			AC	I			LLW
22	MCI	MCI Telecomm								Did not submit 2018 pole prices	MCI
23	V	City of Vernon	AC					I		First year to publish Individual Price in 2018. Historically included in Weighted Average	V
24	NPN	NewPath Networks								Did not submit 2018 pole prices	NPN
25	SPR	Sprint Nextel Corp.			WA		AC		WA		SPR
26	ICG	Mpower Comm								Did not submit 2018 pole prices	ICG
27	PBM	T-Mobile USA							WA		PBM
28	FON	Sprint Comm, LP			WA		AC		WA		FON
29	EXT	ExteNet Systems			WA	First time submission 2019 pole prices				Did not submit 2018 pole prices	EXT
30	CCI	CA-CLEC LLC								Did not submit 2018 pole prices	CCI
31	AMT	ATC-Outdoor DAS, LLC								Did not submit 2018 pole prices	AMT
32	MOB	Mobilitie, LLC								Did not submit 2018 pole prices	MOB
Total Submitted Costs			7	7	6		12	10	7		
			2019-2020 Auth Costs	2019 Individual	2019 Weighted Average		2017-2018 Auth Costs	2018 Individual	2018 Weighted Average		

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Y. Johnson**

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

Weighted Average

Individual Costs

X

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

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

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66	
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66	
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64	
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58	
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58	
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58	
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58	
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17	
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

(*) Cost Included in Column #2
(**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Cory Crawford**

Call Back Telephone Number & Email: **714-237-6610 / ck1358@att.com**

Weighted Average Individual Costs ☒

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **Frontier**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435 - bret.p.plaskey@ftr.com**

Weighted Average

Individual Costs

x

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		61.52	8	11	1168.88	151	21		75.86	28	1444.74	
30'		61.52	8	11	1168.88	222	21		75.86	28	1515.74	
35'		61.52	8	11	1168.88	252	21		75.86	28	1545.74	
40'		61.52	8	11	1168.88	358	21		75.86	28	1651.74	
45'		61.52	8	11	1168.88	441	21		75.86	28	1734.74	
50'		61.52	8	14	1353.44	682	21		75.86	28	2160.3	
55'		61.52	8	14	1353.44	612	21		75.86	28	2090.3	
60'		61.52	8	14	1353.44	1150	21		75.86	28	2628.3	
65'		N/A	0	0	#VALUE!						#VALUE!	
70'		N/A	0	0	#VALUE!						#VALUE!	
75'		N/A	0	0	#VALUE!						#VALUE!	
80'		N/A	0	0	#VALUE!						#VALUE!	
85'		N/A	0	0	#VALUE!						#VALUE!	
90'		N/A	0	0	#VALUE!						#VALUE!	
95'		N/A	0	0	#VALUE!						#VALUE!	
100'		N/A	0	0	#VALUE!						#VALUE!	
110'		N/A	0	0	#VALUE!						#VALUE!	

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

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

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	181.40	4	16.65	\$3,745.91	\$398.80	\$75.77	\$330.03	\$232.13	*	\$4,783	
40'	3	181.40	4	16.65	\$3,745.91	\$486.15	\$92.37	\$330.03	\$232.13	*	\$4,887	
40'	H3	181.40	4	16.65	\$3,745.91	\$1,107.50	\$210.43	\$330.03	\$232.13	*	\$5,626	
45'	2	181.40	4	16.65	\$3,745.91	\$660.85	\$125.56	\$330.03	\$232.13	*	\$5,094	
45'	H3	181.40	4	16.65	\$3,745.91	\$1,310.75	\$249.04	\$330.03	\$232.13	*	\$5,868	
50'	2	181.40	4	16.65	\$3,745.91	\$765.30	\$145.41	\$330.03	\$232.13	*	\$5,219	
50'	H3	181.40	4	16.65	\$3,745.91	\$1,514.00	\$287.66	\$330.03	\$232.13	*	\$6,110	
55'	2	181.40	4	16.65	\$3,745.91	\$898.55	\$170.72	\$330.03	\$232.13	*	\$5,377	
55'	H3	181.40	4	16.65	\$3,745.91	\$1,752.55	\$332.98	\$330.03	\$232.13	*	\$6,394	
60'	2	181.40	4	16.65	\$3,745.91	\$1,029.35	\$195.58	\$330.03	\$232.13	*	\$5,533	
60'	H3	181.40	4	16.65	\$3,745.91	\$2,216.00	\$421.04	\$330.03	\$232.13	*	\$6,945	
65'	2	181.40	4	19.85	\$4,326.39	\$1,233.30	\$234.33	\$381.17	\$232.13	*	\$6,407	
70'	2	181.40	4	19.85	\$4,326.39	\$1,358.10	\$258.04	\$381.17	\$232.13	*	\$6,556	
70'	H3	181.40	4	19.85	\$4,326.39	\$2,787.25	\$529.58	\$381.17	\$232.13	*	\$8,257	
75'	2	181.40	4	19.85	\$4,326.39	\$1,573.30	\$298.93	\$381.17	\$232.13	*	\$6,812	
80'	2	181.40	4	19.85	\$4,326.39	\$1,817.95	\$345.41	\$381.17	\$232.13	*	\$7,103	
85'	2	181.40	4	19.85	\$4,326.39	\$2,020.45	\$383.89	\$381.17	\$232.13	*	\$7,344	

90'	2	181.40	4	19.85	\$4,326.39	\$2,428.65	\$461.44	\$381.17	\$232.13	*	\$7,830	
95'	2	181.40	4	19.85	\$4,326.39	\$2,710.60	\$515.01	\$381.17	\$232.13	*	\$8,165	
100'	2	181.40	4	19.85	\$4,326.39	\$3,024.40	\$574.64	\$381.17	\$232.13	*	\$8,539	
110'	1	181.40	4	19.85	\$4,326.39	\$4,630.05	\$879.71	\$381.17	\$232.13	*	\$10,449	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,799.99	\$532.00	\$330.03	\$232.13	*	\$7,640	
45'	109,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,932.80	\$557.23	\$330.03	\$232.13	*	\$7,798	
50'	123,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,043.47	\$578.26	\$330.03	\$232.13	*	\$7,930	
55'	136,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,154.14	\$599.29	\$330.03	\$232.13	*	\$8,061	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,309.08	\$628.73	\$330.03	\$232.13	*	\$8,246	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

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

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,798.27	\$531.67	\$330.03	\$232.13	*	\$7,638	
45'	97,5000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,931.00	\$556.89	\$330.03	\$232.13	*	\$7,796	
50'	101,300 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,041.61	\$577.91	\$330.03	\$232.13	*	\$7,928	
55'	136,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,152.20	\$598.92	\$330.03	\$232.13	*	\$8,059	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,307.05	\$628.34	\$330.03	\$232.13	*	\$8,243	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,578.61	\$489.94	\$381.17	\$232.13	*	\$8,008	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,620.46	\$497.89	\$381.17	\$232.13	*	\$8,058	
55'	189300 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$3,656.83	\$694.80	\$381.17	\$232.13	*	\$9,291	
60'	208000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,016.24	\$763.09	\$381.17	\$232.13	*	\$9,719	
65'	226700 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,200.86	\$798.16	\$381.17	\$232.13	*	\$9,939	
70'	245000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,490.11	\$853.12	\$462.68	\$232.13	*	\$11,290	
70' Heavy	318600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,988.61	\$947.84	\$462.68	\$232.13	*	\$11,883	
75'	264,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,117.85	\$972.39	\$462.68	\$232.13	*	\$12,037	
75' Heavy	343,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,784.96	\$1,099.14	\$462.68	\$232.13	*	\$12,830	
80'	282,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,158.46	\$980.11	\$462.68	\$232.13	*	\$12,085	
80' Heavy	367,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$6,167.75	\$1,171.87	\$462.68	\$232.13	*	\$13,286	
85'	301,600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,426.78	\$1,031.09	\$462.68	\$232.13	*	\$12,404	
90'	320,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,882.19	\$1,117.62	\$462.68	\$232.13	*	\$12,946	
100'	357,800 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$7,114.27	\$1,351.71	\$462.68	\$232.13	*	\$14,412	
110'	395,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$8,485.28	\$1,612.20	\$462.68	\$232.13	*	\$16,044	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$181.40	4	19.85	\$4,326.39	\$5,201.25	\$988.24	\$381.17	\$232.13	*	\$11,129.18	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$181.40	4	22.15	\$4,743.61	\$5,039.42	\$957.49	\$417.93	\$232.13	*	\$11,390.58	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$5,283.86	\$1,003.93	\$425.92	\$232.13	*	\$11,780.15	
65'		0	0	0	0						\$0.00	
70'		0	0	0	0						\$0.00	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						\$0.00	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,074.64	\$378.03	381.17	\$232.13	*	\$7,392	
50' Heavy	143,900 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,458.08	\$378.03	\$381.17	\$232.13	*	\$7,776	
55'	133,100 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,950.28	\$378.03	\$381.17	\$232.13	*	\$8,268	
55' Heavy	221,800 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,069.95	\$378.03	\$381.17	\$232.13	*	\$9,388	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,627.23	\$378.03	\$419.53	\$232.13	*	\$11,419	
75' Heavy	319,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,928.57	\$378.03	\$419.53	\$232.13	*	\$11,720	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

February 19, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:47 p.m. at the Committee office. Those in attendance were:

Mr. Josh Mathisen – AT&T California
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Mr. Bret Plaskey – Frontier Communications
Ms. Glenn Leckie – Frontier Communications
Mr. William Kearns - Frontier Communications
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Mr. Johnny Trang – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Linda McLean – Extenet Systems
Ms. Yvonne Johnson - AT&T Mobility
Mr. Sven Knauth – City of Burbank
Ms. Shawn Henderson – T-Mobile
Mr. Pedro Garganera – Verizon Wireless
Ms. Rachel Torres – Mobilitie
Mr. Douglas Sink – Frontier Communications
Ms. Kay Black – AT&T California
Ms. Lynn Prescott – Verizon Wireless

Mr. Mathisen called the meeting to order at 12:47 p.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Pranata asked the committee if they would like to review the pole prices now or review on their own time and report back with any questions or comments next

month. Ms. Ortiz asked the committee to review the pole prices submitted by Extenet. After review the committee was concerned with the high dollar amount submitted. Ms. McLean explained this was her first time submitting pricing and these are the numbers given to her by the accounting department. She then asked for clarification from the committee on what the pole pricing should include. Mr. Williams explained it should include the pole cost and labor for setting the pole. Ms. McLean then asked Ms. Pranata to remove the pricing she submitted for Extenet. Mr. Mathisen then asked Ms. Pranata if this was an item on the discussion board for the Administrative Board Meeting. Ms. Pranata informed Mr. Mathisen the item will be added to the Admin Board as soon as the Authorized Cost committee approves it. Mr. Mathisen then suggested all members review the pole prices on their own time and report back next month with any issues. He then asked Ms. Pranata to upload the updated copy of the Pole Prices to the agenda page with a note stating date of revision.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)

– At this time the committee is still waiting on Authorized Costs submission from Edison. Mr. Mathisen informed the committee he spoke with Mr. Brown about extending the deadline one final time. Mr. Mathisen then asked Ms. Pranata if March 5th would work for the new deadline. Ms. Pranata agreed to the new deadline. Mr. Mathisen then informed the committee that Mr. Brown agreed to default to 2017-2018 Authorized Costs submissions for Edison if they did not meet the new agreed upon deadline. Ms. Pranata commented that she will email Mr. Brown.

Agenda Item 4 – Item 1653 – New AC item for Failure to Submit Pole Loading by Unauthorized member (14C) 2019-2020 ac (4/17/18) – Item was approved closed in last month's Administrative Board meeting.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. There were none.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to revise the pole prices and post to website under Agenda for today's meeting.
- Ms. Pranata to email Edison to submit their Authorized Costs by March 5th 2019 or Edison's 2017-2018 Authorized Costs will be used.

The ad hoc meeting adjourned at 12:58 p.m.

The next meeting is scheduled for March 19, 2019.

Jenny Silva – Committee Staff

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

Member Code	Member Name	2019-2020 Auth Costs	2019 Individual PP	2019 Weighted Average PP	2019 Comments	2017-2018 Auth Costs	2018 Individual	2018 Weighted Average	2018 Comments	
E	Edison		I		Waiting for E AC	AC	I			E
FTR	Frontier Communications	AC	I			AC	I			FTR
H	AT&T CA	AC	I			AC	I			H
M	City of LA	AC	I			AC	I			M
NG	Crown Castle NG West Inc.				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	NG
ATC	Verizon Wireless	AC		WA		AC		WA		ATC
J	City of Riverside				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	J
D	City of Anaheim				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	D
TCA	Teleport Comm. America, LLC	AC		WA		AC		WA		TCA
A	City of Glendale				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	A
ATS	MCI Metro/ATS				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	ATS
B	City of Burbank	AC	I				I			B
MP	City of Pasadena		I				I			MP
TWC	Time Warner Cable				Did not submit 2019 pole prices/AC			WA		TWC
SCW	Golden State Water	AC	I			AC	I			SCW
LAC	AT&T Mobility	AC	I			AC	I			LAC
NXT	XO Communications	AC		WA		AC		WA		NXT
F	City of Colton				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	F
MA	City of Azusa				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MA
COB	City of Banning				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	COB
LLW	City of Lompoc	AC	I			AC	I			LLW
MCI	MCI Telecomm				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MCI
V	City of Vernon	AC	I				I		First year to publish Individual Price in 2018. Historically included in Weighted Average	V
NPN	NewPath Networks				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	NPN
SPR	Sprint Nextel Corp.	AC		WA		AC		WA		SPR
ICG	Mpower Comm				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	ICG
PBM	T-Mobile USA				Did not submit 2019 pole prices/AC			WA		PBM
FON	Sprint Comm, LP	AC		WA		AC		WA		FON
EXT	ExteNet Systems			WA	First time submission 2019 pole prices				Did not submit 2018 pole prices	EXT
CCI	CA-CLEC LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	CCI
AMT	ATC-Outdoor DAS, LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	AMT
MOB	Mobilite, LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MOB
Total Submitted Costs		13	10	6		12	10	7		
		2019-2020 Auth Costs	2019 Individual	2019 Weighted Average		2017-2018 Auth Costs	2018 Individual	2018 Weighted Average		

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

Please submit to SCJPC by:
 October 31, 2018

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

Person completing worksheet: **Y. Johnson**

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

Weighted Average

Individual Costs

X

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

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

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10		11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		
30'		0	0	0	0						0		
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66		
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66		
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64		
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58		
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58		
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58		
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58		
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17		
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

(*) Cost Included in Column #2
(**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting:

AT&T

Person completing worksheet:

Cory Crawford

Call Back Telephone Number & Email:

714-237-6610 / ck1358@att.com

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **Frontier**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435 - bret.p.plaskey@ftr.com**

Weighted Average

Individual Costs

x

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		61.52	8	11	1168.88	151	21		75.86	28	1444.74	
30'		61.52	8	11	1168.88	222	21		75.86	28	1515.74	
35'		61.52	8	11	1168.88	252	21		75.86	28	1545.74	
40'		61.52	8	11	1168.88	358	21		75.86	28	1651.74	
45'		61.52	8	11	1168.88	441	21		75.86	28	1734.74	
50'		61.52	8	14	1353.44	682	21		75.86	28	2160.3	
55'		61.52	8	14	1353.44	612	21		75.86	28	2090.3	
60'		61.52	8	14	1353.44	1150	21		75.86	28	2628.3	
65'		N/A	0	0	#VALUE!						#VALUE!	
70'		N/A	0	0	#VALUE!						#VALUE!	
75'		N/A	0	0	#VALUE!						#VALUE!	
80'		N/A	0	0	#VALUE!						#VALUE!	
85'		N/A	0	0	#VALUE!						#VALUE!	
90'		N/A	0	0	#VALUE!						#VALUE!	
95'		N/A	0	0	#VALUE!						#VALUE!	
100'		N/A	0	0	#VALUE!						#VALUE!	
110'		N/A	0	0	#VALUE!						#VALUE!	

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

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

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	181.40	4	16.65	\$3,745.91	\$398.80	\$75.77	\$330.03	\$232.13	*	\$4,783	
40'	3	181.40	4	16.65	\$3,745.91	\$486.15	\$92.37	\$330.03	\$232.13	*	\$4,887	
40'	H3	181.40	4	16.65	\$3,745.91	\$1,107.50	\$210.43	\$330.03	\$232.13	*	\$5,626	
45'	2	181.40	4	16.65	\$3,745.91	\$660.85	\$125.56	\$330.03	\$232.13	*	\$5,094	
45'	H3	181.40	4	16.65	\$3,745.91	\$1,310.75	\$249.04	\$330.03	\$232.13	*	\$5,868	
50'	2	181.40	4	16.65	\$3,745.91	\$765.30	\$145.41	\$330.03	\$232.13	*	\$5,219	
50'	H3	181.40	4	16.65	\$3,745.91	\$1,514.00	\$287.66	\$330.03	\$232.13	*	\$6,110	
55'	2	181.40	4	16.65	\$3,745.91	\$898.55	\$170.72	\$330.03	\$232.13	*	\$5,377	
55'	H3	181.40	4	16.65	\$3,745.91	\$1,752.55	\$332.98	\$330.03	\$232.13	*	\$6,394	
60'	2	181.40	4	16.65	\$3,745.91	\$1,029.35	\$195.58	\$330.03	\$232.13	*	\$5,533	
60'	H3	181.40	4	16.65	\$3,745.91	\$2,216.00	\$421.04	\$330.03	\$232.13	*	\$6,945	
65'	2	181.40	4	19.85	\$4,326.39	\$1,233.30	\$234.33	\$381.17	\$232.13	*	\$6,407	
70'	2	181.40	4	19.85	\$4,326.39	\$1,358.10	\$258.04	\$381.17	\$232.13	*	\$6,556	
70'	H3	181.40	4	19.85	\$4,326.39	\$2,787.25	\$529.58	\$381.17	\$232.13	*	\$8,257	
75'	2	181.40	4	19.85	\$4,326.39	\$1,573.30	\$298.93	\$381.17	\$232.13	*	\$6,812	
80'	2	181.40	4	19.85	\$4,326.39	\$1,817.95	\$345.41	\$381.17	\$232.13	*	\$7,103	
85'	2	181.40	4	19.85	\$4,326.39	\$2,020.45	\$383.89	\$381.17	\$232.13	*	\$7,344	

90'	2	181.40	4	19.85	\$4,326.39	\$2,428.65	\$461.44	\$381.17	\$232.13	*	\$7,830	
95'	2	181.40	4	19.85	\$4,326.39	\$2,710.60	\$515.01	\$381.17	\$232.13	*	\$8,165	
100'	2	181.40	4	19.85	\$4,326.39	\$3,024.40	\$574.64	\$381.17	\$232.13	*	\$8,539	
110'	1	181.40	4	19.85	\$4,326.39	\$4,630.05	\$879.71	\$381.17	\$232.13	*	\$10,449	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,799.99	\$532.00	\$330.03	\$232.13	*	\$7,640	
45'	109,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,932.80	\$557.23	\$330.03	\$232.13	*	\$7,798	
50'	123,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,043.47	\$578.26	\$330.03	\$232.13	*	\$7,930	
55'	136,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,154.14	\$599.29	\$330.03	\$232.13	*	\$8,061	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,309.08	\$628.73	\$330.03	\$232.13	*	\$8,246	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

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

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,798.27	\$531.67	\$330.03	\$232.13	*	\$7,638	
45'	97,5000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,931.00	\$556.89	\$330.03	\$232.13	*	\$7,796	
50'	101,300 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,041.61	\$577.91	\$330.03	\$232.13	*	\$7,928	
55'	136,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,152.20	\$598.92	\$330.03	\$232.13	*	\$8,059	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,307.05	\$628.34	\$330.03	\$232.13	*	\$8,243	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,578.61	\$489.94	\$381.17	\$232.13	*	\$8,008	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,620.46	\$497.89	\$381.17	\$232.13	*	\$8,058	
55'	189300 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$3,656.83	\$694.80	\$381.17	\$232.13	*	\$9,291	
60'	208000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,016.24	\$763.09	\$381.17	\$232.13	*	\$9,719	
65'	226700 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,200.86	\$798.16	\$381.17	\$232.13	*	\$9,939	
70'	245000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,490.11	\$853.12	\$462.68	\$232.13	*	\$11,290	
70' Heavy	318600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,988.61	\$947.84	\$462.68	\$232.13	*	\$11,883	
75'	264,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,117.85	\$972.39	\$462.68	\$232.13	*	\$12,037	
75' Heavy	343,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,784.96	\$1,099.14	\$462.68	\$232.13	*	\$12,830	
80'	282,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,158.46	\$980.11	\$462.68	\$232.13	*	\$12,085	
80' Heavy	367,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$6,167.75	\$1,171.87	\$462.68	\$232.13	*	\$13,286	
85'	301,600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,426.78	\$1,031.09	\$462.68	\$232.13	*	\$12,404	
90'	320,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,882.19	\$1,117.62	\$462.68	\$232.13	*	\$12,946	
100'	357,800 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$7,114.27	\$1,351.71	\$462.68	\$232.13	*	\$14,412	
110'	395,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$8,485.28	\$1,612.20	\$462.68	\$232.13	*	\$16,044	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$181.40	4	19.85	\$4,326.39	\$5,201.25	\$988.24	\$381.17	\$232.13	*	\$11,129.18	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$181.40	4	22.15	\$4,743.61	\$5,039.42	\$957.49	\$417.93	\$232.13	*	\$11,390.58	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$5,283.86	\$1,003.93	\$425.92	\$232.13	*	\$11,780.15	
65'		0	0	0	0						\$0.00	
70'		0	0	0	0						\$0.00	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						\$0.00	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,074.64	\$378.03	381.17	\$232.13	*	\$7,392	
50' Heavy	143,900 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,458.08	\$378.03	\$381.17	\$232.13	*	\$7,776	
55'	133,100 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,950.28	\$378.03	\$381.17	\$232.13	*	\$8,268	
55' Heavy	221,800 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,069.95	\$378.03	\$381.17	\$232.13	*	\$9,388	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,627.23	\$378.03	\$419.53	\$232.13	*	\$11,419	
75' Heavy	319,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,928.57	\$378.03	\$419.53	\$232.13	*	\$11,720	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
December 31, 2017

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

Person completing worksheet: **BASEM ANDRAWOS**

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

Weighted Average

Individual Costs

X

Per M. Farazadeh use 2018 Prices

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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

Submitted 04/24/2018 by J.A.

Per J. Armstrong Use 2018 Prices

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Costs

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$251.74	4.00	8.20	\$3,071.24	\$236.76	\$12.15	*	\$251.74	\$139.66	\$3,711.55	0
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$291.31	\$14.94	*	\$251.74	\$141.90	\$3,771.13	11
35'	3	\$251.74	4.00	8.20	\$3,071.24	\$468.12	\$24.01	*	\$251.74	\$149.17	\$3,964.28	1,564
40'	2	\$251.74	4.00	10.40	\$3,625.07	\$701.49	\$35.99	*	\$251.74	\$180.42	\$4,794.71	1,447
45'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,056.71	\$54.21	*	\$251.74	\$195.02	\$5,182.75	9,489
50'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,126.40	\$57.78	*	\$251.74	\$197.88	\$5,258.87	3,045
55'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,147.13	\$58.85	*	\$251.74	\$198.74	\$5,281.53	1,149
60'	1	\$251.74	4.00	10.40	\$3,625.07	\$1,690.56	\$86.73	*	\$251.74	\$221.08	\$5,875.18	517
65'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,194.68	\$112.59	*	\$251.74	\$263.45	\$7,001.36	960
70'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,461.92	\$126.30	*	\$251.74	\$274.44	\$7,293.30	1,078
75'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,688.13	\$137.90	*	\$251.74	\$283.74	\$7,540.41	741
80'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,012.73	\$154.55	*	\$251.74	\$299.54	\$7,960.39	474
85'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,368.79	\$172.82	*	\$251.74	\$314.18	\$8,349.36	200
90'	1	\$251.74	4.25	15.50	\$4,971.88	\$3,977.87	\$204.06	*	\$251.74	\$367.76	\$9,773.31	87
95'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,137.99	\$212.28	*	\$251.74	\$374.34	\$9,948.23	49
100'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,786.31	\$245.54	*	\$251.74	\$400.99	\$10,656.46	19
110'	1	\$251.74	4.25	15.50	\$4,971.88	\$5,999.73	\$307.79	*	\$251.74	\$450.87	\$11,982.01	0

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Cost:

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$915.35	\$46.96	*	\$251.74	\$167.55	\$4,452.84	0
35'	5	\$251.74	4.00	8.20	\$3,071.24	\$1,745.23	\$89.53	*	\$251.74	\$201.67	\$5,359.41	1
40'	5	\$251.74	4.00	10.40	\$3,625.07	\$2,010.45	\$103.14	*	\$251.74	\$234.22	\$6,224.62	0
45'	4	\$251.74	4.00	10.40	\$3,625.07	\$2,165.91	\$111.11	*	\$251.74	\$240.61	\$6,394.44	379
50'	3	\$251.74	4.00	10.40	\$3,625.07	\$2,648.17	\$135.85	*	\$251.74	\$260.44	\$6,921.27	0
55'	3	\$251.74	4.00	10.40	\$3,625.07	\$3,056.65	\$156.81	*	\$251.74	\$277.23	\$7,367.50	0
60'	2	\$251.74	4.00	10.40	\$3,625.07	\$6,007.82	\$308.20	*	\$251.74	\$398.54	\$10,591.37	0
65'	H1	\$251.74	4.00	12.60	\$4,178.90	\$5,511.54	\$282.74	*	\$251.74	\$399.79	\$10,624.71	0
70'	H3	\$251.74	4.00	12.60	\$4,178.90	\$5,516.29	\$282.99	*	\$251.74	\$399.99	\$10,629.91	0
75'	H3	\$251.74	4.00	12.60	\$4,178.90	N/A	N/A	*	\$251.74	N/A	N/A	0
80'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
85'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
90'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

***** Weighted Average Individual Cost: xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 3.91%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$251.74	4.00	10.40	\$3,625.07	\$3,798.29	\$194.85	*	\$251.74	\$390.00	\$322.96	\$8,582.91
45'	0	\$251.74	4.00	10.40	\$3,625.07	\$4,100.71	\$210.37	*	\$251.74	\$390.00	\$335.40	\$8,913.29
50'	1	\$251.74	4.00	10.40	\$3,625.07	\$3,699.25	\$189.77	*	\$251.74	\$570.00	\$325.93	\$8,661.76
55'	1	\$251.74	5.00	10.40	\$3,876.81	\$3,880.79	\$199.08	*	\$251.74	\$570.00	\$343.24	\$9,121.66
60'	1	\$251.74	5.00	10.40	\$3,876.81	\$4,819.09	\$247.22	*	\$251.74	\$570.00	\$381.81	\$10,146.67
65'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,036.71	\$258.38	*	\$251.74	\$850.00	\$423.35	\$11,250.82
70'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,246.29	\$269.13	*	\$251.74	\$850.00	\$431.97	\$11,479.77
75'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,493.37	\$281.81	*	\$251.74	\$920.00	\$444.86	\$11,822.42
80'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,728.03	\$293.85	*	\$251.74	\$920.00	\$454.51	\$12,078.77
85'	1	\$251.74	5.00	12.60	\$4,430.64	\$6,029.50	\$309.31	*	\$251.74	\$1,030.00	\$471.20	\$12,522.39
90'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,266.77	\$321.49	*	\$251.74	\$1,260.00	\$518.49	\$13,779.17
95'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,577.87	\$337.44	*	\$251.74	\$1,260.00	\$531.28	\$14,119.01
100'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,856.82	\$351.75	*	\$251.74	\$1,260.00	\$542.75	\$14,423.74
110'	1	\$251.74	5.00	15.50	\$5,160.68	\$8,141.29	\$417.65	*	\$251.74	\$1,260.00	\$595.55	\$15,826.91

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	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		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
FON		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	731								TOTALS	12380	5	3653	12380
									Wgt Ave		2476		731	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	2393	2476	3											

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	2	1238	3953
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	2	1238	3953
SPR		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
FON		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	762								TOTALS	12929	7	5334	16882
									Wgt Ave		2412		762	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	3207	2412	-25											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	TCA
SPR		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	SPR
FON		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	FON
NXT	4	237.38	2.00	6.00	1899.04	1701.00			147.13		3747	1	1701	3747	NXT
	Salvage	914								TOTALS	13512	5	4570	13512	
									Wgt Ave		2702		914		

2018	PROP.	%
PRICE	2019	CHG.
2663	2702	1

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	TCA
SPR		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	SPR
FON		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	FON
NXT	4	237.38	2.00	6.00	1899.04	1833.00			147.13		3879	1	1833	3879	NXT
	Salvage	1133								TOTALS	16466	5	5665	16466	
									Wgt Ave		3293		1133		

2018	PROP.	%
PRICE	2019	CHG.
3382	3293	-3

2019 POLE PRICES WEIGHTED AVERAGE_Draft2

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	SPR
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	FON
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	1	1995	4041	NXT
	Salvage	1294								TOTALS	18543	5	6469	18543	
									Wgt Ave		3709		1294		

2018	PROP.	%
PRICE	2019	CHG.
3632	3709	2

50' 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	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		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	SPR
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	FON
	Salvage	1393								TOTALS	17579	4	5573	17579	
									Wgt Ave		4395		1393		

2018	PROP.	%
PRICE	2019	CHG.
4720	4395	-7

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

55' POLE		LOADED	NO. OF HOURS			LOADED				ENG	Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	ATC	
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	TCA	
SPR		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	SPR	
FON		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	FON	
	Salvage	1700								TOTALS	20473	4	6801	20473		
									Wgt Ave		5118		1700			

2018	PROP.	%
PRICE	2019	CHG.
4905	5118	4

60' POLE		LOADED	NO. OF HOURS			LOADED				ENG	Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			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		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	SPR	
FON		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	FON	
	Salvage	2197								TOTALS	24645	4	8787	24645		
									Wgt Ave		6161		2197			

2018	PROP.	%
PRICE	2019	CHG.
5965	6161	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
	Salvage	3200												
										TOTALS	19582	2	6400	19582
									Wgt Ave		9791		3200	

2018	PROP.	%
PRICE	2019	CHG.
5242	9791	87

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
											0		0	0
											0		0	0
	Salvage	#DIV/0!												
										TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!		#DIV/0!	

2018	PROP.	%
PRICE	2019	CHG.
7693	#DIV/0!	#DIV/0!

NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!			
	2018	PROP.	%											
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE

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)

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

March 16, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:14 a.m. at the Committee office. Those in attendance were:

Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles – DWP
Mr. John Bacon – City of Los Angeles – DWP
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Valerie Mitwasi – Southern California Edison
Mr. Bryan Strong – Southern California Edison
Mr. Bret Plaskey – Frontier Communications
Ms. Glenn Leckie – Frontier Communications
Mr. William Kearns – Frontier Communications
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Vivian To – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Michael McKay – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Johnny Trang – City of Pasadena
Ms. Lynn Prescott – Verizon Wireless
Ms. Cory Crawford – AT&T California
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Mr. Josh Mathisen – AT&T California
Ms. Linda McLean – Extenet Systems
Ms. Yvonne Johnson – AT&T Mobility
Mr. Sven Knauth – City of Burbank
Ms. Shawn Henderson – T-Mobile
Mr. Pedro Garganera – MCI Telecommunications
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Mr. Mathisen called the meeting to order at 10:14 a.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Mr. Mathisen informed the committee the pole prices matrix was included in the meeting packet. He then asked the committee if they had a chance to review the prices. Ms. Pranata offered to open the file so the committee could review it. Mr. Williams commented the pole prices look correct. He then asked the committee for their opinion and they did not have any questions or comments in regards to the submitted pole prices.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)

– Ms. Pranata commented that she highlighted the lines that had zero dollar amount so the committee could review those lines. Mr. Williams expressed a concern with the price differences between power and communication companies. He feels this difference is the reason for several previous requests to have separate authorized costs for power and communication. In some cases it seems the committee is comparing apples to oranges. A couple examples of this is pricing submitted for trenching poles and raising/lowering poles. The pricing for these examples range from \$800 to \$5,000 and when averaged out these prices do not reflect a true cost. Mr. Mathisen asked Mr. Williams if he wanted to compare the prices before the Committee approved the 2019-2020 prices. Mr. Williams replied yes. Mr. Williams asked for comments or opinions from other members. Mr. Knauth commented that after brief review some costs do not make any sense. The committee then reviewed items 115A – 115D and discovered some companies submitted the same pricing for all four items. Mr. Mathisen explained the reason is some companies have contracts with other companies and get a fixed rate across the board. The committee then reviewed items 78A – 78B and discovered AT&T submitted a cost of \$367 for item 78B and Frontier submitted \$6 for the same item. After some discussion Mr. Plaskey was informed the worksheet for the Authorized Costs Matrix instructs members to use a minimum of 15 minutes of labor per item. Mr. Plaskey agreed to review all Frontiers costs and make adjustments according to the 15 minute rule. Mr. Williams feels if the committee cannot bridge the gaps in pricing they should definitely consider separate authorized costs for power and communication. After some discussion Mr. Williams and Mr. Mathisen agreed there may be some items that will need separate pricing for power and communication while other items will remain combined. Mr. Mathisen asked the committee when not having Authorized Costs for 2019-2020 will affect billing. Ms. Allen reported there are currently 10 NG JPA's holding for 2019-2020 Authorized Costs. The committee then decided to add this item to discussion for tomorrow's Administrative Board Meeting. If the board wants to move forward with separate pricing for authorized costs they will need a vote of at least a 75%. If the board does not get the vote for separate pricing then they will move forward with the current Authorized Cost Matrix.

Agenda Item 4 – Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. There were none.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to add Separate Authorized Costs to Administrative Board Agenda.

The ad hoc meeting adjourned at 10:40 p.m.

The next meeting is scheduled for April 16, 2019.

Jenny Silva – Committee Staff

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

Member Code	Member Name	2019-2020 Auth Costs	2019 Individual PP	2019 Weighted Average PP	2019 Comments	2017-2018 Auth Costs	2018 Individual	2018 Weighted Average	2018 Comments	
1 E	Edison		I		Waiting for E AC	AC	I			E
2 FTR	Frontier Communications	AC	I			AC	I			FTR
3 H	AT&T CA	AC	I			AC	I			H
4 M	City of LA	AC	I			AC	I			M
5 NG	Crown Castle NG West Inc.				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	NG
6 ATC	Verizon Wireless	AC		WA		AC		WA		ATC
7 J	City of Riverside				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	J
8 D	City of Anaheim				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	D
9 TCA	Teleport Comm. America, LLC	AC		WA		AC		WA		TCA
10 A	City of Glendale				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	A
11 ATS	MCI Metro/ATS				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	ATS
12 B	City of Burbank	AC	I				I			B
13 MP	City of Pasadena		I				I			MP
14 TWC	Time Warner Cable				Did not submit 2019 pole prices/AC			WA		TWC
15 SCW	Golden State Water	AC	I			AC	I			SCW
16 LAC	AT&T Mobility	AC	I			AC	I			LAC
17 NXT	XO Communications	AC		WA		AC		WA		NXT
18 F	City of Colton				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	F
19 MA	City of Azusa				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MA
20 COB	City of Banning				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	COB
21 LLW	City of Lompoc	AC	I			AC	I			LLW
22 MCI	MCI Telecomm				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MCI
23 V	City of Vernon	AC	I				I		First year to publish Individual Price in 2018. Historically included in Weighted Average	V
24 NPN	NewPath Networks				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	NPN
25 SPR	Sprint Nextel Corp.	AC		WA		AC		WA		SPR
26 ICG	Mpower Comm				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	ICG
27 PBM	T-Mobile USA				Did not submit 2019 pole prices/AC			WA		PBM
28 FON	Sprint Comm, LP	AC		WA		AC		WA		FON
29 EXT	ExteNet Systems			WA	First time submission 2019 pole prices				Did not submit 2018 pole prices	EXT
30 CCI	CA-CLEC LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	CCI
31 AMT	ATC-Outdoor DAS, LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	AMT
32 MOB	Mobilite, LLC				Did not submit 2019 pole prices/AC				Did not submit 2018 pole prices	MOB
Total Submitted Costs		13	10	6		12	10	7		
		2019-2020 Auth Costs	2019 Individual	2019 Weighted Average		2017-2018 Auth Costs	2018 Individual	2018 Weighted Average		

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Y. Johnson**

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

Weighted Average

Individual Costs

X

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

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

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10		11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		
30'		0	0	0	0						0		
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66		
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66		
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64		
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58		
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58		
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58		
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58		
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17		
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

(*) Cost Included in Column #2
(**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Cory Crawford**

Call Back Telephone Number & Email: **714-237-6610 / ck1358@att.com**

Weighted Average Individual Costs ☒

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **Frontier**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435 - bret.p.plaskey@ftr.com**

Weighted Average

Individual Costs

x

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		61.52	8	11	1168.88	151	21		75.86	28	1444.74	
30'		61.52	8	11	1168.88	222	21		75.86	28	1515.74	
35'		61.52	8	11	1168.88	252	21		75.86	28	1545.74	
40'		61.52	8	11	1168.88	358	21		75.86	28	1651.74	
45'		61.52	8	11	1168.88	441	21		75.86	28	1734.74	
50'		61.52	8	14	1353.44	682	21		75.86	28	2160.3	
55'		61.52	8	14	1353.44	612	21		75.86	28	2090.3	
60'		61.52	8	14	1353.44	1150	21		75.86	28	2628.3	
65'		N/A	0	0	#VALUE!						#VALUE!	
70'		N/A	0	0	#VALUE!						#VALUE!	
75'		N/A	0	0	#VALUE!						#VALUE!	
80'		N/A	0	0	#VALUE!						#VALUE!	
85'		N/A	0	0	#VALUE!						#VALUE!	
90'		N/A	0	0	#VALUE!						#VALUE!	
95'		N/A	0	0	#VALUE!						#VALUE!	
100'		N/A	0	0	#VALUE!						#VALUE!	
110'		N/A	0	0	#VALUE!						#VALUE!	

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

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

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	181.40	4	16.65	\$3,745.91	\$398.80	\$75.77	\$330.03	\$232.13	*	\$4,783	
40'	3	181.40	4	16.65	\$3,745.91	\$486.15	\$92.37	\$330.03	\$232.13	*	\$4,887	
40'	H3	181.40	4	16.65	\$3,745.91	\$1,107.50	\$210.43	\$330.03	\$232.13	*	\$5,626	
45'	2	181.40	4	16.65	\$3,745.91	\$660.85	\$125.56	\$330.03	\$232.13	*	\$5,094	
45'	H3	181.40	4	16.65	\$3,745.91	\$1,310.75	\$249.04	\$330.03	\$232.13	*	\$5,868	
50'	2	181.40	4	16.65	\$3,745.91	\$765.30	\$145.41	\$330.03	\$232.13	*	\$5,219	
50'	H3	181.40	4	16.65	\$3,745.91	\$1,514.00	\$287.66	\$330.03	\$232.13	*	\$6,110	
55'	2	181.40	4	16.65	\$3,745.91	\$898.55	\$170.72	\$330.03	\$232.13	*	\$5,377	
55'	H3	181.40	4	16.65	\$3,745.91	\$1,752.55	\$332.98	\$330.03	\$232.13	*	\$6,394	
60'	2	181.40	4	16.65	\$3,745.91	\$1,029.35	\$195.58	\$330.03	\$232.13	*	\$5,533	
60'	H3	181.40	4	16.65	\$3,745.91	\$2,216.00	\$421.04	\$330.03	\$232.13	*	\$6,945	
65'	2	181.40	4	19.85	\$4,326.39	\$1,233.30	\$234.33	\$381.17	\$232.13	*	\$6,407	
70'	2	181.40	4	19.85	\$4,326.39	\$1,358.10	\$258.04	\$381.17	\$232.13	*	\$6,556	
70'	H3	181.40	4	19.85	\$4,326.39	\$2,787.25	\$529.58	\$381.17	\$232.13	*	\$8,257	
75'	2	181.40	4	19.85	\$4,326.39	\$1,573.30	\$298.93	\$381.17	\$232.13	*	\$6,812	
80'	2	181.40	4	19.85	\$4,326.39	\$1,817.95	\$345.41	\$381.17	\$232.13	*	\$7,103	
85'	2	181.40	4	19.85	\$4,326.39	\$2,020.45	\$383.89	\$381.17	\$232.13	*	\$7,344	

90'	2	181.40	4	19.85	\$4,326.39	\$2,428.65	\$461.44	\$381.17	\$232.13	*	\$7,830	
95'	2	181.40	4	19.85	\$4,326.39	\$2,710.60	\$515.01	\$381.17	\$232.13	*	\$8,165	
100'	2	181.40	4	19.85	\$4,326.39	\$3,024.40	\$574.64	\$381.17	\$232.13	*	\$8,539	
110'	1	181.40	4	19.85	\$4,326.39	\$4,630.05	\$879.71	\$381.17	\$232.13	*	\$10,449	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,799.99	\$532.00	\$330.03	\$232.13	*	\$7,640	
45'	109,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,932.80	\$557.23	\$330.03	\$232.13	*	\$7,798	
50'	123,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,043.47	\$578.26	\$330.03	\$232.13	*	\$7,930	
55'	136,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,154.14	\$599.29	\$330.03	\$232.13	*	\$8,061	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,309.08	\$628.73	\$330.03	\$232.13	*	\$8,246	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

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

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,798.27	\$531.67	\$330.03	\$232.13	*	\$7,638	
45'	97,5000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,931.00	\$556.89	\$330.03	\$232.13	*	\$7,796	
50'	101,300 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,041.61	\$577.91	\$330.03	\$232.13	*	\$7,928	
55'	136,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,152.20	\$598.92	\$330.03	\$232.13	*	\$8,059	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,307.05	\$628.34	\$330.03	\$232.13	*	\$8,243	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,578.61	\$489.94	\$381.17	\$232.13	*	\$8,008	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,620.46	\$497.89	\$381.17	\$232.13	*	\$8,058	
55'	189300 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$3,656.83	\$694.80	\$381.17	\$232.13	*	\$9,291	
60'	208000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,016.24	\$763.09	\$381.17	\$232.13	*	\$9,719	
65'	226700 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,200.86	\$798.16	\$381.17	\$232.13	*	\$9,939	
70'	245000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,490.11	\$853.12	\$462.68	\$232.13	*	\$11,290	
70' Heavy	318600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,988.61	\$947.84	\$462.68	\$232.13	*	\$11,883	
75'	264,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,117.85	\$972.39	\$462.68	\$232.13	*	\$12,037	
75' Heavy	343,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,784.96	\$1,099.14	\$462.68	\$232.13	*	\$12,830	
80'	282,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,158.46	\$980.11	\$462.68	\$232.13	*	\$12,085	
80' Heavy	367,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$6,167.75	\$1,171.87	\$462.68	\$232.13	*	\$13,286	
85'	301,600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,426.78	\$1,031.09	\$462.68	\$232.13	*	\$12,404	
90'	320,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,882.19	\$1,117.62	\$462.68	\$232.13	*	\$12,946	
100'	357,800 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$7,114.27	\$1,351.71	\$462.68	\$232.13	*	\$14,412	
110'	395,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$8,485.28	\$1,612.20	\$462.68	\$232.13	*	\$16,044	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$181.40	4	19.85	\$4,326.39	\$5,201.25	\$988.24	\$381.17	\$232.13	*	\$11,129.18	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$181.40	4	22.15	\$4,743.61	\$5,039.42	\$957.49	\$417.93	\$232.13	*	\$11,390.58	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$5,283.86	\$1,003.93	\$425.92	\$232.13	*	\$11,780.15	
65'		0	0	0	0						\$0.00	
70'		0	0	0	0						\$0.00	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						\$0.00	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,074.64	\$378.03	381.17	\$232.13	*	\$7,392	
50' Heavy	143,900 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,458.08	\$378.03	\$381.17	\$232.13	*	\$7,776	
55'	133,100 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,950.28	\$378.03	\$381.17	\$232.13	*	\$8,268	
55' Heavy	221,800 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,069.95	\$378.03	\$381.17	\$232.13	*	\$9,388	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,627.23	\$378.03	\$419.53	\$232.13	*	\$11,419	
75' Heavy	319,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,928.57	\$378.03	\$419.53	\$232.13	*	\$11,720	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
December 31, 2017

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

Person completing worksheet: **BASEM ANDRAWOS**

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

Weighted Average

Individual Costs

X

Per M. Farajzadeh use 2018 Prices

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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

Submitted 04/24/2018 by J.A.

Per J. Armstrong Use 2018 Prices

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

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Costs

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$251.74	4.00	8.20	\$3,071.24	\$236.76	\$12.15	*	\$251.74	\$139.66	\$3,711.55	0
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$291.31	\$14.94	*	\$251.74	\$141.90	\$3,771.13	11
35'	3	\$251.74	4.00	8.20	\$3,071.24	\$468.12	\$24.01	*	\$251.74	\$149.17	\$3,964.28	1,564
40'	2	\$251.74	4.00	10.40	\$3,625.07	\$701.49	\$35.99	*	\$251.74	\$180.42	\$4,794.71	1,447
45'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,056.71	\$54.21	*	\$251.74	\$195.02	\$5,182.75	9,489
50'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,126.40	\$57.78	*	\$251.74	\$197.88	\$5,258.87	3,045
55'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,147.13	\$58.85	*	\$251.74	\$198.74	\$5,281.53	1,149
60'	1	\$251.74	4.00	10.40	\$3,625.07	\$1,690.56	\$86.73	*	\$251.74	\$221.08	\$5,875.18	517
65'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,194.68	\$112.59	*	\$251.74	\$263.45	\$7,001.36	960
70'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,461.92	\$126.30	*	\$251.74	\$274.44	\$7,293.30	1,078
75'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,688.13	\$137.90	*	\$251.74	\$283.74	\$7,540.41	741
80'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,012.73	\$154.55	*	\$251.74	\$299.54	\$7,960.39	474
85'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,368.79	\$172.82	*	\$251.74	\$314.18	\$8,349.36	200
90'	1	\$251.74	4.25	15.50	\$4,971.88	\$3,977.87	\$204.06	*	\$251.74	\$367.76	\$9,773.31	87
95'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,137.99	\$212.28	*	\$251.74	\$374.34	\$9,948.23	49
100'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,786.31	\$245.54	*	\$251.74	\$400.99	\$10,656.46	19
110'	1	\$251.74	4.25	15.50	\$4,971.88	\$5,999.73	\$307.79	*	\$251.74	\$450.87	\$11,982.01	0

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Cost:

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$915.35	\$46.96	*	\$251.74	\$167.55	\$4,452.84	0
35'	5	\$251.74	4.00	8.20	\$3,071.24	\$1,745.23	\$89.53	*	\$251.74	\$201.67	\$5,359.41	1
40'	5	\$251.74	4.00	10.40	\$3,625.07	\$2,010.45	\$103.14	*	\$251.74	\$234.22	\$6,224.62	0
45'	4	\$251.74	4.00	10.40	\$3,625.07	\$2,165.91	\$111.11	*	\$251.74	\$240.61	\$6,394.44	379
50'	3	\$251.74	4.00	10.40	\$3,625.07	\$2,648.17	\$135.85	*	\$251.74	\$260.44	\$6,921.27	0
55'	3	\$251.74	4.00	10.40	\$3,625.07	\$3,056.65	\$156.81	*	\$251.74	\$277.23	\$7,367.50	0
60'	2	\$251.74	4.00	10.40	\$3,625.07	\$6,007.82	\$308.20	*	\$251.74	\$398.54	\$10,591.37	0
65'	H1	\$251.74	4.00	12.60	\$4,178.90	\$5,511.54	\$282.74	*	\$251.74	\$399.79	\$10,624.71	0
70'	H3	\$251.74	4.00	12.60	\$4,178.90	\$5,516.29	\$282.99	*	\$251.74	\$399.99	\$10,629.91	0
75'	H3	\$251.74	4.00	12.60	\$4,178.90	N/A	N/A	*	\$251.74	N/A	N/A	0
80'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
85'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
90'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

***** Weighted Average Individual Cost: xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 3.91%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$251.74	4.00	10.40	\$3,625.07	\$3,798.29	\$194.85	*	\$251.74	\$390.00	\$322.96	\$8,582.91
45'	0	\$251.74	4.00	10.40	\$3,625.07	\$4,100.71	\$210.37	*	\$251.74	\$390.00	\$335.40	\$8,913.29
50'	1	\$251.74	4.00	10.40	\$3,625.07	\$3,699.25	\$189.77	*	\$251.74	\$570.00	\$325.93	\$8,661.76
55'	1	\$251.74	5.00	10.40	\$3,876.81	\$3,880.79	\$199.08	*	\$251.74	\$570.00	\$343.24	\$9,121.66
60'	1	\$251.74	5.00	10.40	\$3,876.81	\$4,819.09	\$247.22	*	\$251.74	\$570.00	\$381.81	\$10,146.67
65'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,036.71	\$258.38	*	\$251.74	\$850.00	\$423.35	\$11,250.82
70'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,246.29	\$269.13	*	\$251.74	\$850.00	\$431.97	\$11,479.77
75'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,493.37	\$281.81	*	\$251.74	\$920.00	\$444.86	\$11,822.42
80'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,728.03	\$293.85	*	\$251.74	\$920.00	\$454.51	\$12,078.77
85'	1	\$251.74	5.00	12.60	\$4,430.64	\$6,029.50	\$309.31	*	\$251.74	\$1,030.00	\$471.20	\$12,522.39
90'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,266.77	\$321.49	*	\$251.74	\$1,260.00	\$518.49	\$13,779.17
95'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,577.87	\$337.44	*	\$251.74	\$1,260.00	\$531.28	\$14,119.01
100'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,856.82	\$351.75	*	\$251.74	\$1,260.00	\$542.75	\$14,423.74
110'	1	\$251.74	5.00	15.50	\$5,160.68	\$8,141.29	\$417.65	*	\$251.74	\$1,260.00	\$595.55	\$15,826.91

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	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		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
FON		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	731								TOTALS	12380	5	3653	12380
									Wgt Ave		2476		731	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	2393	2476	3											

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	2	1238	3953
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	2	1238	3953
SPR		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
FON		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	762								TOTALS	12929	7	5334	16882
									Wgt Ave		2412		762	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	3207	2412	-25											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	TCA
SPR		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	SPR
FON		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	FON
NXT	4	237.38	2.00	6.00	1899.04	1701.00			147.13		3747	1	1701	3747	NXT
	Salvage	914								TOTALS	13512	5	4570	13512	
									Wgt Ave		2702		914		

2018	PROP.	%
PRICE	2019	CHG.
2663	2702	1

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	TCA
SPR		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	SPR
FON		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	FON
NXT	4	237.38	2.00	6.00	1899.04	1833.00			147.13		3879	1	1833	3879	NXT
	Salvage	1133								TOTALS	16466	5	5665	16466	
									Wgt Ave		3293		1133		

2018	PROP.	%
PRICE	2019	CHG.
3382	3293	-3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	SPR
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	FON
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	1	1995	4041	NXT
	Salvage	1294								TOTALS	18543	5	6469	18543	
									Wgt Ave		3709		1294		

2018	PROP.	%
PRICE	2019	CHG.
3632	3709	2

50' 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	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		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	SPR
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	FON
	Salvage	1393								TOTALS	17579	4	5573	17579	
									Wgt Ave		4395		1393		

2018	PROP.	%
PRICE	2019	CHG.
4720	4395	-7

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

55' POLE		LOADED	NO. OF HOURS		LOADED	ENG		Gen				NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	TCA
SPR		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	SPR
FON		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	FON
	Salvage	1700								TOTALS	20473	4	6801	20473	
									Wgt Ave		5118		1700		

2018	PROP.	%
PRICE	2019	CHG.
4905	5118	4

60' POLE		LOADED	NO. OF HOURS		LOADED	ENG		Gen				NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		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		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	SPR
FON		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	FON
	Salvage	2197								TOTALS	24645	4	8787	24645	
									Wgt Ave		6161		2197		

2018	PROP.	%
PRICE	2019	CHG.
5965	6161	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
	Salvage	3200									TOTALS	19582	2	6400
									Wgt Ave		9791		3200	

2018	PROP.	%
PRICE	2019	CHG.
5242	9791	87

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
											0		0	0
											0		0	0
	Salvage	#DIV/0!									TOTALS	0	0	0
									Wgt Ave		#DIV/0!		#DIV/0!	

2018	PROP.	%
PRICE	2019	CHG.
7693	#DIV/0!	#DIV/0!

NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!			
	2018	PROP.	%											
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!
		NO PRICE

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!
		NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE

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)

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
6-J Pole Stubbing: ET (Extended) Truss	Power	Deleted because no prices submitted															0	#DIV/0!	No Price
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
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	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	251	554		882	632		645	630	12	524	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	No Price
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings NOTE: Refer to Item 21 for conductor cost	Power	697											422			630	2	526	
39 - Stand-off brackets for jointly used risers (new item)																	0	#DIV/0!	No Price
40 - Transferring risers (new item)																	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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	6		43					9	76	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	12			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	12		222	664		336	724	12	426	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	12		309	120		348	94	12	325	
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	

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111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	
111 - H Anchors-Existing Anchor Purchase (street/alley) 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.	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace &fittings to another utility-all sizes 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.	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	
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 WOODEN arm	Power	324											447			383	2	415	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brkets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	No Price
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
120 -N Crossarms- WOODEN , standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																			
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	No Price
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	No Price
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	No Price

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments	
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator																		0	#DIV/0!	No Price
123. Dead ends, on arm or direct to pole, per each strain dead end:																				
123 -A 0-750 volt secondary	Power	109											187			168	2	177		
123 -B 750-7,500 volt primary	Power	139											207			188	2	197		
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188		
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241		
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454		
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494		
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521		
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276		
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347		
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227		
123 -K 34KV – silicone insulators	Power	324											322				1	322		
NOTE:																				
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	No Price	
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	No Price	
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	No Price	
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	No Price	
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262															0	#DIV/0!	No Price	
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	224											248			342	2	295		
Plus conductor ea.	Power	190											197			315	2	256		
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208		
Plus triplex conductor ea.	Power	192											197			315	2	256		
125 - Ground assembly, complete	Power	491											690			565	2	628		
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.																				
126-A Support: single insulator, fiberglass	Power	228											276				1	276		
126-B Support: Double insulator, fiberglass	Power	309											379				1	379		
126-C Support: Triple insulator, fiberglass																		0	#DIV/0!	No Price
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287		
127 Support, single dead end fiberglass	Power	237											286				1	286		
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562		
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124		
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157		
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	No Price	
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	No Price	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments	
130 Double circuit sidemount insulators-Dreyfuss sunburst																		0	#DIV/0!	No Price
131 Insulator assembly bracket for endarm mounting	Power	2308											493			716	2	604		
132-A mounting bracket: two transformers	Power	400											579			588	2	584		
132-B mounting bracket: three transformers	Power	563											823			1136	2	980		
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	179	180	180	180	180	180	180	126	185		262					9	184		
160. Crossarms: (For installation or attachment to existing with service wire only):																				
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260		
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268		
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256		
160-D Crossarms-Attach to existing arm no charge	Communication																			
161. Guard arms: (For installation or attachment to existing with service wire only):																				
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254		
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336		
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249		
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																				
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75		
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75		
164 - A Cable arm(install or attch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252		
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199		
164 - B Cable arm(install or attch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252		
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185		
164 - C Cable arm(install or attch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252		
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185		
164 - D Cable arm(install or attch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252		
164 - E Cable arm(install or attch to existing)-Attach to existing cable arm-NO CHARGE																				
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261		
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110		

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

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

April 16, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:28 a.m. at the Committee office. Those in attendance were:

Mr. Jeff Williams – City of Los Angeles – DWP
Mr. John Bacon – City of Los Angeles – DWP
Ms. Glenn Leckie – Frontier Communications
Mr. William Kearns - Frontier Communications
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Johnny Trang – City of Pasadena
Ms. Lynn Prescott – Verizon Wireless
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Mr. Josh Mathisen – AT&T California
Ms. Linda McLean – Extenet Systems
Ms. Yvonne Johnson - AT&T Mobility
Mr. Pedro Garganera – MCI Telecommunications
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Ben Coffey – City of Banning
Ms. Carla Young – City of Banning
Ms. Corey Crawford – AT&T California
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Maria Ortiz - XO Communications
Ms. Mina Shehata – City of Burbank
Mr. Scot Charlton – Extenet
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Mr. Mathisen called the meeting to order at 11:28 a.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Mr. Mathisen informed the committee the pole prices matrix (Draft 2) was included in the meeting packet. He then asked the committee if they had any comments or questions. Ms. Pranata informed the committee if there were no comments or revisions she can add this item to the Administrative Board Agenda for discussion. After some discussion Mr. Williams and Mr. Mathisen proposed waiting for the final review of the Authorized Costs Matrix so both Pole Prices and Authorized Costs can be added to the Administrative Board Agenda for approval. The Committee staff cannot process a JPA without approval for both. Ms. Pranata once again asked the committee members if they had any questions, comments, or changes on the pole prices and there were none. Item will be placed on hold until Authorized Costs have been approved.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)

– Ms. Pranata informed the committee she highlighted the lines that had zero dollar amount and asked for guidance on what to do with these items. The committee went ahead and reviewed these items one at a time beginning with Item 6J – Pole Stubbing: ET (Extended) Truss – Mr. Williams asked Ms. Pranata if Edison submitted prices for this item in 2017, since it was an item they added to the Matrix. Ms. Pranata informed the committee that Edison did not submit pricing in 2017 and asked that it be deleted from 2017 Authorized Costs as a result. Mr. Williams suggested doing the same thing this year and the committee agreed. Item 33C – Support Triple insulator fiberglass – Mr. Williams asked Ms. Pranata if there was a price submitted for this item in 2017. Ms. Pranata informed him there was no price submitted two years ago, however, the committee defaulted to the last price submitted. Mr. Williams suggested defaulting to the last price submitted and the committee agreed. Items 39 – Stand-off brackets for jointly used risers & 40 – Transferring risers – Mr. Mathisen suggested the committee keep these items on the Matrix, but delete them from the 2019 Authorized Costs. The committee agreed to do so since there is no default pricing because pricing has never submitted for these items. Items 120D, F, G, H, and I – Crossarms, standard line (pins and insulators are extra): pricing for CF ARM. The committee decided to leave these items blank like they did for the 2017-2018 Authorized Costs. Items 122- I, J, K, L, M, N, O, and P - Silicone Insulators – The committee decided to delete these items from the 2019-2020 Authorized Costs. Ms. Pranata then commented no prices have been submitted for Item 123 “NOTE” – the note existed under Item 123 costs. Mr. Williams suggested keeping the same prices. Item 126C – Support for Triple Insulator, fiberglass – the last recorded pricing for this item is \$178. After some discussion the committee decided to remove this item from the 2019-2020 Authorized Costs as well as the Authorized Costs Matrix since it is not used. Mr. Mathisen suggested adding a note in the Matrix for this item as well as item 33C that states “Intentionally blank” so there’s no confusion down the road. Items 129 – Steel crossarm, squirrel cage bracket, including insulator: A and B. The committee decided to default to 2017-2018 pricing for these items. Item 130 – Double circuit side mount insulators (“Dreyfuss Sunburst”) – The committee

decided to default to 2017-2018 pricing for this item as well. Mr. Williams suggested highlighting all these items for 2021-2022 review. Ms. Pranata informed the committee she fixed Frontier's pricing per Mr. Plaskey's request so they were in line with the 15 dollar minimum rule. Ms. Pranata then asked the committee if they had any further questions. Mr. Williams asked where the committee was with the decision to separate Authorized Costs due to the differences in prices. He's ok with approving the Authorized Costs for 2019-2020 as long as the committee can come to some kind of agreement on a path forward in regards to separating costs for Power and Comm. Mr. Mathisen asked Mr. Williams if the committee should create an item number for this or do they need to vote on it before they can vote on the current 2019-2020 Authorized Costs. Mr. Williams would like something on the records that states the committee will work to bridge these gaps in pricing or they will move forward with separating costs for Power and Communication. Mr. Mathisen feels the best path forward would be to create an item for this issue so Mr. Williams can bring forward a list of items he has issue with for discussion. Mr. Williams agreed to report back next month with a list of Authorized Costs items for committee review. Ms. Pranata created Item 1661 – Power-Comm Separation of Authorized Costs. Ms. Pranata then asked the committee if she should move Pole Prices and Authorized Costs (Draft 2) to consent for the Admin Board. Mr. Mathisen explained the committee will not be able to vote on Authorized Costs Prices in May since they still have to discuss item 1661 – Power-Comm Separation of Authorized Costs in next month's Authorized Cost meeting. The committee can vote on Pole Prices in May but Authorized Costs will have to be put on hold until item 1661 is resolved.

Agenda Item 4 – Miscellaneous/ New Item numbers – Mr. Mathisen opened the floor to any new items or concerns. There were none.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to move Pole Prices to discussion for tomorrow's Administrative Board meeting.
- Mr. Williams to report back next month with data for item 1661 – Power-Comm Separation of Authorized Costs.

The ad hoc meeting adjourned at 11:50 a.m.

The next meeting is scheduled for May 14, 2019.

Jenny Silva – Committee Staff

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Y. Johnson**

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

Weighted Average

Individual Costs

X

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

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

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10		11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		
30'		0	0	0	0						0		
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66		
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66		
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64		
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58		
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58		
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58		
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58		
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17		
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

(*) Cost Included in Column #2
(**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

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

Please submit to SCJPC by:
October 31, 2018

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

Person completing worksheet: **Cory Crawford**

Call Back Telephone Number & Email: **714-237-6610 / ck1358@att.com**

Weighted Average Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **Frontier**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435 - bret.p.plaskey@ftr.com**

Weighted Average

Individual Costs

x

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		61.52	8	11	1168.88	151	21		75.86	28	1444.74	
30'		61.52	8	11	1168.88	222	21		75.86	28	1515.74	
35'		61.52	8	11	1168.88	252	21		75.86	28	1545.74	
40'		61.52	8	11	1168.88	358	21		75.86	28	1651.74	
45'		61.52	8	11	1168.88	441	21		75.86	28	1734.74	
50'		61.52	8	14	1353.44	682	21		75.86	28	2160.3	
55'		61.52	8	14	1353.44	612	21		75.86	28	2090.3	
60'		61.52	8	14	1353.44	1150	21		75.86	28	2628.3	
65'		N/A	0	0	#VALUE!						#VALUE!	
70'		N/A	0	0	#VALUE!						#VALUE!	
75'		N/A	0	0	#VALUE!						#VALUE!	
80'		N/A	0	0	#VALUE!						#VALUE!	
85'		N/A	0	0	#VALUE!						#VALUE!	
90'		N/A	0	0	#VALUE!						#VALUE!	
95'		N/A	0	0	#VALUE!						#VALUE!	
100'		N/A	0	0	#VALUE!						#VALUE!	
110'		N/A	0	0	#VALUE!						#VALUE!	

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

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

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	181.40	4	16.65	\$3,745.91	\$398.80	\$75.77	\$330.03	\$232.13	*	\$4,783	
40'	3	181.40	4	16.65	\$3,745.91	\$486.15	\$92.37	\$330.03	\$232.13	*	\$4,887	
40'	H3	181.40	4	16.65	\$3,745.91	\$1,107.50	\$210.43	\$330.03	\$232.13	*	\$5,626	
45'	2	181.40	4	16.65	\$3,745.91	\$660.85	\$125.56	\$330.03	\$232.13	*	\$5,094	
45'	H3	181.40	4	16.65	\$3,745.91	\$1,310.75	\$249.04	\$330.03	\$232.13	*	\$5,868	
50'	2	181.40	4	16.65	\$3,745.91	\$765.30	\$145.41	\$330.03	\$232.13	*	\$5,219	
50'	H3	181.40	4	16.65	\$3,745.91	\$1,514.00	\$287.66	\$330.03	\$232.13	*	\$6,110	
55'	2	181.40	4	16.65	\$3,745.91	\$898.55	\$170.72	\$330.03	\$232.13	*	\$5,377	
55'	H3	181.40	4	16.65	\$3,745.91	\$1,752.55	\$332.98	\$330.03	\$232.13	*	\$6,394	
60'	2	181.40	4	16.65	\$3,745.91	\$1,029.35	\$195.58	\$330.03	\$232.13	*	\$5,533	
60'	H3	181.40	4	16.65	\$3,745.91	\$2,216.00	\$421.04	\$330.03	\$232.13	*	\$6,945	
65'	2	181.40	4	19.85	\$4,326.39	\$1,233.30	\$234.33	\$381.17	\$232.13	*	\$6,407	
70'	2	181.40	4	19.85	\$4,326.39	\$1,358.10	\$258.04	\$381.17	\$232.13	*	\$6,556	
70'	H3	181.40	4	19.85	\$4,326.39	\$2,787.25	\$529.58	\$381.17	\$232.13	*	\$8,257	
75'	2	181.40	4	19.85	\$4,326.39	\$1,573.30	\$298.93	\$381.17	\$232.13	*	\$6,812	
80'	2	181.40	4	19.85	\$4,326.39	\$1,817.95	\$345.41	\$381.17	\$232.13	*	\$7,103	
85'	2	181.40	4	19.85	\$4,326.39	\$2,020.45	\$383.89	\$381.17	\$232.13	*	\$7,344	

90'	2	181.40	4	19.85	\$4,326.39	\$2,428.65	\$461.44	\$381.17	\$232.13	*	\$7,830	
95'	2	181.40	4	19.85	\$4,326.39	\$2,710.60	\$515.01	\$381.17	\$232.13	*	\$8,165	
100'	2	181.40	4	19.85	\$4,326.39	\$3,024.40	\$574.64	\$381.17	\$232.13	*	\$8,539	
110'	1	181.40	4	19.85	\$4,326.39	\$4,630.05	\$879.71	\$381.17	\$232.13	*	\$10,449	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,799.99	\$532.00	\$330.03	\$232.13	*	\$7,640	
45'	109,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,932.80	\$557.23	\$330.03	\$232.13	*	\$7,798	
50'	123,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,043.47	\$578.26	\$330.03	\$232.13	*	\$7,930	
55'	136,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,154.14	\$599.29	\$330.03	\$232.13	*	\$8,061	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,309.08	\$628.73	\$330.03	\$232.13	*	\$8,246	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

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

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,798.27	\$531.67	\$330.03	\$232.13	*	\$7,638	
45'	97,5000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,931.00	\$556.89	\$330.03	\$232.13	*	\$7,796	
50'	101,300 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,041.61	\$577.91	\$330.03	\$232.13	*	\$7,928	
55'	136,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,152.20	\$598.92	\$330.03	\$232.13	*	\$8,059	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,307.05	\$628.34	\$330.03	\$232.13	*	\$8,243	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,578.61	\$489.94	\$381.17	\$232.13	*	\$8,008	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,620.46	\$497.89	\$381.17	\$232.13	*	\$8,058	
55'	189300 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$3,656.83	\$694.80	\$381.17	\$232.13	*	\$9,291	
60'	208000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,016.24	\$763.09	\$381.17	\$232.13	*	\$9,719	
65'	226700 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,200.86	\$798.16	\$381.17	\$232.13	*	\$9,939	
70'	245000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,490.11	\$853.12	\$462.68	\$232.13	*	\$11,290	
70' Heavy	318600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,988.61	\$947.84	\$462.68	\$232.13	*	\$11,883	
75'	264,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,117.85	\$972.39	\$462.68	\$232.13	*	\$12,037	
75' Heavy	343,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,784.96	\$1,099.14	\$462.68	\$232.13	*	\$12,830	
80'	282,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,158.46	\$980.11	\$462.68	\$232.13	*	\$12,085	
80' Heavy	367,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$6,167.75	\$1,171.87	\$462.68	\$232.13	*	\$13,286	
85'	301,600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,426.78	\$1,031.09	\$462.68	\$232.13	*	\$12,404	
90'	320,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,882.19	\$1,117.62	\$462.68	\$232.13	*	\$12,946	
100'	357,800 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$7,114.27	\$1,351.71	\$462.68	\$232.13	*	\$14,412	
110'	395,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$8,485.28	\$1,612.20	\$462.68	\$232.13	*	\$16,044	

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

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

Please submit to SCJPC by:
December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$181.40	4	19.85	\$4,326.39	\$5,201.25	\$988.24	\$381.17	\$232.13	*	\$11,129.18	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$181.40	4	22.15	\$4,743.61	\$5,039.42	\$957.49	\$417.93	\$232.13	*	\$11,390.58	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$5,283.86	\$1,003.93	\$425.92	\$232.13	*	\$11,780.15	
65'		0	0	0	0						\$0.00	
70'		0	0	0	0						\$0.00	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						\$0.00	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 18%	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,074.64	\$378.03	381.17	\$232.13	*	\$7,392	
50' Heavy	143,900 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,458.08	\$378.03	\$381.17	\$232.13	*	\$7,776	
55'	133,100 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,950.28	\$378.03	\$381.17	\$232.13	*	\$8,268	
55' Heavy	221,800 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,069.95	\$378.03	\$381.17	\$232.13	*	\$9,388	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,627.23	\$378.03	\$419.53	\$232.13	*	\$11,419	
75' Heavy	319,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,928.57	\$378.03	\$419.53	\$232.13	*	\$11,720	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
December 31, 2017

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

Person completing worksheet: **BASEM ANDRAWOS**

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

Weighted Average

Individual Costs

X

Per M. Farazadeh use 2018 Prices

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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

Submitted 04/24/2018 by J.A.

Per J. Armstrong Use 2018 Prices

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

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

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Costs

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$251.74	4.00	8.20	\$3,071.24	\$236.76	\$12.15	*	\$251.74	\$139.66	\$3,711.55	0
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$291.31	\$14.94	*	\$251.74	\$141.90	\$3,771.13	11
35'	3	\$251.74	4.00	8.20	\$3,071.24	\$468.12	\$24.01	*	\$251.74	\$149.17	\$3,964.28	1,564
40'	2	\$251.74	4.00	10.40	\$3,625.07	\$701.49	\$35.99	*	\$251.74	\$180.42	\$4,794.71	1,447
45'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,056.71	\$54.21	*	\$251.74	\$195.02	\$5,182.75	9,489
50'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,126.40	\$57.78	*	\$251.74	\$197.88	\$5,258.87	3,045
55'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,147.13	\$58.85	*	\$251.74	\$198.74	\$5,281.53	1,149
60'	1	\$251.74	4.00	10.40	\$3,625.07	\$1,690.56	\$86.73	*	\$251.74	\$221.08	\$5,875.18	517
65'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,194.68	\$112.59	*	\$251.74	\$263.45	\$7,001.36	960
70'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,461.92	\$126.30	*	\$251.74	\$274.44	\$7,293.30	1,078
75'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,688.13	\$137.90	*	\$251.74	\$283.74	\$7,540.41	741
80'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,012.73	\$154.55	*	\$251.74	\$299.54	\$7,960.39	474
85'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,368.79	\$172.82	*	\$251.74	\$314.18	\$8,349.36	200
90'	1	\$251.74	4.25	15.50	\$4,971.88	\$3,977.87	\$204.06	*	\$251.74	\$367.76	\$9,773.31	87
95'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,137.99	\$212.28	*	\$251.74	\$374.34	\$9,948.23	49
100'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,786.31	\$245.54	*	\$251.74	\$400.99	\$10,656.46	19
110'	1	\$251.74	4.25	15.50	\$4,971.88	\$5,999.73	\$307.79	*	\$251.74	\$450.87	\$11,982.01	0

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Cost:

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$915.35	\$46.96	*	\$251.74	\$167.55	\$4,452.84	0
35'	5	\$251.74	4.00	8.20	\$3,071.24	\$1,745.23	\$89.53	*	\$251.74	\$201.67	\$5,359.41	1
40'	5	\$251.74	4.00	10.40	\$3,625.07	\$2,010.45	\$103.14	*	\$251.74	\$234.22	\$6,224.62	0
45'	4	\$251.74	4.00	10.40	\$3,625.07	\$2,165.91	\$111.11	*	\$251.74	\$240.61	\$6,394.44	379
50'	3	\$251.74	4.00	10.40	\$3,625.07	\$2,648.17	\$135.85	*	\$251.74	\$260.44	\$6,921.27	0
55'	3	\$251.74	4.00	10.40	\$3,625.07	\$3,056.65	\$156.81	*	\$251.74	\$277.23	\$7,367.50	0
60'	2	\$251.74	4.00	10.40	\$3,625.07	\$6,007.82	\$308.20	*	\$251.74	\$398.54	\$10,591.37	0
65'	H1	\$251.74	4.00	12.60	\$4,178.90	\$5,511.54	\$282.74	*	\$251.74	\$399.79	\$10,624.71	0
70'	H3	\$251.74	4.00	12.60	\$4,178.90	\$5,516.29	\$282.99	*	\$251.74	\$399.99	\$10,629.91	0
75'	H3	\$251.74	4.00	12.60	\$4,178.90	N/A	N/A	*	\$251.74	N/A	N/A	0
80'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
85'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
90'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

***** Weighted Average Individual Cost: xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 3.91%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$251.74	4.00	10.40	\$3,625.07	\$3,798.29	\$194.85	*	\$251.74	\$390.00	\$322.96	\$8,582.91
45'	0	\$251.74	4.00	10.40	\$3,625.07	\$4,100.71	\$210.37	*	\$251.74	\$390.00	\$335.40	\$8,913.29
50'	1	\$251.74	4.00	10.40	\$3,625.07	\$3,699.25	\$189.77	*	\$251.74	\$570.00	\$325.93	\$8,661.76
55'	1	\$251.74	5.00	10.40	\$3,876.81	\$3,880.79	\$199.08	*	\$251.74	\$570.00	\$343.24	\$9,121.66
60'	1	\$251.74	5.00	10.40	\$3,876.81	\$4,819.09	\$247.22	*	\$251.74	\$570.00	\$381.81	\$10,146.67
65'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,036.71	\$258.38	*	\$251.74	\$850.00	\$423.35	\$11,250.82
70'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,246.29	\$269.13	*	\$251.74	\$850.00	\$431.97	\$11,479.77
75'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,493.37	\$281.81	*	\$251.74	\$920.00	\$444.86	\$11,822.42
80'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,728.03	\$293.85	*	\$251.74	\$920.00	\$454.51	\$12,078.77
85'	1	\$251.74	5.00	12.60	\$4,430.64	\$6,029.50	\$309.31	*	\$251.74	\$1,030.00	\$471.20	\$12,522.39
90'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,266.77	\$321.49	*	\$251.74	\$1,260.00	\$518.49	\$13,779.17
95'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,577.87	\$337.44	*	\$251.74	\$1,260.00	\$531.28	\$14,119.01
100'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,856.82	\$351.75	*	\$251.74	\$1,260.00	\$542.75	\$14,423.74
110'	1	\$251.74	5.00	15.50	\$5,160.68	\$8,141.29	\$417.65	*	\$251.74	\$1,260.00	\$595.55	\$15,826.91

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT WOOD (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	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		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
FON		72.00	6.00	12.00	1296.00	572.00 (**)		468.00	78.00	194.40	2608	1	572	2608
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	731								TOTALS	12380	5	3653	12380
									Wgt Ave		2476		731	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	2393	2476	3											

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	2	1238	3953
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	2	1238	3953
SPR		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
FON		72.00	6.00	12.00	1296.00	660.00 (**)		468.00	78.00	194.40	2696	1	660	2696
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	1	1537	3583
	Salvage	762								TOTALS	12929	7	5334	16882
									Wgt Ave		2412		762	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	3207	2412	-25											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	TCA
SPR		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	SPR
FON		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	FON
NXT	4	237.38	2.00	6.00	1899.04	1701.00			147.13		3747	1	1701	3747	NXT
	Salvage	914								TOTALS	13512	5	4570	13512	
									Wgt Ave		2702		914		

2018	PROP.	%
PRICE	2019	CHG.
2663	2702	1

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	TCA
SPR		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	SPR
FON		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	FON
NXT	4	237.38	2.00	6.00	1899.04	1833.00			147.13		3879	1	1833	3879	NXT
	Salvage	1133								TOTALS	16466	5	5665	16466	
									Wgt Ave		3293		1133		

2018	PROP.	%
PRICE	2019	CHG.
3382	3293	-3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	SPR
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	FON
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	1	1995	4041	NXT
	Salvage	1294								TOTALS	18543	5	6469	18543	
									Wgt Ave		3709		1294		

2018	PROP.	%
PRICE	2019	CHG.
3632	3709	2

50' 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	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		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	SPR
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	FON
	Salvage	1393								TOTALS	17579	4	5573	17579	
									Wgt Ave		4395		1393		

2018	PROP.	%
PRICE	2019	CHG.
4720	4395	-7

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

55' POLE		LOADED	NO. OF HOURS		LOADED	ENG		Gen				NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	TCA
SPR		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	SPR
FON		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	FON
	Salvage	1700								TOTALS	20473	4	6801	20473	
									Wgt Ave		5118		1700		

2018	PROP.	%
PRICE	2019	CHG.
4905	5118	4

60' POLE		LOADED	NO. OF HOURS		LOADED	ENG		Gen				NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	1	1693	4893	TCA
SPR		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	SPR
FON		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	FON
	Salvage	2197								TOTALS	24645	4	8787	24645	
									Wgt Ave		6161		2197		

2018	PROP.	%
PRICE	2019	CHG.
5965	6161	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
	Salvage	3200												
										TOTALS	19582	2	6400	19582
									Wgt Ave		9791		3200	

2018	PROP.	%
PRICE	2019	CHG.
5242	9791	87

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
											0		0	0
											0		0	0
	Salvage	#DIV/0!												
										TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!		#DIV/0!	

2018	PROP.	%
PRICE	2019	CHG.
7693	#DIV/0!	#DIV/0!

NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!			
	2018	PROP.	%											
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!
		NO PRICE

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!
		NO PRICE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE

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)

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																		#DIV/0!	No Price
6-J Pole Stubbing: ET (Extended) Truss	Power																0		
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	

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19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
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	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	251	554		882	632		645	630	12	524	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			

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Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	

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21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	

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23-B2 Vertical to Flat 7.5-115kv double arm per pole NOTE: Cost of rebonding is included in above prices.	Power	2255											2882			2582	2	2732	
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement (cost to be estimated and agreed to by field engineers)</i>																			
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	

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32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	No Price
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers (new item)	Power	No Price															0	#DIV/0!	No Price
40 - Transferring risers (new item)	Power	No Price															0	#DIV/0!	No Price
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	

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81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			

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89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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)																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	15			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
111 - H Anchors-Existing Anchor Purchase (street/alley) 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.	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace &fittings to another utility-all sizes 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.	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	
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 WOODEN arm	Power	324											447			383	2	415	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	No Price
Plus conductor	Power	217														315	1	315	
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	No Price
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																			
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	No Price
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	No Price
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	No Price
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	No Price
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	No Price
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	No Price
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	No Price
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	No Price
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	No Price

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.																		#DIV/0!	No Price
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	262											248			342	2	295	
Plus conductor ea.	Power	190											197			315	2	256	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208	
Plus triplex conductor ea.	Power	192											197			315	2	256	
125 - Ground assembly, complete	Power	491											690			565	2	628	
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.																			
126-A Support: single insulator, fiberglass	Power	228											276				1	276	
126-B Support: Double insulator, fiberglass	Power	309											379				1	379	
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	No Price
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287	
127 Support, single dead end fiberglass	Power	237											286				1	286	
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562	
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124	
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	No Price
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	No Price
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	No Price
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604	
132-A mounting bracket: two transformers	Power	400											579			588	2	584	
132-B mounting bracket: three transformers	Power	563											823			1136	2	980	
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	179	180	180	180	180	180	180	126	185		262					9	184	
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit (“P” tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atatch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atatch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atatch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atatch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atatch to existing)-Attach to existing cable arm-NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	

Effective January 2019

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169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
199 -Installation of wireless equipment or communication equipment not listed: <i>Specify under this item number the nature thereof and the agreed cost under Section 1.2.</i>																			

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

May 14, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:41 p.m. at the Committee office. Those in attendance were:

Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Valerie Mitwatsi – Southern California Edison
Mr. Ronald Schram – City of Los Angeles
Mr. Bret Plaskey – Frontier Communications
Mr. Rey Lopez – Time Warner
Ms. Yesenia Delgado – Time Warner
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Mr. Josh Mathisen – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Corey Crawford – AT&T California
Mr. Earle Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Maria Ortiz - XO Communications
Mr. Scot Charlton – Extenet
Mr. Steve LeVeck – Frontier Communications
Ms. Shawn Henderson – T-Mobile
Mr. Nicholas Vanstryk – City of Vernon
Mr. Glen Leckie – Frontier Communications
Ms. Erica Sanchez - Extenet
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Mr. Mathisen called the meeting to order at 12:41 p.m.

Agenda Item 1 - Review of prior month's minutes: Approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – This item is on the consent calendar for tomorrow's Administrative Board Meeting.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)
– Mr. Williams suggested moving forward with the Authorized Costs currently submitted. He would like to note this is on the condition the Authorized Costs committee follows up on Item 1661- Power – Comm Separation of Authorized Costs (4/16/19), in the next 12 months. Mr. Mathisen then asked the committee to move on the Agenda Item 4.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Williams sent Ms. Pranata a copy of the Authorized Costs Matrix with his notes on items with a substantial gap in costs. The committee reviewed Items 3- Lowering or raising to grade and Item 4 – Straitening in earth. Mr. Williams feels the best way to bridge the gaps in pricing for these items would be mirror Item 1 – Trenching or moving: with supply and Item 2 – Trenching or Moving: without supply. If we added with supply and without supply to items 3 and 4 this should fix the gap in pricing. The committee moved to Item 10 – Sidewalk or pavement repairs for placement, Replacement, or removal of pole or anchor - A, B, C, D and E. Mr. Williams believes there seems to be a bit of confusion on the difference between Item 10A cement break and temporary repair and Item 10C cement saw cut and repair. The pricing is currently higher for Item 10A cement break and temporary repair, but the cost for temporary cold patch repairs do not cost more than a saw cut break and repair. Mr. Plaskey inquired about cost differences of item 10E (ADA accessible ramp). Mr. Williams commented that LADWP did not submit prices for 10E because the ADA ramp rules are not consistent, depending on the cities and inspectors. Mr. Williams also commented that prices will vary because it's considered a new item. Ms. Pranata verified item 10E was added in 2017. The committee agreed with Mr. Williams's findings and decided to revisit this issue at a later date in order to give them time for further research. The committee then moved on to Item 20- Guy wires – transfer - A, B and C. Mr. Williams feels guy wires should be differentiated between supply line and non-supply line. For example if he were to transfer an arm guy to the back of a thirty four five arm the cost would be significantly more than if he were to transfer a guy wire to back up another guy wire down lower on the pole. Mr. Williams asked the committee to review all of the items he has highlighted and report back next month with their input. Mr. Plaskey asked Ms. Pranata to go back to Items 3- Lowering or raising to grade and Item 4 – Straitening in earth. Mr. Plaskey informed Mr. Williams that Frontier does not place 60 – 100' poles so they do not submit pricing for 60-100' poles. He does not feel the separate costs for with supply and without supply would benefit Frontier, he feels it could increase their costs significantly. Mr. Williams explained these items are rarely used so the separation of cost should not impact members drastically. After much discussion the committee decided to revisit this item next month. Mr. Williams moved on to an issue with costs for item 10C. He asked the committee staff what the procedure is when they receive

a final that lists item 10C, but also lists a special cost under nature of work. Ms. Allen informed him the staff will charge the special cost as long as section 1.2 is listed and there is approval from the party being charged. Mr. Williams feels this is wrong. He feels if there is an assigned cost then that is the cost that should be used. Ms. DeBarge asked if it was still acceptable to charge item 10C multiple times as needed. Mr. Williams explained this is fine as long as the break and repair is more than 25 square feet. For example if the break and repair were 75 square feet you would list 1 item 10c and 1 Item 10D.

Agenda Item 5 – Miscellaneous/ New Item numbers – Mr. Brown asked for clarification on an item discussed in last month's meeting since he was not present. The Item in question is 6-J – Pole Stubbing: ET (Extended) Truss. Ms. Pranata informed him the reason the item was deleted was because this item has never had pricing submitted. Mr. Brown was fine with this decision. There were no further miscellaneous items to discuss.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to move Authorized Costs to discussion for tomorrow's Administrative Board meeting.

The ad hoc meeting adjourned at 1:17 p.m.

The next meeting is scheduled for June 18, 2019.

Jenny Silva – Committee Staff

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

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

AT&T Mobility

Person completing worksheet:

Y. Johnson

Call Back Telephone Number & Email:

818-898-2352, yvonne.johnson@cableeng.com

Weighted Average

Individual Costs

X

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

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

NOTE: POLE PRICES FOR 65'-110' ARE NOT AVAILABLE.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting: **LLW - CITY OF LOMPOC**

Person completing worksheet: **David Campo**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'	3	181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.41	380.18	*	*	3363.83	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	844.36	59.11	380.18	*	*	3817.65	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

11/14/2018

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

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10		11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		
30'		0	0	0	0						0		
35'	CL3	235.98	1	4	1179.9	547	0	519.4	218.58	473.78	2938.66		
40'	CL1	235.98	1	4	1179.9	825	0	519.4	218.58	473.78	3216.66		
45'	CL1	235.98	1	5	1415.88	1050	0	519.4	218.58	473.78	3677.64		
50'	CL1	235.98	1	8	2123.82	1116	0	519.4	218.58	473.78	4451.58		
50'	H3	235.98	1	8	2123.82	1780	0	519.4	218.58	473.78	5115.58		
55'	CL1	235.98	1	8	2123.82	1135	0	519.4	218.58	473.78	4470.58		
55'	H3	235.98	1	8	2123.82	2100	0	519.4	218.58	473.78	5435.58		
60'	H2	235.98	1	8	2123.82	2100	0	592.99	218.58	473.78	5509.17		
65'	H4	235.98	1	8	2123.82	2763	0	592.99	218.22	473.78	6171.81		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

(*) Cost Included in Column #2

(**) 11/14/2018 Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

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

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting:

AT&T

Person completing worksheet:

Cory Crawford

Call Back Telephone Number & Email:

714-237-6610 / ck1358@att.com

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		128	1	9	1280	247	79		151	75	1832	
30'		128	1	9	1280	288	92		151	75	1886	
35'		128	1	12	1664	352	112		151	75	2354	
40'		128	1	12	1664	458	146		151	75	2494	
45'		128	1	12	1664	535	170		151	75	2595	
50'		128	1	12	1664	708	225		151	75	2823	
55'		128	1	15	2048	999	150		151	75	3423	
60'		128	1	15	2048	1097	349		151	75	3720	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

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

11/14/2018

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting: **CITY OF BURBANK**

Person completing worksheet: **SVEN KNAUTH**

Call Back Telephone Number & Email: **818-238-3568 SKNAUTH@BURBANKCA.GOV**

Weighted Average

Individual Costs

X

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
40'	3	130	1.5	33	4485.00	845.57	84.55**	256.96	108.92	N/A	5696.45	
40'	2	130	1.5	30.66	4180.80	726.09	72.6**	256.96	108.92	N/A	5272.77	
45'	3	130	1.5	33	4485.00	922.9	92.29**	256.96	108.92	N/A	5773.78	
45'	2	130	1.5	30.66	4180.80	846.21	84.62**	256.96	108.92	N/A	5392.89	
50'	2	130	1.5	31.558	4297.54	979.96	97.99**	271.93	108.92	N/A	5658.35	
55'	2	130	2	29.64	4113.20	1261.35	126.13**	309.89	108.92	N/A	5793.36	
55'	H1	130	2	27.64	3853.20	2239.84	223.98**	332.52	108.92	N/A	6534.48	
60'	2	130	2	30.022	4162.86	1598.26	159.82**	332.52	108.92	N/A	6202.56	
60'	H1	130	2	26.872	3753.36	2448.47	244.84**	362.81	108.92	N/A	6673.56	
65'	2	130	2	30.194	4185.22	1995.55	199.55**	362.81	108.92	N/A	6652.50	
65'	H1	130	2	30.194	4185.22	2810.63	281.06**	362.81	108.92	N/A	7467.58	
70'	2	130	2	30.256	4193.28	1995.36	199.53**	393.11	108.92	N/A	6690.67	
70'	H1	130	2	30.256	4193.28	3248.17	324.81**	393.11	108.92	N/A	7943.48	
75'	2	130	2	30.328	4202.64	2324.23	232.42**	423.04	108.92	N/A	7058.83	
75'	H1	130	2	30.328	4202.64	3606.01	360.6**	423.04	108.92	N/A	8340.61	

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

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

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

11/14/2018

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

Please submit to SCJPC by:
 October 31, 2018

SCJPC Member Utility submitting: **Frontier**

Person completing worksheet: **Bret Plaskey**

Call Back Telephone Number & Email: **909-328-0435 - bret.p.plaskey@ftr.com**

Weighted Average

Individual Costs

x

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		61.52	8	11	1168.88	151	21		75.86	28	1444.74	
30'		61.52	8	11	1168.88	222	21		75.86	28	1515.74	
35'		61.52	8	11	1168.88	252	21		75.86	28	1545.74	
40'		61.52	8	11	1168.88	358	21		75.86	28	1651.74	
45'		61.52	8	11	1168.88	441	21		75.86	28	1734.74	
50'		61.52	8	14	1353.44	682	21		75.86	28	2160.3	
55'		61.52	8	14	1353.44	612	21		75.86	28	2090.3	
60'		61.52	8	14	1353.44	1150	21		75.86	28	2628.3	
65'		N/A	0	0	#VALUE!						#VALUE!	
70'		N/A	0	0	#VALUE!						#VALUE!	
75'		N/A	0	0	#VALUE!						#VALUE!	
80'		N/A	0	0	#VALUE!						#VALUE!	
85'		N/A	0	0	#VALUE!						#VALUE!	
90'		N/A	0	0	#VALUE!						#VALUE!	
95'		N/A	0	0	#VALUE!						#VALUE!	
100'		N/A	0	0	#VALUE!						#VALUE!	
110'		N/A	0	0	#VALUE!						#VALUE!	

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

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

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	181.40	4	16.65	\$3,745.91	\$398.80	\$75.77	\$330.03	\$232.13	*	\$4,783	
40'	3	181.40	4	16.65	\$3,745.91	\$486.15	\$92.37	\$330.03	\$232.13	*	\$4,887	
40'	H3	181.40	4	16.65	\$3,745.91	\$1,107.50	\$210.43	\$330.03	\$232.13	*	\$5,626	
45'	2	181.40	4	16.65	\$3,745.91	\$660.85	\$125.56	\$330.03	\$232.13	*	\$5,094	
45'	H3	181.40	4	16.65	\$3,745.91	\$1,310.75	\$249.04	\$330.03	\$232.13	*	\$5,868	
50'	2	181.40	4	16.65	\$3,745.91	\$765.30	\$145.41	\$330.03	\$232.13	*	\$5,219	
50'	H3	181.40	4	16.65	\$3,745.91	\$1,514.00	\$287.66	\$330.03	\$232.13	*	\$6,110	
55'	2	181.40	4	16.65	\$3,745.91	\$898.55	\$170.72	\$330.03	\$232.13	*	\$5,377	
55'	H3	181.40	4	16.65	\$3,745.91	\$1,752.55	\$332.98	\$330.03	\$232.13	*	\$6,394	
60'	2	181.40	4	16.65	\$3,745.91	\$1,029.35	\$195.58	\$330.03	\$232.13	*	\$5,533	
60'	H3	181.40	4	16.65	\$3,745.91	\$2,216.00	\$421.04	\$330.03	\$232.13	*	\$6,945	
65'	2	181.40	4	19.85	\$4,326.39	\$1,233.30	\$234.33	\$381.17	\$232.13	*	\$6,407	
70'	2	181.40	4	19.85	\$4,326.39	\$1,358.10	\$258.04	\$381.17	\$232.13	*	\$6,556	
70'	H3	181.40	4	19.85	\$4,326.39	\$2,787.25	\$529.58	\$381.17	\$232.13	*	\$8,257	
75'	2	181.40	4	19.85	\$4,326.39	\$1,573.30	\$298.93	\$381.17	\$232.13	*	\$6,812	
80'	2	181.40	4	19.85	\$4,326.39	\$1,817.95	\$345.41	\$381.17	\$232.13	*	\$7,103	
85'	2	181.40	4	19.85	\$4,326.39	\$2,020.45	\$383.89	\$381.17	\$232.13	*	\$7,344	

1/9/2019

90'	2	181.40	4	19.85	\$4,326.39	\$2,428.65	\$461.44	\$381.17	\$232.13	*	\$7,830	
95'	2	181.40	4	19.85	\$4,326.39	\$2,710.60	\$515.01	\$381.17	\$232.13	*	\$8,165	
100'	2	181.40	4	19.85	\$4,326.39	\$3,024.40	\$574.64	\$381.17	\$232.13	*	\$8,539	
110'	1	181.40	4	19.85	\$4,326.39	\$4,630.05	\$879.71	\$381.17	\$232.13	*	\$10,449	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2		3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,799.99	\$532.00	\$330.03	\$232.13	*	\$7,640	
45'	109,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,932.80	\$557.23	\$330.03	\$232.13	*	\$7,798	
50'	123,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,043.47	\$578.26	\$330.03	\$232.13	*	\$7,930	
55'	136,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,154.14	\$599.29	\$330.03	\$232.13	*	\$8,061	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,309.08	\$628.73	\$330.03	\$232.13	*	\$8,246	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

(*****) 1/9/2019 Please designate if you choose to publish your costs individually or be included in the weighted average

2019 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,798.27	\$531.67	\$330.03	\$232.13	*	\$7,638	
45'	97,5000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$2,931.00	\$556.89	\$330.03	\$232.13	*	\$7,796	
50'	101,300 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,041.61	\$577.91	\$330.03	\$232.13	*	\$7,928	
55'	136,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,152.20	\$598.92	\$330.03	\$232.13	*	\$8,059	
60'	150,000 ft-lbs	\$181.40	4	16.65	\$3,745.91	\$3,307.05	\$628.34	\$330.03	\$232.13	*	\$8,243	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'		0	0	0	0						0	
55'		0	0	0	0						0	
60'		0	0	0	0						0	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,578.61	\$489.94	\$381.17	\$232.13	*	\$8,008	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,620.46	\$497.89	\$381.17	\$232.13	*	\$8,058	
55'	189300 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$3,656.83	\$694.80	\$381.17	\$232.13	*	\$9,291	
60'	208000 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,016.24	\$763.09	\$381.17	\$232.13	*	\$9,719	
65'	226700 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,200.86	\$798.16	\$381.17	\$232.13	*	\$9,939	
70'	245000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,490.11	\$853.12	\$462.68	\$232.13	*	\$11,290	
70' Heavy	318600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$4,988.61	\$947.84	\$462.68	\$232.13	*	\$11,883	
75'	264,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,117.85	\$972.39	\$462.68	\$232.13	*	\$12,037	
75' Heavy	343,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,784.96	\$1,099.14	\$462.68	\$232.13	*	\$12,830	
80'	282,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,158.46	\$980.11	\$462.68	\$232.13	*	\$12,085	
80' Heavy	367,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$6,167.75	\$1,171.87	\$462.68	\$232.13	*	\$13,286	
85'	301,600 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,426.78	\$1,031.09	\$462.68	\$232.13	*	\$12,404	
90'	320,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$5,882.19	\$1,117.62	\$462.68	\$232.13	*	\$12,946	
100'	357,800 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$7,114.27	\$1,351.71	\$462.68	\$232.13	*	\$14,412	
110'	395,000 ft-lbs	\$181.40	4	24.95	\$5,251.53	\$8,485.28	\$1,612.20	\$462.68	\$232.13	*	\$16,044	

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.

1/9/2019

(*)

Cost Included in Column #2

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$181.40	4	19.85	\$4,326.39	\$5,201.25	\$988.24	\$381.17	\$232.13	*	\$11,129.18	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'	H-5	\$181.40	4	22.15	\$4,743.61	\$5,039.42	\$957.49	\$417.93	\$232.13	*	\$11,390.58	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$5,283.86	\$1,003.93	\$425.92	\$232.13	*	\$11,780.15	
65'		0	0	0	0						\$0.00	
70'		0	0	0	0						\$0.00	
75'		0	0	0	0						\$0.00	
80'		0	0	0	0						\$0.00	
85'		0	0	0	0						\$0.00	
90'		0	0	0	0						\$0.00	
95'		0	0	0	0						\$0.00	
100'		0	0	0	0						\$0.00	

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

1/9/2019

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

Please submit to SCJPC by:
 December 31, 2018

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Ronald Schram

Call Back Telephone Number & Email:

213-367-2745 Ronald.Schram@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,074.64	\$378.03	381.17	\$232.13	*	\$7,392	
50' Heavy	143,900 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,458.08	\$378.03	\$381.17	\$232.13	*	\$7,776	
55'	133,100 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$2,950.28	\$378.03	\$381.17	\$232.13	*	\$8,268	
55' Heavy	221,800 ft-lbs	\$181.40	4	19.85	\$4,326.39	\$4,069.95	\$378.03	\$381.17	\$232.13	*	\$9,388	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,627.23	\$378.03	\$419.53	\$232.13	*	\$11,419	
75' Heavy	319,600 ft-lbs	\$181.40	4	22.25	\$4,761.75	\$5,928.57	\$378.03	\$419.53	\$232.13	*	\$11,720	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
 December 31, 2017

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

Person completing worksheet: **BASEM ANDRAWOS**

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

Weighted Average

Individual Costs

X

Per M. Farajzadeh use 2018 Prices

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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power

Person completing worksheet:

Joe Armstrong

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

XX

Submitted 04/24/2018 by J.A.

Per J. Armstrong Use 2018 Prices

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Costs

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$251.74	4.00	8.20	\$3,071.24	\$236.76	\$12.15	*	\$251.74	\$139.66	\$3,711.55	0
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$291.31	\$14.94	*	\$251.74	\$141.90	\$3,771.13	11
35'	3	\$251.74	4.00	8.20	\$3,071.24	\$468.12	\$24.01	*	\$251.74	\$149.17	\$3,964.28	1,564
40'	2	\$251.74	4.00	10.40	\$3,625.07	\$701.49	\$35.99	*	\$251.74	\$180.42	\$4,794.71	1,447
45'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,056.71	\$54.21	*	\$251.74	\$195.02	\$5,182.75	9,489
50'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,126.40	\$57.78	*	\$251.74	\$197.88	\$5,258.87	3,045
55'	2	\$251.74	4.00	10.40	\$3,625.07	\$1,147.13	\$58.85	*	\$251.74	\$198.74	\$5,281.53	1,149
60'	1	\$251.74	4.00	10.40	\$3,625.07	\$1,690.56	\$86.73	*	\$251.74	\$221.08	\$5,875.18	517
65'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,194.68	\$112.59	*	\$251.74	\$263.45	\$7,001.36	960
70'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,461.92	\$126.30	*	\$251.74	\$274.44	\$7,293.30	1,078
75'	1	\$251.74	4.00	12.60	\$4,178.90	\$2,688.13	\$137.90	*	\$251.74	\$283.74	\$7,540.41	741
80'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,012.73	\$154.55	*	\$251.74	\$299.54	\$7,960.39	474
85'	1	\$251.74	4.25	12.60	\$4,241.83	\$3,368.79	\$172.82	*	\$251.74	\$314.18	\$8,349.36	200
90'	1	\$251.74	4.25	15.50	\$4,971.88	\$3,977.87	\$204.06	*	\$251.74	\$367.76	\$9,773.31	87
95'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,137.99	\$212.28	*	\$251.74	\$374.34	\$9,948.23	49
100'	1	\$251.74	4.25	15.50	\$4,971.88	\$4,786.31	\$245.54	*	\$251.74	\$400.99	\$10,656.46	19
110'	1	\$251.74	4.25	15.50	\$4,971.88	\$5,999.73	\$307.79	*	\$251.74	\$450.87	\$11,982.01	0

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Cost:

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 5.13%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 3.91%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$251.74	4.00	8.20	\$3,071.24	\$915.35	\$46.96	*	\$251.74	\$167.55	\$4,452.84	0
35'	5	\$251.74	4.00	8.20	\$3,071.24	\$1,745.23	\$89.53	*	\$251.74	\$201.67	\$5,359.41	1
40'	5	\$251.74	4.00	10.40	\$3,625.07	\$2,010.45	\$103.14	*	\$251.74	\$234.22	\$6,224.62	0
45'	4	\$251.74	4.00	10.40	\$3,625.07	\$2,165.91	\$111.11	*	\$251.74	\$240.61	\$6,394.44	379
50'	3	\$251.74	4.00	10.40	\$3,625.07	\$2,648.17	\$135.85	*	\$251.74	\$260.44	\$6,921.27	0
55'	3	\$251.74	4.00	10.40	\$3,625.07	\$3,056.65	\$156.81	*	\$251.74	\$277.23	\$7,367.50	0
60'	2	\$251.74	4.00	10.40	\$3,625.07	\$6,007.82	\$308.20	*	\$251.74	\$398.54	\$10,591.37	0
65'	H1	\$251.74	4.00	12.60	\$4,178.90	\$5,511.54	\$282.74	*	\$251.74	\$399.79	\$10,624.71	0
70'	H3	\$251.74	4.00	12.60	\$4,178.90	\$5,516.29	\$282.99	*	\$251.74	\$399.99	\$10,629.91	0
75'	H3	\$251.74	4.00	12.60	\$4,178.90	N/A	N/A	*	\$251.74	N/A	N/A	0
80'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
85'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
90'	H3	\$251.74	4.00	14.80	\$4,732.72	N/A	N/A	*	\$251.74	N/A	N/A	0
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---

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

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

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

Please submit to SCJPC by:
October 31, 2018

SCJPC Member Utility submitting

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet

Call Back Telephone Number & Email

Weighted Average

Individual Cost:

xx

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 5.13% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 3.91% (\$)	Total Cost (\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$251.74	4.00	10.40	\$3,625.07	\$3,798.29	\$194.85	*	\$251.74	\$390.00	\$322.96	\$8,582.91
45'	0	\$251.74	4.00	10.40	\$3,625.07	\$4,100.71	\$210.37	*	\$251.74	\$390.00	\$335.40	\$8,913.29
50'	1	\$251.74	4.00	10.40	\$3,625.07	\$3,699.25	\$189.77	*	\$251.74	\$570.00	\$325.93	\$8,661.76
55'	1	\$251.74	5.00	10.40	\$3,876.81	\$3,880.79	\$199.08	*	\$251.74	\$570.00	\$343.24	\$9,121.66
60'	1	\$251.74	5.00	10.40	\$3,876.81	\$4,819.09	\$247.22	*	\$251.74	\$570.00	\$381.81	\$10,146.67
65'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,036.71	\$258.38	*	\$251.74	\$850.00	\$423.35	\$11,250.82
70'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,246.29	\$269.13	*	\$251.74	\$850.00	\$431.97	\$11,479.77
75'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,493.37	\$281.81	*	\$251.74	\$920.00	\$444.86	\$11,822.42
80'	1	\$251.74	5.00	12.60	\$4,430.64	\$5,728.03	\$293.85	*	\$251.74	\$920.00	\$454.51	\$12,078.77
85'	1	\$251.74	5.00	12.60	\$4,430.64	\$6,029.50	\$309.31	*	\$251.74	\$1,030.00	\$471.20	\$12,522.39
90'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,266.77	\$321.49	*	\$251.74	\$1,260.00	\$518.49	\$13,779.17
95'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,577.87	\$337.44	*	\$251.74	\$1,260.00	\$531.28	\$14,119.01
100'	1	\$251.74	5.00	15.50	\$5,160.68	\$6,856.82	\$351.75	*	\$251.74	\$1,260.00	\$542.75	\$14,423.74
110'	1	\$251.74	5.00	15.50	\$5,160.68	\$8,141.29	\$417.65	*	\$251.74	\$1,260.00	\$595.55	\$15,826.91

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

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

[illegible]2019 POLE PRICES WEIGHTED AVERAGE Draft2 NOTES04172019

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	TCA
SPR		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	SPR
FON		72.00	6.00	12.00	1296.00	680.00 (**)		468.00	78.00	194.40	2716	1	680	2716	FON
NXT	4	237.38	2.00	6.00	1899.04	1701.00			147.13		3747	1	1701	3747	NXT
	Salvage	914								TOTALS	13512	5	4570	13512	
									Wgt Ave		2702		914		

2018	PROP.	%
PRICE	2019	CHG.
2663	2702	1

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	TCA
SPR		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	SPR
FON		72.00	8.00	14.00	1584.00	935.00 (**)		572.00	78.00	237.60	3407	1	935	3407	FON
NXT	4	237.38	2.00	6.00	1899.04	1833.00			147.13		3879	1	1833	3879	NXT
	Salvage	1133								TOTALS	16466	5	5665	16466	
									Wgt Ave		3293		1133		

2018	PROP.	%
PRICE	2019	CHG.
3382	3293	-3

2019 POLE PRICES WEIGHTED AVERAGE_Draft2_NOTES04172019

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2019 - Draft 2

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	SPR
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897	FON
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	1	1995	4041	NXT
	Salvage	1294								TOTALS	18543	5	6469	18543	
									Wgt Ave		3709		1294		

2018	PROP.	%
PRICE	2019	CHG.
3632	3709	2

50' 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	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		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	SPR
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772	FON
	Salvage	1393								TOTALS	17579	4	5573	17579	
									Wgt Ave		4395		1393		

2018	PROP.	%
PRICE	2019	CHG.
4720	4395	-7

2019 POLE PRICES WEIGHTED AVERAGE_Draft2_NOTES04172019

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

55' POLE		LOADED	NO. OF HOURS			LOADED	ENG			Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		POLES	COSTS	COSTS	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL				
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	1	1520	4362	TCA
SPR		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	SPR
FON		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	1	1880	5875	FON
	Salvage	1700								TOTALS	20473	4	6801	20473	
									Wgt Ave		5118		1700		

2018	PROP.	%
PRICE	2019	CHG.
4905	5118	4

60' POLE		LOADED	NO. OF HOURS			LOADED	ENG			Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		POLES	COSTS	COSTS	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL				
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		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	SPR
FON		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	1	2700	7430	FON
	Salvage	2197								TOTALS	24645	4	8787	24645	
									Wgt Ave		6161		2197		

2018	PROP.	%
PRICE	2019	CHG.
5965	6161	3

2019 POLE PRICES WEIGHTED AVERAGE_Draft2_NOTES04172019

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2019 - Draft 2

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791
	Salvage	3200								TOTALS	19582	2	6400	19582
									Wgt Ave		9791		3200	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	5242	9791	87											

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
											0		0	0
											0		0	0
	Salvage	#DIV/0!								TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!		#DIV/0!	
	2018	PROP.	%											
	PRICE	2019	CHG.											
	7693	#DIV/0!	#DIV/0!	NO PRICE USE LAST YEAR'S PRICE										

2019 POLE PRICES WEIGHTED AVERAGE_Draft2_NOTES04172019

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE - LEAVE IT BLANK										

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
	Salvage	#DIV/0!								TOTALS	0	0	0	0
									Wgt Ave		#DIV/0!			
	2018	PROP.	%											
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE - LEAVE IT BLANK										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE - LEAVE IT BLANK										

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	Salvage	#DIV/0!								TOTALS	0	0	0	0
	2018	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2019	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE - LEAVE IT BLANK										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE - LEAVE IT BLANK

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE - LEAVE IT BLANK

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2019 - Draft 2

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

2018	PROP.	%
PRICE	2019	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE - LEAVE IT BLANK

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)

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	Power = 6,51
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,98
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																		#DIV/0!	DELETE BE
6-J Pole Stubbing: ET (Extended) Truss	Power																0		
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments															
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188																
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879																
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	315	270	270	270	270	270	270	251	185	597	632	644	11	357																			
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	471																																
20-C Insulator relocation	Both	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	433											730			315	2	523																
Transfer Conductor (splicing required)	Power	351											375			472	2	424																
Transfer Conductor (no splicing)	Power	237											257			315	2	286																
21 - B 0-7.5 kv double arm																																		
Transfer Arm	Power	841											1401			630	2	1016																
Transfer Conductor (splicing required)	Power	351											375			472	2	424																
Transfer Conductor (no splicing)	Power	237											257			315	2	286																
21 - C 0-7.5 kv double arm with reinforcing bracket																																		
Transfer Arm	Power	1355											2487			787	2	1637																
Transfer Conductor (splicing required)	Power	351											375			472	2	424																
Transfer Conductor (no splicing)	Power	237											257			315	2	286																
21 - D 0-7.5kv sidearm - single																																		
Transfer Arm	Power	261														315	1	315																
Transfer Conductor (splicing required)	Power	391														472	1	472																
Transfer Conductor (no splicing)	Power	261														315	1	315																
21 - E 0-7.5kv sidearm - double																																		
Transfer Arm	Power	1152											2013			787	2	1400																
Transfer Conductor (splicing required)	Power	400											493			472	2	483																
Transfer Conductor (no splicing)	Power	286											375			315	2	345																
21 - F 7.6-15kv single arm																																		

Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
23-B2 Vertical to Flat 7.5-115kv double arm per pole NOTE: Cost of rebonding is included in above prices.	Power	2255											2882			2582	2	2732	
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement (cost to be estimated and agreed to by field engineers)</i>																			
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	

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32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	

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81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	

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89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	

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94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	15			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	

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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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace &fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	

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Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	

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16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																			
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	

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122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	KEEP PRICE
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	KEEP PRICE
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	KEEP PRICE
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	KEEP PRICE

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Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.																		#DIV/0!	KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	262											248			342	2	295	
Plus conductor ea.	Power	190											197			315	2	256	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208	
Plus triplex conductor ea.	Power	192											197			315	2	256	
125 - Ground assembly, complete	Power	491											690			565	2	628	
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.																			
126-A Support: single insulator, fiberglass	Power	228											276				1	276	
126-B Support: Double insulator, fiberglass	Power	309											379				1	379	
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	NOTE: "INTE
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287	
127 Support, single dead end fiberglass	Power	237											286				1	286	
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562	
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124	
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	Use 2017 pri
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	Use 2017 pri
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	Use 2017 pri
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604	
132-A mounting bracket: two transformers	Power	400											579			588	2	584	
132-B mounting bracket: three transformers	Power	563											823			1136	2	980	
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	179	180	180	180	180	180	180	126	185		262					9	184	
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit (“P” tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm-NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	

Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
199 -Installation of wireless equipment or communication equipment not listed: <i>Specify under this item number the nature thereof and the agreed cost under Section 1.2.</i>																			

Southern California Joint Pole Committee

279 E. Arrow Hwy. Suite 104

San Dimas, CA 91773

Phone (909) 599-3801

Fax (909) 599-3825

**Authorized Costs ad hoc Committee
did not meet in June 2019.**

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

July 16, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:13 a.m. at the Committee office. Those in attendance were:

Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Hector Aguilera – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Ronald Schram – City of Los Angeles
Mr. Bret Plaskey – Frontier Communications
Ms. Yesenia Delgado – Time Warner
Mr. Glenn Leckie – Frontier Communication
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Mr. Josh Mathisen – AT&T California
Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Cory Crawford – AT&T California
Mr. Scot Charlton – Extenet
Ms. Shawn Henderson – T-Mobile
Ms. Lynn Prescott – Verizon Wireless
Ms. Rachel Torres – Mobilitie
Mr. Benjamin Coffee – City of Banning
Mr. Pedro Garganera – MCI Telecommunications
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel

Mr. Mathisen called the meeting to order at 11:13 a.m.

Agenda Item 1 - Review of prior month's minutes: Mr. Mathisen asked if there were any comments, questions, or corrections of May meeting minutes. The

Authorized Costs Committee did not meet in June. The May minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Mr. Mathisen asked Ms. Pranata if it was time to start on 2020 poles prices. Ms. Pranata confirmed this is usually the time she sends out the pole prices matrix. Ms. Pranata asked the committee if they would like to make any changes to the pole price definitions before she sent it out. The committee did not want to make any definition changes at this time. Ms. Pranata agreed to add the 2020 Pole Prices Matrix and definitions to the next meeting's packet. Mr. Mathisen asked the committee if there were any further questions in regards to 2020 Pole Prices. The committee had no further questions.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Item has been placed on hold until Item 1661 – Power – Comm Separating of Authorized Costs (4/16/19), has been resolved.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Pranata pulled up the file submitted by Mr. Williams (LADWP). Mr. Williams has highlighted all items with a significant gap in costs. The committee started with the review of Item 3 – Lowering or raising to grade and Item 4 – Straightening in earth. Mr. Williams explained to the committee members that they can go one of two ways on this issue. They can review the process and definitions of how they come up with these costs then come up with a solution on how to narrow these gaps in costs. The second option would be to separate costs the same way it is done on Item 1 – Trenching or moving (with supply) and Item 2 – Trenching or moving (without supply). Mr. Williams feels option two would work great for Items 3 & 4. Mr. Plaskey asked Ms. Pranata to review prices submitted by all members for items 3 & 4. Mr. Plaskey asked why six different companies listed the exact same costs. Ms. Pranata explained the costs were submitted by CES, which is a contractor. Mr. Williams brought up the fact that it is highly unlikely CES will lower or straighten a 100' pole. Mr. Plaskey brought up a topic that was unrelated, but he felt it would tie into this subject. He asked Mr. Serrato if he was able to close the loop on combining all company names. Mr. Serrato explained his company is going through a lot of changes at this time, but he plans to address this issue in the near future. Mr. Plaskey expressed his concern with AT&T costs of \$741 listed for every size pole on Items 3 & 4 as well as CES costs of \$630 and \$990 for all pole sizes. He feels Frontier is very transparent in their pricing. The way Frontier calculates costs is labor hours times loaded labor rate. Mr. Williams informed the committee LADWP uses the exact same formula. Mr. Williams then explained items 3 & 4 are for the use of straightening or moving poles which can be much more labor intensive than setting a pole. In most cases LADWP will choose to just replace the pole. Mr. Williams then informed the committee that both SCE and LADWP feel it would be best to separate costs for items 3 & 4. The price gap is too big and there is no way to bridge it. Mr. Plaskey moved onto items 10A through 10E.

Mr. Williams explained his issues with these prices. Item 10A – Cement break and temporary repair is priced higher than Item 10B – Asphalt break and repair which makes no sense. Mr. Plaskey agreed with Mr. Williams and pointed out the fact that it is very rare you see SCE costs lower than communication costs. Mr. Plaskey explained Item 10C – Cement saw cut break and repair. Based on 25 square feet and item 10D – Cement saw cut break and repair. Based on 50 square feet, are both costs that are based off panels. Item 10E – ADA accessible ramp (Rev 01/01/2017) is an item that Mr. Plaskey feels should be a 1.2 because there are so many variations of costs. Mr. Williams agreed and explained this is the reason LADWP did not submit a cost for this item. The committee then moved on to Item 14 – Failure to Final JPA Administrative Fee (per pole cost). After review they noted SCE costs were a lot higher than all other members. The committee then moved on to Item 20 – Guy wires – transfer (overhead, span, arm, or anchor) including insulators if used. Mr. Williams feels this item should be separated. He gave an example as to why. If FTR was to force LADWP to replace a pole that is less than 25 years old and it has to back up a thirty four five. Now LADWP has to get a work authority and that would be a big expense. The fact is one wouldn't charge this on a regular 7.1, unless FTR asked LADWP to do their guy wire and in that case LADWP should be paying communication rates and communication definitely shouldn't be paying power rates. Therefore Mr. Williams feels Item 20 should be separated by "backing up supply" and "backing up communication". Mr. Plaskey asked if item 20 was currently a blended cost. Mr. Williams informed him they were in fact blended. Mr. Williams explained the reason for separating costs in this case is the guy wire is not supporting both facilities. He also noted these are pole guys not down guys. Mr. Plaskey then asked AT&T for their opinion on this matter. Mr. Mathisen then asked Ms. Crawford for her input. Ms. Crawford feels this is discussion that should continue. Mr. Williams asked AT&T what their personal feelings were on separating pricing in certain cases. He then asked if there were reasons why they didn't feel they should be separated. Mr. Mathisen feels it depends how the costs are being separated. He feels in cases where there is a 100' pole it makes sense because that's clearly work that's always going to be done by one party, but in cases where either party can do the work for the other party, keeping costs blended make sense. Mr. Williams then explained he is not trying to separate it by which utility does the work. He's trying to separate it out by what type of work it is, for example, AT&T can trench a 100' pole, but are they going to trench a 100' pole with primary on it because LADWP would not allow it. His suggestion is not to separate it by power or communication performing work. His suggestion is to separate it out as "with power supply" and "without power supply" similar to other items. Ms. Crawford agreed with adding more line items with sub context. Mr. Williams stated fixing item 10 should be a priority. Mr. Williams asked Ms. Pranata if there are definitions for Authorized Costs items. Ms. Pranata informed him there are no definitions for Authorized Costs. The only definitions that exist are for Pole Prices. Mr. Plaskey informed the committee FTR is willing to continue this discussion once they have a chance to look into what the total cost difference is going to be. Mr. Williams pointed out that the items 3

& 4 are rarely used. Mr. Mathisen then asked for clarification on when these updates would take place. Ms. Pranata informed the committee these changes are for the 2021-2022 Authorized Costs. Mr. Williams then asked if there were definitions for items 10A-10E, because the pricing gaps aren't making any sense at all. He commented that the companies are not calculating these items the same way or some prices were swapped by accident. After some discussion Mr. Mathisen agreed to leave this item open. Mr. Williams urged the committee members to once again review all highlighted items, review your company's prices, so they can have a more productive discussion at next month's meeting. Mr. Mathisen asked if the 2019-2020 Authorized Costs had been approved. Ms. Pranata informed him the 2019-2020 Authorized Costs were approved in the June 2019 Administrative Board Meeting. Ms. Pranata also informed the committee the 2019 Pole Prices were approved in the May 2019 Administrative Board Meeting

Agenda Item 5 – Miscellaneous/ New Item numbers – Mr. Mathisen asked the committee if there were any miscellaneous items. There were no items at this time.

Agenda Item 6 - Review of Action Items:

- Committee members to review pricing on all highlighted items, especially asphalt and cement.

The ad hoc meeting adjourned at 11:37 a.m.

The next meeting is scheduled for August 20, 2019.

Jenny Silva – Committee Staff

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,988
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																			
6-J Pole Stubbing: ET (Extended) Truss	Power																0	#DIV/0!	DELETE BE
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
TRANSFER COSTS GUY WIRES -----																			
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
20- A All types and sizes, each end	Both	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	251	554		882	632		645	630	12	524	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	

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Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
NOTE: Add Item 24 for bonding cost.																			

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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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	

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Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	

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37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	

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85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86- Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88- Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	

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91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	15			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	

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NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	
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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms- WOODEN , standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
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.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Add \$74 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$246 for each additional insulator on item (h). Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power Power Power Power Power	74 165 180 246 262															0 0 0 0 0	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	KEEP PRICE KEEP PRICE KEEP PRICE KEEP PRICE KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole Plus conductor ea.	Power Power	224 190											248			342	2 2	295 256	
124 -B Racks/Brackets,secondary - Bracket, triplex Plus triplex conductor ea.	Power Power	162 192											187 197			229 315	2 2	208 256	
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	491											690			565	2	628	
126-A Support: single insulator, fiberglass 126-B Support: Double insulator, fiberglass 126-C Support: Triple insulator, fiberglass 126-D Support: Pole Top insulator, fiberglass 127 Support, single dead end fiberglass	Power Power Power Power Power	228 309 178 238 237											276 379				1 1 0 1 1	276 379 #DIV/0! 287 286	 NOTE: "INTE
128-A Insulator mounting bracket-single(vertical or horizontal) 128-B Insulator mounting bracket-Double(vertical) 128-C Insulator mounting bracket-Single over 40KV	Power Power Power	468 937 841											562 1124				1 1 1	562 1124 1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single 129-B Steel Crossarm, squirrel cage brcket, including insulator-Double 130 Double circuit sidemount insulators-Dreyfuss sunburst	Power Power Power	550 491 2308															0 0 0	#DIV/0! #DIV/0! #DIV/0!	Use 2017 pri Use 2017 pri Use 2017 pri
131 Insulator assembly bracket for endarm mounting 132-A mounting bracket: two transformers 132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power Power Power	679 400 563											493 579 823			716 588 1136	2 2 2	604 584 980	
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	179	180	180	180	180	180	180	126	185		262					9	184	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

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

August 20, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:31 a.m. at the Committee office. Those in attendance were:

Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Hector Aguilera – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Valerie Mitwasi – Southern California Edison
Mr. Ronald Schram – City of Los Angeles
Mr. Bret Plaskey – Frontier Communications
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Yvonne Johnson - AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Cory Crawford – AT&T California
Mr. Scot Charlton – Extenet
Ms. Shawn Henderson – T-Mobile
Ms. Lynn Prescott – Verizon Wireless
Mr. Benjamin Coffey – City of Banning
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Yesenia Delgado – Time Warner
Mr. Aaron Cochran - AT&T California
Ms. Linda McLean – Extenet
Ms. Maria Ortiz - XO Communications
Mr. Aarize Dizon - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Glenn Leckie – Frontier Communication

Ms. Crawford called the meeting to order at 11:31 a.m.

Agenda Item 1 - Review of prior month's minutes: Mr. Mathisen was not able to attend so Ms. Crawford called the meeting to order in his absence. Ms. Crawford asked if there were any comments, questions, or corrections regarding July meeting minutes. There were not questions from the committee. The July minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Crawford moved on to the Review of Pole Price blank Matrix and definition of pole price elements. Ms. Pranata informed the committee that she included this information in the August meeting packet for review. She then informed the committee members the process is to review this information and if there are any changes that need to be made they are to be made now. Once the Definitions of pole price elements and the blank Pole Price Matrix have been approved she will then forward both items to all members. Mr. Plaskey asked if the committee was already good with pole prices for this year. Mr. Williams informed him that the 2019 Pole Prices were in fact already approved. He then informed him this is the process the committee follows every year for pole prices. Mr. Plaskey then asked the committee if the Authorized Costs had been approved. Mr. Williams informed him they were approved a few months ago. He also explained that Pole Prices are reviewed and submitted every year and Authorized Costs are reviewed and submitted every two years. Ms. Pranata explained that if the committee wants to change the definitions or how to calculate pricing they have to do so in the Authorized Costs Committee meeting. Mr. Brown asked the committee if they are supposed to review the Pole Prices Matrix on their own or should they discuss this now. Mr. Williams informed him the committee usually discusses the matrix in the authorized costs meeting and then Ms. Pranata will send it out to all Authorized Costs committee members so they can review it with upper management. Mr. Brown informed the committee Edison has a new team that calculates their pole prices and he would like to give them a chance to review it. Mr. Plaskey asked Ms. Pranata if she could send the blank pole price matrix and definitions to the Authorized Costs Committee for review. Ms. Crawford then asked for clarification on the deadline for this item. Mr. Williams informed her the committee usually tries to have it done by January, but this last year it wasn't finalized until May. Ms. Pranata informed her she usually sends the finalized blank pole price matrix and definitions to members in September with a deadline of October 31st but the committee usually postpones that deadline. Ms. Crawford then clarified the members are to review the blank Pole Prices Matrix and definitions. The goal is to report any requests for changes back to the committee by September.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)
– Item has been placed on hold until Item 1661 – Power – Comm Separating of Authorized Costs (4/16/19), has been resolved.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Williams suggested the committee should table this discussion.

He feels the committee should deal with the review of Pole Prices before they return to this item. Mr. Williams and Mr. Plaskey both feel that all companies to the left of Frontier on the highlighted Authorized Costs Matrix should report back with an explanation on how they came up with the pricing for all highlighted items. Ms. Crawford informed the committee AT&T would go back to the finance person that calculated these prices for both the Northern and Southern California Joint Pole Committees. Mr. Williams asked all other highlighted companies to please do the same thing. Ms. Crawford asked if it would be a reasonable goal to ask the highlighted members to report back next month. The committee agreed this would be a reasonable goal. Ms. Crawford then asked Ms. Pranata to email members a copy of the highlighted file prepared by Mr. Williams. Ms. Pranata confirmed she would be sending the file to all members who submitted Authorized Costs.

Agenda Item 5 – Item 1662: Billing Process Simplification (6/18/19)

(moved from RR) – Ms. Crawford asked for clarification on this item. Mr. Serrato informed the committee that they were supposed to create a whole new committee for this item and he believes this is supposed to take place tomorrow. Mr. Williams informed the committee they were supposed to discuss this item tomorrow and go over creating a whole new ad hoc meeting for this topic. Mr. Serrato remembers the ad hoc meeting was already added. Mr. Williams agreed. Ms. Pranata informed the committee the Routine Revisions Committee asked that this item be moved to Authorized Costs. She then tried to research the Routine Revision Minutes to find out why. Mr. Serrato planned to have an inaugural meeting on this subject tomorrow to discuss what the committee's needs and goals are. He reported Ms. Pranata quickly put some ideas together to start this ad hoc meeting, for example one idea was to discuss charges less than \$10. Mr. Williams remembers talking about this item in the Admin Board Meeting and deciding to create a new ad hoc meeting for it. Ms. Allen agreed this was the case and it supposed to start in September. She remembers they were supposed to discuss it at tomorrow's meeting and start the official ad hoc in September. Ms. Crawford asked for clarification on whether or not members were identified for this subcommittee. Ms. Pranata informed her Crown Castle was identified as the chair and LADWP is the co-chair. Ms. Crawford asked if this is something she has to address tomorrow in the read out at the Administrative Board Meeting. Mr. Williams advised that she should definitely address it since it's one of her agenda items. He advised her to say that another ad hoc committee was created and is to be chaired by Crown Castle. Ms. Pranata then asked for confirmation on removing this item from the Authorized Costs Agenda. Mr. Williams confirmed it was to be removed. Ms. Crawford then moved on to the next item.

Agenda Item 6 - Miscellaneous/ New Item numbers – Ms. Crawford asked if there were any new items to discuss. Ms. Crawford informed the committee that Mr. Mathisen is moving into a new assignment and will no longer be

participating in Authorized Costs for Southern California, but he will stay involved in Northern California. She also informed the committee she planned to have a conversation with Mr. Mathisen about NJUNS. Mr. Brown informed her he was working on that project with him. Mr. Plaskey then informed Ms. Crawford the committee would have to assign a new chair to the Authorized Costs Committee unless she would like to take over for Mr. Mathisen. Ms. Crawford agreed to chair Authorized Costs.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to send out highlighted Authorized Costs Matrix to all members that submitted authorized costs.
- Ms. Pranata to send out blank Pole Price Matrix and definition of pole price elements to all committee members for review.

The ad hoc meeting adjourned at 11:46 a.m.

The next meeting is scheduled for September 18, 2019.

Jenny Silva – Committee Staff

2020 DEFINITIONS OF POLE PRICE ELEMENTS

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

8. **Equipment Expense** – The expense (shown in US dollars) of the equipment directly used in the placement or replacement of a jointly owned pole. The expenses should include fuel, oil, and average maintenance costs. For example, a combination digger/derrick vehicle, aerial personnel lift and direct supervision pickup truck is commonly associated with the pole replacement activity. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General & Administrative), use the appropriate designator provided in the “NOTES” of the Pole Price Matrix Worksheet to show under which pricing element these costs are already included.
9. **Engineering and Planning** – The average expense (shown in US dollars) for site survey, pole loading calculation and JPA document preparation for set/replacement of a jointly owned pole. This is calculated by labor hours for engineering and planning for the defined work steps multiplied by average direct (loaded) non-premium labor rate of the labor class (or title) doing the engineering and planning work. (That portion of work that is directly related to the joint pole replacement. This should not include work that is for the sole benefit of any member on record).
10. **General and Administrative** – The average expense for additional labor (shown in US dollars) for direct clerical support, direct supervision of the field crew and indirect supervision of the crew placing the pole. This is usually derived or calculated as a percentage of Direct Labor Rate.
11. **Total Cost** – The total cost to set/replace a jointly owned pole (shown in US dollars). The Total Cost is calculated by summing or adding together the dollar values shown in columns #5, #6, #7, #8, #9, and #10 of the Pole Price Matrix Worksheet.
12. **Total Number of Joint Poles Set and Billed** – This is the number of jointly owned poles set and billed by a member utility in the previous calendar year. The SCJPC provides the total number. (revised 11/17/2017)

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

(*****) 8/14/2019 Please designate if you choose to publish your costs individually or be included in the weighted average

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

(*****) 8/14/2019 Please designate if you choose to publish your costs individually or be included in the weighted average

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,980
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																			
6-J Pole Stubbing: ET (Extended) Truss	Power																0	#DIV/0!	DELETE BE
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
TRANSFER COSTS GUY WIRES -----																			
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
20- A All types and sizes, each end	Both	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	251	554		882	632		645	630	12	524	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	

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Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
NOTE: Add Item 24 for bonding cost.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	

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Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	15			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	
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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms- WOODEN , standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
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.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			

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Add \$74 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$246 for each additional insulator on item (h). Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	74															0	#DIV/0!	KEEP PRICE
	Power	165															0	#DIV/0!	KEEP PRICE
	Power	180															0	#DIV/0!	KEEP PRICE
	Power	246															0	#DIV/0!	KEEP PRICE
	Power	262															0	#DIV/0!	KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	224											248			342	2	295	
Plus conductor ea.	Power	190											197			315	2	256	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208	
Plus triplex conductor ea.	Power	192											197			315	2	256	
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	491											690			565	2	628	
126-A Support: single insulator, fiberglass	Power	228											276				1	276	
126-B Support: Double insulator, fiberglass	Power	309											379				1	379	
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	NOTE: "INTE
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287	
127 Support, single dead end fiberglass	Power	237											286				1	286	
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562	
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124	
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	Use 2017 pri
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	Use 2017 pri
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	Use 2017 pri
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604	
132-A mounting bracket: two transformers	Power	400											579			588	2	584	
132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power	563											823			1136	2	980	
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	179	180	180	180	180	180	180	126	185		262					9	184	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

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167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

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

September 18, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:27 p.m. at the Committee office. Those in attendance were:

Mr. John Bacon – City of Los Angeles – DWP
Mr. Joe Serrato - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Hector Aguilera – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Ms. Camile Bowie – Southern California Edison
Ms. Valerie Mitwasi – Southern California Edison
Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Bret Plaskey – Frontier Communications
Ms. Maria Ortiz - XO Communications
Mr. Joe Armstrong – City of Pasadena
Mr. David Campo – City of Lompoc
Mr. John Vu – City of Anaheim
Ms. Yesenia Delgado – Time Warner
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. Yvonne Johnson - AT&T Mobility
Mr. Glen Leckie – Frontier Communications
Mr. Josh Mathisen – AT&T California
Mr. Dan Luty - Extenet
Ms. Shawn Henderson – T-Mobile
Ms. Lynn Prescott – Verizon Wireless
Mr. Benjamin Coffey – City of Banning
Mr. Pedro Garganera – MCI/Metro

Mr. Mathisen called the meeting to order at 1:27 p.m.

Agenda Item 1 - Review of prior month's minutes: Mr. Mathisen asked if there were any questions, or corrections regarding August minutes. There were no questions or corrections from the committee. August minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Mr. Mathisen asked for an update on this item. Ms. Pranata informed him she emailed a copy of the Draft Pole Price blank Matrix and Definitions of pole price elements to members for review. She explained once the committee reviews these documents and gives their approval she will then send it out to all members for their 2020 pole price submissions. She then pulled up these documents for committee review. After review Mr. Plaskey informed the committee Frontier would like to move forward with the current definition of elements. Mr. Mathisen reported AT&T California did not have any changes to propose either. Mr. Brown informed the committee he wanted to take this information back to his finance crew for review. He recalls they had some questions last year, but he's not sure what the questions were. Mr. Plaskey recalled the question was whether Edison should continue to submit class and height prices or just height prices. Mr. Brown could not confirm this information. Mr. Plaskey then proposed tabling this discussion. Mr. Mathisen then asked if any other members had any requests for changes. The committee had no requests or issues so Mr. Mathisen agreed to place the item on hold until Mr. Brown was able to meet with his finance department. Mr. Mathisen then asked Ms. Pranata when this usually goes out to members for submission. Ms. Pranata informed him she usually sends the Pole Price Matrix out to members at the beginning of October with the due date at the end of October. Mr. Mathisen asked the committee if they would be ok with pushing this to November. He then stated if the committee moves this to November and we do not meet in December which this means the committee will not be discussing the issue until January 2020. Mr. Brown then decided to go ahead and move forward with the Definitions of Pole Price elements and Matrix as is. Ms. Hernandez brought up a question regarding the billing simplification meeting she was in yesterday. The goal of this meeting is to simplify the billing process as much as possible. Ms. Hernandez presented an idea she would like the committee to consider. She explained one of the proposals from the committee was to use the weighted average, but the issue with this is the weighted average is both communication and power combined. She proposed having two separate weighted averages, one for power and one for communication. This way the staff will only have two prices to look at instead of everyone having their own individual pricing. Mr. Mathisen feels this is very reasonable. Mr. Plaskey clarified each company would submit their own prices then next month at the billing simplification meeting they would discuss this idea further. Ms. Hernandez explained that Ms. Pranata would usually take every members cost then come up with a cost that is averaged out. Ms. Pranata explained the weighted average is based on how many new poles are placed. For example Edison's weighted average would be much higher since they set the most poles. Ms. Hernandez explained that she believes Ms. Pranata averages

poles prices by pole class. Ms. Pranata explained she does not have the report by class she only has it by pole height. Ms. Hernandez asked if she would use the higher cost when doing this. Ms. Pranata was not sure. Ms. Hernandez explained the main issue is that communication brings the cost way down which is not fair to the power companies. Mr. Brown felt this was something Edison would consider. Ms. Pranata explained Edison only had one price per pole height this year. There was some discussion on price differences and cost to set poles. Most companies use their own formula to come up with their pole prices. Mr. Armstrong suggested combining all classes then averaging them into one price per pole height. Ms. Hernandez proposed adding an authorized cost for H class poles. Mr. Mathisen asked if this was an issue that should be discussed in the billing simplification meeting. Ms. Hernandez feels the committee should work on this in Authorized Costs as well as the with the simplification team. Mr. Plaskey expressed Frontier is fine moving forward with this idea. Mr. Brown would like to meet with LADWP and some of the other power companies before committing to creating separate pole costs for Power and Communication. Ms. Prescott proposed having Ms. Pranata take a look at last year's submitted pole prices, which are this year's pole prices, then split them up so the committee can take a look at them. Mr. Mathisen agreed this would be a great tool to help the committee make a decision. Ms. Pranata agreed to have these numbers available by next month's meeting. Ms. Hernandez then asked how Ms. Pranata planned to come up with pricing with the different pole classes. Ms. Pranata said she would use Mr. Armstrong's suggestion to combine all classes and then average them into one price per pole height. Ms. Hernandez then asked Ms. Pranata if she would be including H class poles. Ms. Pranata agreed to include H class if that is what the committee agrees to. Mr. Mathisen requested the H class be excluded from the average. He then asked Ms. Pranata to take the difference between that average and the H1 class average. Mr. Mathisen wants to know the difference between the average pole cost compared to the average H1 pole cost as well as the average pole cost compared to the average H2 pole cost. He then offered his assistance to Ms. Pranata in clarifying exactly what he's asking for. Ms. Pranata agreed to follow up with Mr. Mathisen for clarification.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices)

– Item has been placed on hold until Item 1661 – Power – Comm Separating of Authorized Costs (4/16/19), has been resolved. Mr. Mathisen moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19)

– Ms. Pranata informed Mr. Mathisen she received a file from Ms. Crawford on item 1661. She then asked if he would like to review it now. Mr. Mathisen agreed to do that. Ms. Crawford made a few updates for AT&T California to the Authorized Costs Matrix. Mr. Mathisen explained some of the updates made. On Item 3 - Lowering/Raising to grade and Item 4 Straitening in Earth, AT&T California removed the long lengths since they do not use them. He believes it matches what Frontier did. He also explained AT&T California has a

negotiated price which does not specify length so it's the same price no matter the length. Mr. Mathisen noted Ms. Crawford did not highlight any of the changes and suggested going through the entire spreadsheet. Ms. Pranata went ahead and highlighted the changes as they were reviewed. The committee then moved on to Items 10A through 10E. Ms. Pranata asked Mr. Mathisen if he made any changes to these items. Mr. Mathisen explained the issue was not with the prices he submitted for these items. The issue was with the pricing submitted by CES for TCA, ATC, NXT, LAC, SPR, and FON, specifically in regards to item 10E – ADA accessible ramp. The cost CES provided for this item was \$14,180 compared to \$1,219 submitted by AT&T California and \$1,127 submitted by Edison. Mr. Mathisen is extremely concerned with this significant gap in cost. Mr. Plaskey shared this concern and added he feels this item should be a 1.2 Special Agreement because of the drastic variation in cost. Ms. Hernandez informed the committee she would follow up with her people on these items and report back next month. Mr. Mathisen agreed with Mr. Plaskey on the ADA accessible ramp as far as there being a huge variation in pricing and agreed changing it to Section 1.2 may be the best solution. Mr. Plaskey noted this is something he does not feel comfortable moving forward on at this time since Mr. Williams is not present. Mr. Brown commented that he would like to exhaust all other options before making this a Section 1.2. Mr. Plaskey agreed this item needs to be flushed out more before a final decision is made. Mr. Mathisen then moved on the Items 14A and 14B. AT&T California updated the pricing on these items per their hourly cost. Items 20A – 20C were also updated to reflect material costs as well as hourly costs. The committee then moved on to Items 111A – 111H. Mr. Mathisen informed the committee AT&T California removed pricing for Items 111G & H. He feels these items shouldn't have any pricing submitted because the cost is seventy percent of Items 111A and 111B. Item 111F price was lowered to reflect one hour of work for the administrative cost of processing paperwork. Mr. Plaskey then thanked Mr. Mathisen and informed him Frontier would be reevaluating their costs for Section 111 as well. AT&T California also made an adjustment to 111E as well based on their negotiated rates with vendors. The committee then moved on to Items 110A – 110E. Mr. Mathisen was confused by some of the verbiage on Item 110. The matrix states 110A - Guy wire complete Make-up-overhead, span, or arm guy and for item 110B it states Guy wire complete Make-up-Anchor guy so that would seem to be everything. Item 110C states Guy wire complete Make-up- Cutting-in insulator in exist guy and this does not make sense to Mr. Mathisen. It seems like it would be cutting in an insulator in an existing guy and get rid of complete Make-up. He has the same issue with Items 110D – Guy wire complete Make-up-Attaching span guy to interest pole and 110E – Guy wire complete Make-up-Guy guards. Mr. Bacon explained sometimes you have to cut in an insulator it's kind of a guy wire sectionalized so when they put it up in the energized conductors they're protecting the other utilities like the comms or even the people that are on the ground. Sometimes they have to do this as other comms come on so there should be a charge for these instances. Mr. Mathisen agrees with this but it states Guy wire complete make-up so there's some confusion as to what exactly complete

make-up means when below it states existing guy. Mr. Bacon explained he was referring to the insulated one, where they have to install an insulator in the guy wire itself. Mr. Mathisen suggested deleting the words “complete make-up” so that Item 110C states “Guy wire cutting-in insulator in exist guy”. Mr. Bacon explained when it states Make-up it’s referring to the preform that goes on to the end of the guy wire that goes into the insulator. Make-up is a lineman’s term, but if it’s causing confusion Mr. Bacon is fine with removing the term. Mr. Armstrong thinks the committee should remove the word “comp” from item 110C and 110E. After some discussion Mr. Mathisen agreed to remove “comp” from Items 110C and 110E. He also feels 110E should not have the term “Make-up” because it’s only referring to a guy guard. After some discussion Ms. Pranata updated Item 110C to state “Guy wire. Make-up-Cutting-in insulator in exist guy” and Item 110E to state “Guy wire. Make-up-Guy guards on exist guy”. Mr. Plaskey gave examples of scenarios to help explain the reasons for Item descriptions changes. He explained if you have an existing guy and now you have to cut in an insulator, this would be considered a 110C. If you have an existing guy and you have to add a guy guard, this would be considered a 110E. If you have an existing guy and there’s a pole that it’s not attached to and there’s a span guy that you have to attach to another pole, that’s a 110D. Mr. Mathisen asked CES and Frontier to review the highlighted Authorized Costs and return next month with their notes.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Mathisen asked if the committee had any miscellaneous items or questions. Mr. Brown had a question in regards to Item 6- Pole Stubbing – I - Inaccessible to stubbing equipment. He asked if anyone could define when this item is necessarily used. He asked if there was a definition behind this item. Mr. Plaskey believes this would be used in scenario where you have a pole that is between two walls and you cannot get the butt out. Mr. Mathisen explained this item is for placing not removing. Mr. Bacon explained this would most likely be a property line truss that would not be accessible by truck. In this case you would have to hand dig, Mr. Bacon then asked what the current charge was for this item. He believes it would be a substantial cost if there is hand digging involved. Ms. Pranata brought up the current Authorized Costs to show a charge of \$1429. Mr. Bacon feels the current amount is reasonable considering the work involved. Mr. Brown then reminded the committee Edison had mentioned their plan to start stubbing more poles instead of replacing them a few months back. The committee will start receiving these stubbing charges on an invoice. The invoice will allow members to review the charges before they are billed, much like the current process for the intrusive inspections. Mr. Mathisen asked why this isn’t being charged on a JPA. Mr. Brown explained he’s not saying it can’t be charged on a JPA, but he feels this would be the best way to go about it when considering the volume of work. Edison will be going back to 2017 and 2018 and his estimation shows they’ve completed approximately 308 of these over the last 3 years. The current plan is to invoice it quarterly, but he would like to get approval from the committee on the process beforehand. Mr. Plaskey would

like to meet with Mr. Brown to discuss this further. Mr. Plaskey pointed out this would be less expensive than pole replacement. Mr. Bacon asked if there is still a guarantee of 30 years with the truss. Mr. Brown believes this to be true. Mr. Mathisen feels this is an issue they should revisit next month. He also expressed a couple concerns. He would like to know if there is any language in the routine handbook that talks about what happens if Edison stubs a pole today and AT&T California reimburses them for that, then Edison comes back next month or next year saying they've revised their standards and they now have a thirty two pound wind and think it should be replaced. In the north AT&T California would be reimbursed for the stubbing in the case the pole had to be replaced, which he feels is reasonable. Mr. Mathisen also asked Mr. Brown if Edison would be using a vendor to do their stubbing or did they plan to do it in house. If Edison is doing this in house communication companies would like to know if there would be an opportunity for them to hire an authorized vendor. Mr. Brown agreed to look into these issues and report back next month. Mr. Mathisen added that AT&T California is very supportive of stubbing poles instead of replacing them when it makes sense, but they want to make sure they cover their bases first. Mr. Mathisen then suggested adding an Item number to the agenda for this issue. The committee agreed this would be best. Ms. Pranata created Item 1666 – Pole Stubbing vs Replacement (9/18/19). Mr. Mathisen believes all the maintenance plans have been approved and it sounds like this is part of that. Mr. Mathisen was wondering if there was going to be an addendum to Edison's maintenance plan. Mr. Brown will follow up on this and report back with an answer as to whether or not stubbing is currently part of Edison's approved maintenance plan.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to create a comparison of pole prices and H class prices for member review.
- Communication members to review/compare prices for highlighted items on Authorized Costs Spreadsheet and report back next month.

The ad hoc meeting adjourned at 2:14 p.m.

The next meeting is scheduled for October 16, 2019.

Jenny Silva – Committee Staff

2020 DEFINITIONS OF POLE PRICE ELEMENTS

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

8. **Equipment Expense** – The expense (shown in US dollars) of the equipment directly used in the placement or replacement of a jointly owned pole. The expenses should include fuel, oil, and average maintenance costs. For example, a combination digger/derrick vehicle, aerial personnel lift and direct supervision pickup truck is commonly associated with the pole replacement activity. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General & Administrative), use the appropriate designator provided in the “NOTES” of the Pole Price Matrix Worksheet to show under which pricing element these costs are already included.
9. **Engineering and Planning** – The average expense (shown in US dollars) for site survey, pole loading calculation and JPA document preparation for set/replacement of a jointly owned pole. This is calculated by labor hours for engineering and planning for the defined work steps multiplied by average direct (loaded) non-premium labor rate of the labor class (or title) doing the engineering and planning work. (That portion of work that is directly related to the joint pole replacement. This should not include work that is for the sole benefit of any member on record).
10. **General and Administrative** – The average expense for additional labor (shown in US dollars) for direct clerical support, direct supervision of the field crew and indirect supervision of the crew placing the pole. This is usually derived or calculated as a percentage of Direct Labor Rate.
11. **Total Cost** – The total cost to set/replace a jointly owned pole (shown in US dollars). The Total Cost is calculated by summing or adding together the dollar values shown in columns #5, #6, #7, #8, #9, and #10 of the Pole Price Matrix Worksheet.
12. **Total Number of Joint Poles Set and Billed** – This is the number of jointly owned poles set and billed by a member utility in the previous calendar year. The SCJPC provides the total number. (revised 11/17/2017)

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

9/11/2019

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

(*****) 9/11/2019 Please designate if you choose to publish your costs individually or be included in the weighted average

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

(*****) 9/11/2019 Please designate if you choose to publish your costs individually or be included in the weighted average

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

9/11/2019

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

9/11/2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990	741	984			4145		2440	3778	11	1639	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990	741				5132			5038	9	1872	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990	741				6316			5038	9	2004	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990	741				7401			5038	9	2124	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990	741				7994			5038	9	2190	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,980
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440	741	984			1954		4183	2519	11	1729	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440	741				1954			5038	9	1819	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690	741				1954			5038	9	3319	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																			
6-J Pole Stubbing: ET (Extended) Truss	Power																0	#DIV/0!	DELETE BE
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
TRANSFER COSTS GUY WIRES -----																			
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
20- A All types and sizes, each end	Both	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	251	554		882	632		645	630	12	524	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
NOTE: Add Item 24 for bonding cost.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	

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Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86- Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88- Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	401	554		707	664		336	787	12	512	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	251	554		915	522		462	630	12	503	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	251	15			205		343	315	11	348	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	457	554		2048	1741		1888	1889	12	1120	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	457	554			952		440	724	11	726	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	457	554	1121	1060	641		440	756	13	761	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	457	554			559		732	630	11	708	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	457	554					614	661	10	397	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	38	554		1088			290	744	11	374	
111 - G Anchors-Existing anchor purchase (Rear property)	Both	616	672	672	672	672	672	672	75	554		1433			290	868	11	659	
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	339	356	356	356	356	356	356	115	554		742			290	422	11	387	
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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450	378	554			1367		697		10	570	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990	504	554			2038		697		10	973	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540	504	554					1394	1259	10	695	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540	504	554		586			1394		10	628	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540	504	554			1096		1394		10	679	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms- WOODEN , standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
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.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Add \$74 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$246 for each additional insulator on item (h). Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power Power Power Power Power	74 165 180 246 262															0 0 0 0 0	#DIV/0! #DIV/0! #DIV/0! #DIV/0! #DIV/0!	KEEP PRICE KEEP PRICE KEEP PRICE KEEP PRICE KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole Plus conductor ea.	Power Power	224 190											248			342	2 2	295 256	
124 -B Racks/Brackets,secondary - Bracket, triplex Plus triplex conductor ea.	Power Power	162 192											187 197			229 315	2 2	208 256	
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	491											690			565	2	628	
126-A Support: single insulator, fiberglass 126-B Support: Double insulator, fiberglass 126-C Support: Triple insulator, fiberglass 126-D Support: Pole Top insulator, fiberglass 127 Support, single dead end fiberglass	Power Power Power Power Power	228 309 178 238 237											276 379				1 1 0 1 1	276 379 #DIV/0! 287 286	 NOTE: "INTERRUPTED"
128-A Insulator mounting bracket-single(vertical or horizontal) 128-B Insulator mounting bracket-Double(vertical) 128-C Insulator mounting bracket-Single over 40KV	Power Power Power	468 937 841											562 1124				1 1 1	562 1124 1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single 129-B Steel Crossarm, squirrel cage brcket, including insulator-Double 130 Double circuit sidemount insulators-Dreyfuss sunburst	Power Power Power	550 491 2308															0 0 0	#DIV/0! #DIV/0! #DIV/0!	Use 2017 price Use 2017 price Use 2017 price
131 Insulator assembly bracket for endarm mounting 132-A mounting bracket: two transformers 132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power Power Power	679 400 563											493 579 823			716 588 1136	2 2 2	604 584 980	
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	179	180	180	180	180	180	180	126	185		262					9	184	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

CURRENT	PROPOSED NEW TITLE/DESCRIPTION 9/18/2019
110 - A Guy wire complete make-up: overhead, span, or arm guy	
110 - B Guy wire complete make-up: Anchor guy	
110 - C Guy wire complete make-up: Cutting-in insulator in exist guy	Guy wire. Make-up-Cutting-in insulator in exist guy.
110 - D Guy wire complete make-up: Attaching span guy to interser pole	
110 - E Guy wire complete make-up: Guy guards	Guy wire. Make-up-Guy guards on exist guy.

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			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990		984			4145		2440	3778	10	1729	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990					5132			5038	8	2014	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990					6316			5038	8	2162	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990					7401			5038	8	2297	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990					7994			5038	8	2371	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,988
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440		984			1954		4183	2519	10	1828	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690					1954			5038	8	3641	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	

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6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																		#DIV/0!	DELETE BE
6-J Pole Stubbing: ET (Extended) Truss	Power																0		
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			
12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
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	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	351	554		882	632		645	630	12	533	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			

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Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	

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21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
23-B2 Vertical to Flat 7.5-115kv double arm per pole NOTE: Cost of rebonding is included in above prices.	Power	2255											2882			2582	2	2732	
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement (cost to be estimated and agreed to by field engineers)</i>																			
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	
Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	

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94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	461	554		707	664		336	787	12	517	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	469	554		915	522		462	630	12	521	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	160	15			205		343	315	11	340	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	511	554		2048	1741		1888	1889	12	1124	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	511	554			952		440	724	11	731	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	511	554	1121	1060	641		440	756	13	765	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	538	554			559		732	630	11	716	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	500	554					614	661	10	402	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	128	554		1088			290	744	11	382	
111 - G Anchors-Existing anchor purchase (Rear property) - SHOULD NOT HAVE PRICES	Both	616	672	672	672	672	672	672		554		1433			290	868	10	718	
111 - H Anchors-Existing Anchor Purchase (street/alley) - SHOULD NOT HAVE PRICES	Both	339	356	356	356	356	356	356		554		742			290	422	10	414	

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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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace &fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450		554			1367		697		9	591	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990		554			2038		697		9	1025	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540		554					1394	1259	9	716	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540		554		586			1394		9	642	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540		554			1096		1394		9	698	
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	

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16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																			
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	

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122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	KEEP PRICE
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	KEEP PRICE
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	KEEP PRICE
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	KEEP PRICE

Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments	
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.																		0	#DIV/0!	KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	262											248			342	2	295		
Plus conductor ea.	Power	190											197			315	2	256		
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208		
Plus triplex conductor ea.	Power	192											197			315	2	256		
125 - Ground assembly, complete	Power	491											690			565	2	628		
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.																				
126-A Support: single insulator, fiberglass	Power	228											276				1	276		
126-B Support: Double insulator, fiberglass	Power	309											379				1	379		
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	NOTE: "INT"	
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287		
127 Support, single dead end fiberglass	Power	237											286				1	286		
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562		
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124		
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157		
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	Use 2017 pri	
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	Use 2017 pri	
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	Use 2017 pri	
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604		
132-A mounting bracket: two transformers	Power	400											579			588	2	584		
132-B mounting bracket: three transformers	Power	563											823			1136	2	980		
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	179	180	180	180	180	180	180	126	185		262					9	184		
160. Crossarms: (For installation or attachment to existing with service wire only):																				
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260		
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268		

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit (“P” tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm-NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	

Effective January 2019

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
199 -Installation of wireless equipment or communication equipment not listed: <i>Specify under this item number the nature thereof and the agreed cost under Section 1.2.</i>																			

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

October 16, 2019

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 2:32 p.m. at the Committee office. Those in attendance were:

Mr. John Bacon – City of Los Angeles – DWP
Mr. Ronald Schram – City of Los Angeles - DWP
Mr. Hector Aguilera – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Camile Bowie – Southern California Edison
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz - XO Communications
Mr. David Campo – City of Lompoc
Ms. Yesenia Delgado – Time Warner
Ms. Tundra Hill – Time Warner
Ms. Lynn Prescott – Verizon Wireless
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. Yvonne Johnson - AT&T Mobility
Ms. Shawn Henderson – T-Mobile
Ms. Cory Crawford – AT&T California
Mr. Glen Leckie - Frontier Communications
Mr. Rey Lopez – Time Warner
Mr. Pedro Garganera – MCI/Metro
Ms. April DeBarge – Southern California Edison
Mr. Bret Plaskey – Frontier Communications
Mr. Wayne Brown – Southern California Edison

Ms. Crawford called the meeting to order at 2:32 p.m.

Agenda Item 1 - Review of prior month's minutes: Ms. Crawford asked if there were any questions, or corrections regarding September minutes. There were no questions or corrections from the committee. September minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Crawford asked for an update on this item. Ms. Pranata informed the committee she received 2020 pole prices from City of Lompoc. Ms. Crawford inquired if other members had submitted their 2020 pole prices. Ms. Pranata responded that only one member submitted their 2020 pole prices so far. Mr. Plaskey informed Ms. Pranata that he received all pole prices for Frontier and their pricing has not changed from last year. He then asked her if she would like her to send her an email to confirm this. Ms. Pranata responded with a yes. Ms. Crawford informed Ms. Pranata she recalled already sending AT&T California's pole prices. She believes they were attached to the email that included the Authorized Cost revisions. She then informed Ms. Pranata she would send it again. Ms. Crawford moved on to the next agenda item.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2019-2020 prices) – Item has been placed on hold until Item 1661 – Power – Comm Separating of Authorized Costs (4/16/19), has been resolved. Ms. Crawford moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Crawford asked Ms. Pranata if she received all of the authorized costs back from members. Before Ms. Pranata could answer Mr. Plaskey asked for clarification on this item. He believed the purpose of this item was to review gaps in pricing between Power and Communication before the 2021-2022 Authorized Costs were due. Ms. Crawford informed him that was correct. She then asked Ms. Pranata if the spreadsheet currently displayed on the screen had everyone's revisions. Ms. Pranata explained the purpose of sending out the Authorized Costs spreadsheet with LADWP highlighted items was so members could review and submit revisions on these if needed. As of now Ms. Pranata has not heard from any other members. Ms. Hernandez asked Ms. Pranata if they were only supposed to review the highlighted items. Ms. Pranata confirmed that was correct. Ms. Hernandez then informed Ms. Pranata she had some revisions and would be submitting them shortly. Mr. Plaskey then informed Ms. Pranata he was still waiting on calculations from his construction team. There were several items where Frontier had a dollar amount of fourteen dollars for attachments. He informed Ms. Pranata he should have Frontier corrections to her by next month. Mr. Plaskey also commented that Mr. Williams is expected back next month as well and since he was the one leading this conversation we should be in good shape to move forward. Mr. Brown informed the committee Edison has a new team reviewing the highlighted items. It may take them a little longer as they reach out to some of their old peers for guidance on how to calculate these costs, but he's confident he will have Edison revisions ready by next month. Mr. Plaskey asked if the 2021-2022 Authorized Costs were due September of 2020. Ms. Pranata confirmed this was correct. Ms. Crawford then moved on to the next item.

Agenda Item 5 – Review of weighted average pole costs based on 2019 POWER and COMMUNICATIONS member prices (9/18/19) –

Ms. Pranata explained this item is for pole prices not authorized costs. Last month Ms. Hernandez suggested looking into separate weighted averages for Power and Communications. This was brought up in the Billing Process Simplification meeting that had taken place the day before. Ms. Pranata used the 2019 pole prices submitted by power companies and communication companies. She then calculated a weighted average for Wood (Power) and H Class (Power) as well as a weighted average for Wood (Communications). She then presented her findings to the members in a summary so they would be able to compare these prices to the 2019 Published Weighted Average wood prices. Ms. Pranata also provided details of her findings in several attached documents. She reviewed and explained these documents to the committee. Mr. Plaskey informed the committee a vote would have to take place in the Admin Board Meeting. He then asked Ms. Pranata if she sent this information to the committee via email. She informed him that she did in fact send this out to all Authorized Costs Committee members. Ms. Pranata then informed Mr. Plaskey this is not something that is ready to be voted on. The reason for this item was for research purposes. Ms. Hernandez then asked for some clarification on the spreadsheet. The committee then reviewed the summary together in detail along with Ms. Pranata's detailed documentation. Mr. Bacon asked why H class poles were separated. Ms. Hernandez explained that Mr. Mathisen suggested separating H class poles from regular wood poles because the cost for H class poles is much higher and the North (NCJPA) is using this method. The idea was to have a weighted average cost for all Power companies and a weighted average cost for all Communications companies to help with the simplification of billing. It would be much more time efficient for the staff to be able to look at two charts versus everybody's individual cost. Mr. Mathisen had the idea of creating an Authorized Cost for H class poles as an adder. Mr. Bacon commented some of the H class poles are coming out cheaper. Ms. Pranata commented that the committee can ask City of Vernon why their prices are so low. Mr. Plaskey then pointed out the direct labor cost of City of Vernon is substantially lower than the labor cost of LADWP. Mr. Plaskey explained the reason for the cost difference in labor cost. Mr. Bacon stated on the power side they have to hire journey level workers as opposed to communications that do not. Mr. Plaskey explained he has no problem with this and understands the reasoning behind it very well. Ms. Prescott suggested throwing out the lowest cost. She added it has been done in the past. Ms. Hernandez asked how often LADWP and Edison are placing H class poles. Mr. Bacon explained that with wind loading LADWP is placing a lot more H class poles and Edison is placing them so much it almost standard. Mr. Plaskey pointed out in example that if the committee decided to go with a weighted average for power on a forty foot pole that Edison was placing, the committee would save eleven dollars on each pole set. Mr. Brown informed the committee this would not be approved by Edison. Mr. Plaskey pointed out that with voting shares as they are this would not pass without Edison approval. Ms. Hernandez asked if the weighted

average for power companies would increase if H class poles were included. Ms. Pranata explained the pole set that she used did not break down by pole class only pole height. Ms. Pranata explained she could include H class poles, but she does not believe it will make any difference in cost. Ms. Pranata asked the committee if they would be revisiting this item again next month. Mr. Plaskey feels this a nonissue if Edison stands to lose any money. Ms. Hernandez asked what the average would be if they did not include costs from the City of Vernon. Ms. Pranata recalculated the average for the forty foot pole excluding pricing for the City of Vernon. The new average cost shows Edison losing two dollars as opposed to eleven dollars. Mr. Bacon explained to the committee that two dollars may not seem like much, but when you consider the fact that Edison replaced approximately 113,000 poles last year the math speaks for itself. Mr. Plaskey thanked Ms. Pranata for all her hard work in preparing this information for committee review. The committee then decided to close this item.

Agenda Item 6 – Item 1666: pole Stubbing vs Replacement (9/18/19) –

Ms. Pranata informed the committee this is an Edison item. Mr. Brown explained he touched on this item last month. There are some poles that do not necessarily need to be replaced instead Edison can stub the poles. Edison would like to invoice these poles instead of using the current JPA final process. Mr. Bacon asked how invoicing would benefit Edison. Mr. Brown explained Edison would save some money if they invoiced these. Mr. Bacon asked if Edison would have to invoice all owners on the pole. Mr. Brown replied yes. Mr. Plaskey explained to the committee how Edison and Frontier currently handle intrusive inspections and pole tagging is outside of the Joint Pole Committee. This saves the committee staff from having to process all these separate JPA's. Mr. Brown explained there is one JPA with all the inspections attached. Mr. Plaskey clarified Frontier does not go through the Joint Pole Committee at all. Mr. Brown corrected himself and agreed that Frontier is the only company that Edison directly invoices for intrusive inspections and pole tagging. Ms. Pranata explained that all other members are billed on a JPA final. Mr. Plaskey feels if Edison is able to directly invoice members for items it would be a great billing simplification tool. Of course this only applies to JPAs that are only billing for one specific item. This is just an idea he feels may help. Mr. Plaskey then informed Mr. Brown that Frontier has absolutely no problem with Edison stubbing a pole instead of replacing the pole since it is obviously the less expensive route. Frontier will also support being directly billed for pole stubbing. Mr. Bacon asked Mr. Brown what his average on invoicing was for pole stubbing compared to the SCJPC prices. Mr. Brown asked Ms. Pranata if he sent her an email with this information. Ms. Pranata informed Mr. Brown she did not recall receiving such an email. Mr. Plaskey then informed Mr. Brown he would also need to see the projected volume in order to get approval from his people. He's 99.9% sure it will be an automatic approval but he will have to submit the necessary data. Mr. Brown recalls the number being really low for the last couple of years. Mr. Plaskey then asked Mr. Brown if Edison

was planning to increase the amount of poles being stubbed. Mr. Brown explained that Edison did not have a number or estimate in regards to how many more poles would be stubbed. Mr. Brown explained Edison does not have an estimated number but they will be stubbing poles whenever possible. Mr. Plaskey explained he would be meeting with his construction leadership the next day and would follow up with Mr. Brown as soon as he had an answer from them on invoicing outside of the joint pole committee. Ms. Prescott asked if the invoicing option only applied to joint billing and not multi party billing. Mr. Brown explained it applies to all billing, but each party would be invoiced individually for their share of the cost. Mr. Bacon informed the committee LADWP would have to look much further into this matter. He explained it would be difficult to have a check cut for anything outside of the current billing process set up through SCJPC. He will take this item to his people and report back next month. Mr. Brown informed Mr. Bacon Edison currently invoices LADWP for intrusive inspections in this manner so hopefully it will not be an issue. Mr. Bacon then asked Mr. Brown for a breakdown in his pricing. Mr. Brown explained Edison would be using the assigned Authorized Cost listed under item 6 Pole Stubbing. Mr. Plaskey explained this is the same way the intrusive inspections are billed. It's all billed according to the approved Authorized Costs. This option saves paperwork and saves the committee staff from processing the JPA. Ms. Hernandez explained the stubbing would have to go through the committee at some point in order for the stubbing to be recorded on the pole card. Mr. Bacon then asked Mr. Brown how the invoicing process would save Edison money. Mr. Brown was not sure of the answer, but he explained his billing department asked him to request this direct route because it would help them. He offered to follow up with his billing department and report back next month. Mr. Plaskey informed the committee Frontier is not saving any money by invoicing the intrusive inspections. Mr. Bacon agrees with Ms. Hernandez on the fact that the pole record should be updated for future reference. Mr. Bacon then agreed to speak with his people about the option of direct invoicing, if it will save them money then he doesn't see there being a problem. Ms. Crawford asked Mr. Brown if there is any possibility of Edison accidentally invoicing and also billing through the JPA process. Mr. Brown explained there are practices in place to prevent this. There was a similar issue with the intrusive inspections that forced them to put measures in place to prevent this from happening. Mr. Brown offered to have the billing manager for Edison call in at next month's meeting to better explain the process. The members agreed this would be a good idea. Ms. Crawford moved on to Misc items.

Agenda Item 7 - Miscellaneous/ New Item numbers – Ms. Crawford asked the committee if there were any miscellaneous items to discuss. There were no items at this time.

Agenda Item 6 - Review of Action Items:

- Members to submit 2020 Pole Prices.
- Communication members to review/compare prices for highlighted items on Authorized Costs Spreadsheet and report back next month.

The ad hoc meeting adjourned at 3:17 p.m.

The next meeting is scheduled for November 20, 2019.

Jenny Silva – Committee Staff

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990		984			4145		2440	3778	10	1729	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990					5132			5038	8	2014	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990					6316			5038	8	2162	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990					7401			5038	8	2297	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990					7994			5038	8	2371	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,988
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440		984			1954		4183	2519	10	1828	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690					1954			5038	8	3641	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																			
6-J Pole Stubbing: ET (Extended) Truss	Power																0	#DIV/0!	DELETE BE
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			

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12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
TRANSFER COSTS GUY WIRES -----																			
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																			

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20- A All types and sizes, each end	Both	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	351	554		882	632		645	630	12	533	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	

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Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
NOTE: Add Item 24 for bonding cost.																			

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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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	

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Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	

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37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	

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85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86-Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88-Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	461	554		707	664		336	787	12	517	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	469	554		915	522		462	630	12	521	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	160	15			205		343	315	11	340	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	511	554		2048	1741		1888	1889	12	1124	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	511	554			952		440	724	11	731	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	511	554	1121	1060	641		440	756	13	765	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	538	554			559		732	630	11	716	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	500	554					614	661	10	402	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	128	554		1088			290	744	11	382	
111 - G Anchors-Existing anchor purchase (Rear property) - SHOULD NOT HAVE PRICES	Both	616	672	672	672	672	672	672		554		1433			290	868	10	718	
111 - H Anchors-Existing Anchor Purchase (street/alley) - SHOULD NOT HAVE PRICES	Both	339	356	356	356	356	356	356		554		742			290	422	10	414	
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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace &fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450		554			1367		697		9	591	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990		554			2038		697		9	1025	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540		554					1394	1259	9	716	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540		554		586			1394		9	642	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540		554			1096		1394		9	698	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms- WOODEN , standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
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.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Add \$74 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$246 for each additional insulator on item (h). Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	74															0	#DIV/0!	KEEP PRICE
	Power	165															0	#DIV/0!	KEEP PRICE
	Power	180															0	#DIV/0!	KEEP PRICE
	Power	246															0	#DIV/0!	KEEP PRICE
	Power	262															0	#DIV/0!	KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	224											248			342	2	295	
Plus conductor ea.	Power	190											197			315	2	256	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208	
Plus triplex conductor ea.	Power	192											197			315	2	256	
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	491											690			565	2	628	
126-A Support: single insulator, fiberglass	Power	228											276				1	276	
126-B Support: Double insulator, fiberglass	Power	309											379				1	379	
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	NOTE: "INTE
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287	
127 Support, single dead end fiberglass	Power	237											286				1	286	
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562	
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124	
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	Use 2017 pri
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	Use 2017 pri
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	Use 2017 pri
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604	
132-A mounting bracket: two transformers	Power	400											579			588	2	584	
132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power	563											823			1136	2	980	
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	179	180	180	180	180	180	180	126	185		262					9	184	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

CURRENT	PROPOSED NEW TITLE/DESCRIPTION 9/18/2019
110 - A Guy wire complete make-up: overhead, span, or arm guy	
110 - B Guy wire complete make-up: Anchor guy	
110 - C Guy wire complete make-up: Cutting-in insulator in exist guy	Guy wire. Make-up-Cutting-in insulator in exist guy.
110 - D Guy wire complete make-up: Attaching span guy to intersset pole	
110 - E Guy wire complete make-up: Guy guards	Guy wire. Make-up-Guy guards on exist guy.

Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting
SUMMARY OF 2019 POLE PRICES - COMPARING POWER AND COMM PRICES

COMPARE PRICES: Weighted average wood power pole costs based on 2019
POWER MEMBERS submitted prices vs **H class average power pole submitted**
prices.

HEIGHT	WEIGHTED AVERAGE WOOD POWER 2019	H CLASS AVERAGE PRICE POWER	H CLASS	Difference (H Class Minus Weighted Ave Power)	2019 PUBLISHED Weighted Average wood pole prices (no class)	WEIGHTED AVERAGE WOOD COMMUNICATIONS 2019 (no class)	HEIGHT
25	3668	N/A	N/A		2476	1837	25
30	3724	N/A	N/A		2412	1657	30
35	3944	N/A	N/A		2702	1833	35
40	4784	5626	H3	842	3293	2183	40
45	5175	5868	H3	693	3709	2302	45
45	5175	2986	H4	-2189	3709	2302	45
50	5242	3386	H2	-1856	4395	3797	50
50	5242	5613	H3	371	4395	3797	50
50	5242	3694	H5	-1548	4395	3797	50
55	5243	6534	H1	1291	5118	4133	55
55	5243	3430	H2	-1813	5118	4133	55
55	5243	5915	H3	672	5118	4133	55
60	5785	6674	H1	889	6161	5127	60
60	5785	4778	H2	-1007	6161	5127	60
60	5785	6945	H3	1160	6161	5127	60
60	5785	4432	H5	-1353	6161	5127	60
65	6877	7468	H1	591	9791	9791	65
65	6877	3985	H2	-2892	9791	9791	65
65	6877	6172	H4	-705	9791	9791	65
70	7138	7943	H1	805	7693	None	70
70	7138	4385	H2	-2753	7693	None	70
70	7138	8257	H3	1119	7693	None	70
70	7138	5364	H5	-1774	7693	None	70
75	7472	8341	H1	869	None	None	75
75	7472	4691	H2	-2781	None	None	75
80	7883	5494	H2	-2389	None	None	80
85	8089	5932	H2	-2157	None	None	85
90	9623	6514	H2	-3109	None	None	90
90	9623	6746	H3	-2877	None	None	90
95	9321	5814	H2	-3507	None	None	95
100	9804	9541	H1	-263	None	None	100
100	9804	9301	H3	-503	None	None	100
105	11982	N/A	N/A		None	None	105
110	10449	12834	H1	2385	None	None	110

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

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	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	5	251.74	4.00	8.20	3071.24	236.76	12.15	*	251.74	139.66	3712	-43.42	4	947	14846	E
MP	5	121.92	3.00	8.00	1341.12	290.21	64.64	186.94	191.88	1419.67	3494	173.67	1	290	3494	MP
	Salvage	247									TOTALS	7206		5	1237	18341
									Wgt Ave		3668				247	
		Weighted Ave			WEIGHTED AVE 2019	% CHG FROM										
		POWER 2019			PUBLISHED PRICE	Wgt Ave 2019										
		3668			2476	48.15%										

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
LLW	3	181.00	4.00	7.50	2081.50	275.01	19.25	312.30	*	*	2688	1036	1	275	2688	LLW
E	5	251.74	4.00	8.20	3071.24	291.31	14.94	*	251.74	141.90	3771	-47	25	7283	94278	E
MP	5	121.92	3.00	8.00	1341.12	348.18	90.65	186.94	191.88	1419.67	3578	145	1	348	3578	MP
	Salvage	293									TOTALS	10038		27	7906	100545
									Wgt Ave		3724				293	
		Weighted Ave			WEIGHTED AVE 2019	% CHG FROM										
		POWER 2019			PUBLISHED PRICE	Wgt Ave 2019										
		3724			2412	54.39%										

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

[illegible]

2019 WOOD POWER Wgt Average

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

[illegible]

2019 WOOD POWER Wgt Average

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

[illegible]

2019 WOOD POWER Wgt Average

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.00	12.60	4178.90	2194.68	112.59	*	251.74	263.45	7001	-125	220	482830	1540299	E
M	2	181.40	4.00	19.85	4326.39	1233.30	234.33	381.17	232.13	*	6407	469	35	43166	224256	M
V	AVE	96.63	1.00	8.50	917.99	1700.00	170	610	230	115	3743	3134	3	5100	11229	V
B	2	130.00	2.00	30.19	4185.22	1995.55	**	362.81	108.92	N/A	6653	224	1	1996	6653	B
MP	2	121.92	3.00	12.00	1828.8	1345.60	393.83	186.94	191.88	1546.94	5494	1383	1	1346	5494	MP
	Salvage	2056								TOTALS	29298		260	534436	1787931	
									Wgt Ave		6877			2056		
		Weighted Ave			WEIGHTED AVE 2019	% CHG FROM										
		POWER 2019			PUBLISHED PRICE	Wgt Ave 2019										
		6877			9791	-29.77%										

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.00	12.60	4178.90	2461.92	126.30	*	251.74	274.44	7293	-155	255	627790	1859792	E
M	2	181.40	4.00	19.85	4326.39	1358.10	258.04	381.17	232.13	*	6556	583	60	81486	393350	M
V	AVE	96.63	1.00	9.00	966.3	1785.00	178.5	610	230	115	3885	3254	1	1785	3885	V
B	2	130.00	2.00	30.26	4193.28	1995.36	**	393.11	108.92	N/A	6691	448	1	1995	6691	B
MP	2	121.92	3.00	12.00	1828.8	1938.79	567.45	186.94	191.88	1610.57	6324	814	1	1939	6324	MP
	Salvage	2248								TOTALS	30749		318	714995	2270041	
									Wgt Ave		7138			2248		
		Weighted Ave			WEIGHTED AVE 2019	% CHG FROM										
		POWER 2019			PUBLISHED PRICE	Wgt Ave 2019										
		7138			7693	-7.21%										

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED
AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.00	12.60	4178.90	2688.13	137.90	*	251.74	283.74	7540	-68	288	774181	2171638	E
M	2	181.40	4.00	19.85	4326.39	1573.30	298.93	381.17	232.13	*	6812	660	23	36186	156674	M
V	1	96.63	1.25	9.00	990.46	1890.00	189	782	230	115	4196	3276	1	1890	4196	V
B	2	130.00	2.00	30.33	4202.64	2324.23	**	423.04	108.92	N/A	7059	414	1	2324	7059	B
MP	2	121.92	3.00	12.00	1828.8	2269.50	664.25	186.94	191.88	1610.57	6752	720	1	2270	6752	MP
	Salvage	2601								TOTALS	32360		314	816851	2346319	
		Weighted Ave							Wgt Ave		7472					
		POWER 2019														
		7472														

NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.25	12.60	4241.83	3012.73	154.55	*	251.74	299.54	7960	-78	224	674852	1783127	E
M	2	181.40	4.00	19.85	4326.39	1817.95	345.41	381.17	232.13	*	7103	780	12	21815	85237	M
V	1	96.63	1.25	9.00	990.46	2980.00	298	782	230	115	5395	2487	3	8940	16186	V
MP	2	121.92	3.00	14.00	2072.64	2478.49	718.4	186.94	191.88	1674.21	7323	560	1	2478	7323	MP
	Salvage	2950								TOTALS	27781		240	708085	1891873	
									Wgt Ave		7883					
		Weighted Ave														
		POWER 2019														
		7883														

NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
COMPARE PRICES: Weighted average pole costs based on 2019 POWER MEMBERS submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.25	12.60	4241.83	3368.79	172.82	*	251.74	314.18	8349	-261	108	363829	901731	E
M	2	181.40	4.00	19.85	4326.39	2020.45	383.89	381.17	232.13	*	7344	745	3	6061	22032	M
V	1	96.63	1.25	10.00	1,087.09	3020.00	302	782	230	115	5536	2552	10	30200	55361	V
MP	2	121.92	3.00	14.00	2072.64	2753.54	798.13	186.94	191.88	1674.21	7677	411	1	2754	7677	MP
	Salvage	3302								TOTALS	28907		122	402844	986801	
		Weighted Ave							Wgt Ave		8089					
		POWER 2019														
		8089			NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE											

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS	
E	1	251.74	4.25	15.50	4971.88	3977.87	204.06	*	251.74	367.76	9773	-150	43	171048	420252	E
M	2	181.40	4.00	19.85	4326.39	2428.65	461.44	381.17	232.13	*	7830	1793	1	2429	7830	M
V	AVE	96.63	1.25	10.00	1,087.09	3905.00	370.5	782	230	115	6490	3133	1	3905	6490	V
MP	2	121.92	3.00	14.00	2072.64	3071.43	890.27	186.94	191.88	1674.21	8087	1536	1	3071	8087	MP
	Salvage	3923								TOTALS	32180		46	180453	442659	
		Weighted Ave							Wgt Ave		9623					
		POWER 2019														
		9623			NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE											

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED
AVERAGE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **POWER MEMBERS** submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting

105' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS
E	1	251.74	4.25	15.50	4971.88	5999.73	307.79	*	251.74	450.87	11982	0	1	6000	11982
	Salvage	6000								TOTALS	11982		1	6000	11982
									Wgt Ave		11982				

	Weighted Ave	
	POWER 2019	
	11982	

NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	PRICE	vs. POWER \$	POLES	COSTS	COSTS
M	1	181.40	4.00	19.85	4326.39	4630.05	879.71	381.17	232.13	*	10449	0	1	4630	10449
	Salvage	4630								TOTALS	10449		1	4630	10449
									Wgt Ave		10449				

	Weighted Ave	
	POWER 2019	
	10449	

NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE

NOTES:

LLW Engineering & Planing and General & Admin included in column Direct Labor (Loaded)
E Equipment Expense included in column Direct Labor (Loaded)
M General & Admin included in column Direct Labor (Loaded)
B Supply Expense included in column Material Cost (FOB). General & Admin N/A.

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 COMMUNICATIONS MEMBERS submitted prices
 Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (LAC, H/T, FTR ADDED)

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		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790	2476	-639	1	486	1790
TCA		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790	2476	-639	1	486	1790
SPR		72.00	6.00	12.00	1296.00	572.00	(**)	468.00	78.00	194.40	2608	2476	-639	1	572	2608
FON		72.00	6.00	12.00	1296.00	572.00	(**)	468.00	78.00	194.40	2608	2476	-639	1	572	2608
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	2476	-639	1	1537	3583
LAC		85.00	5.00	6.00	935	485.81	194.32	*	N/A	174.64	1790	1790	47	1	486	1790
H/T		128.00	1.00	9.00	1280	247.00	79		151	75	1832	1832	5	3	741	5496
FTR		61.52	8.00	11.00	1168.88	151.00	21.00		75.86	28.00	1445	1445	392	8	1208	11558
	Salvage	358								TOTALS	17446			17	6087	31223
									Wgt Ave		1837				358	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		FROM 2019										
	2393	1837	-23	2476		-25.82%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64	*	N/A	174.64	1976	2412	-755	2	1238	3953
TCA		85.00	5.00	6.00	935.00	619.17	247.64	*	N/A	174.64	1976	2412	-755	2	1238	3953
SPR		72.00	6.00	12.00	1296.00	660.00	(**)	468.00	78.00	194.40	2696	2412	-755	1	660	2696
FON		72.00	6.00	12.00	1296.00	660.00	(**)	468.00	78.00	194.40	2696	2412	-755	1	660	2696
NXT	4	237.38	2.00	6.00	1899.04	1537.00			147.13		3583	2412	-755	1	1537	3583
LAC		85.00	5.00	6.00	935	619.17	247.637	*	N/A	174.64	1976	1976	-319	1	619	1976
H/T		128.00	1.00	9.00	1280	288.00	92		151	75	1886	1886	-229	81	23328	152766
FTR		61.52	8.00	11.00	1168.88	222.00	21.00		75.86	28.00	1516	1516	141	171	37962	259192
	Salvage	259								TOTALS	18307			260	67243	430816
									Wgt Ave		1657				259	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG FROM										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		Wgt Ave 2019										
	3207	1657	-48	2412		-31.30%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 COMMUNICATIONS MEMBERS submitted prices

Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (LAC, H/T, FTR ADDED)

35' POLE		LOADED	D. OF HOURS		LOADED				ENG	Gen		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166	2702	-869	1	754	2166
TCA		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166	2702	-869	1	754	2166
SPR		72.00	6.00	12.00	1296.00	680.00	(**)	468.00	78.00	194.40	2716	2702	-869	1	680	2716
FON		72.00	6.00	12.00	1296.00	680.00	(**)	468.00	78.00	194.40	2716	2702	-869	1	680	2716
NXT	4	237.38	2.00	6.00	1899.04	1701.00			147.13		3747	2702	-869	1	1701	3747
LAC		85.00	5.00	6.00	935	754.42	301.75	*	N/A	174.64	2166	2166	-332	1	754	2166
H/T		128.00	1.00	12.00	1664	352.00	112		151	75	2354	2354	-521	38	13376	89452
FTR		61.52	8.00	11.00	1168.88	252.00	21.00		75.86	28.00	1546	1546	288	85	21420	131388
	Salvage	311								TOTALS	19577			129	40120	236517
									Wgt Ave		1833				311	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG FROM										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		Wgt Ave 2019										
	2663	1833	-31	2702		-32.14%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	3293	-1110	1	981	2887
TCA		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	3293	-1110	1	981	2887
SPR		72.00	8.00	14.00	1584.00	935.00	(**)	572.00	78.00	237.60	3407	3293	-1110	1	935	3407
FON		72.00	8.00	14.00	1584.00	935.00	(**)	572.00	78.00	237.60	3407	3293	-1110	1	935	3407
NXT	4	237.38	2.00	6.00	1899.04	1833.00			147.13		3879	3293	-1110	1	1833	3879
LAC		85.00	5.00	10.00	1275	981.13	392.44	*	N/A	238.14	2887	2887	-704	2	1962	5773
H/T		128.00	1.00	12.00	1664	458.00	146		151	75	2494	2494	-311	22	10076	54868
FTR		61.52	8.00	11.00	1168.88	358.00	21.00		75.86	28.00	1652	1652	531	26	9308	42945
	Salvage	491								TOTALS	23498			55	27012	120052
									Wgt Ave		2183				491	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG FROM										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		Wgt Ave 2019										
	3382	2183	-35	3293		-33.71%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **COMMUNICATIONS MEMBERS** submitted prices
 Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (**LAC, H/T, FTR ADDED**)

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	3709	-1407	1	1247	3354
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	3709	-1407	1	1247	3354
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	3709	-1407	1	990	3897
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	3709	-1407	1	990	3897
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	3709	-1407	1	1995	4041
LAC		85.00	5.00	10.00	1275	1246.89	498.74	*	N/A	333.4	3354	3354	-1052	1	1247	3354
H/T		128.00	1.00	12.00	1664	535.00	170		151	75	2595	2595	-293	13	6955	33735
FTR		61.52	8.00	11.00	1168.88	441.00	21.00		75.86	28.00	1735	1735	567	21	9261	36430
	Salvage	598								TOTALS	26227			40	23932	92061
									Wgt Ave		2302				598	

2018	Weighted Ave	% CHG	WEIGHTED AVE 2019	% CHG FROM
PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE	Wgt Ave 2019
3632	2302	-37	3709	-37.95%

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		2019	COMPARE			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	4395	-598	1	1356	4017
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	4395	-598	1	1356	4017
SPR		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	4395	-598	1	1430	4772
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	4395	-598	1	1430	4772
LAC		85.00	5.00	16.00	1785	1356.40	542.57	*	N/A	333.4	4017	4017	-220	1	1356	4017
H/T		128.00	1.00	12.00	1664	708.00	225		151	75	2823	2823	974	1	708	2823
FTR		61.52	8.00	14.00	1353.44	682.00	21.00		75.86	28.00	2160	2160	1637	1	682	2160
	Salvage	1188								TOTALS	26579			7	8319	26579
									Wgt Ave		3797				1188	

2018	Weighted Ave	% CHG	WEIGHTED AVE 2019	% CHG FROM
PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE	Wgt Ave 2019
4720	3797	-20	4395	-13.61%

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED
 AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **COMMUNICATIONS MEMBERS** submitted prices
 Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (**LAC, H/T, FTR ADDED**)

55' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		2019	COMPARE			
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	5118	-985	1	1520	4362
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	448.20	4362	5118	-985	1	1520	4362
SPR		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	5118	-985	1	1880	5875
FON		72.00	10.00	26.00	2592.00	1880.00	(**)	936.00	78.00	388.80	5875	5118	-985	1	1880	5875
LAC		85.00	5.00	16.00	1785	1520.28	608.09	*	N/A	448.2	4362	4362	-229	1	1520	4362
H/T		128.00	1.00	15.00	2048	999.00	150		151	75	3423	3423	710	3	2997	10269
FTR		61.52	8.00	14.00	1353.44	612.00	21.00		75.86	28.00	2090	2090	2042	1	612	2090
	Salvage	1326								TOTALS	30348			9	11930	37194
									Wgt Ave		4133				1326	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG FROM										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		Wgt Ave 2019										
	4905	4133	-16	5118		-19.25%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

60' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		2019	COMPARE			
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		PUBLISHED	OWNER \$	NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	PRICE	vs. COMM \$	POLES	COSTS	COSTS
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	6161	-1034	1	1693	4893
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45	*	N/A	396.90	4893	6161	-1034	1	1693	4893
SPR		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	6161	-1034	1	2700	7430
FON		72.00	10.00	30.00	2880.00	2700.00	(**)	1340.00	78.00	432.00	7430	6161	-1034	1	2700	7430
LAC		85.00	5.00	20.00	2125	1693.34	677.45	*	N/A	396.9	4893	4893	234	1	1693	4893
H/T		128.00	1.00	15.00	2048	1097.00	349		151	75	3720	3720	1407	1	1097	3720
FTR		61.52	8.00	14.00	1353.44	1150.00	21.00		75.86	28.00	2628	2628	2498	1	1150	2628
	Salvage	1818								TOTALS	35886			7	12727	35886
									Wgt Ave		5127				1818	
	2018	Weighted Ave	% CHG	WEIGHTED AVE 2019		% CHG FROM										
	PRICE	COMM 2019	FROM 2018	PUBLISHED PRICE		Wgt Ave 2019										
	5965	5127	-14	6161		-16.79%										

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
 PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED AVERAGE

COMPARE PRICES: Weighted average pole costs based on 2019 COMMUNICATIONS MEMBERS submitted prices
Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (LAC, H/T, FTR ADDED)

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

WEIGHTED AVE 2019: ATC, TCA, SPR, FON, NXT
PUBLISHED OWN PRICES 2019: LAC, H/T, FTR

NO PUBLISHED PRICE FOR 2019/2018 WEIGHTED AVERAGE

NO PUBLISHED PRICE FOR 2019/2018 WEIGHTED AVERAGE

2019 WOOD COMM Wgt Average

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **COMMUNICATIONS MEMBERS** submitted prices
 Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (**LAC, H/T, FTR ADDED**)

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&				NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL			POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0		0	0	0
	2018	Weighted Ave	% CHG						Wgt Ave		#DIV/0!					
	PRICE	COMM 2019	FROM 2018													
	0	#DIV/0!	#DIV/0!	NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE												

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&				NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL			POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0		0	0	0
	2018	Weighted Ave	% CHG						Wgt Ave		#DIV/0!					
	PRICE	COMM 2019	FROM 2018													
	0	#DIV/0!	#DIV/0!	NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE												

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&				NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL			POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0		0	0	0
	2018	Weighted Ave	% CHG						Wgt Ave		#DIV/0!					
	PRICE	COMM 2019	FROM 2018													
	0	#DIV/0!	#DIV/0!	NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE												

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&				NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL			POLES	COSTS	COSTS
	Salvage	#DIV/0!									TOTALS	0		0	0	0
	2018	Weighted Ave	% CHG						Wgt Ave		#DIV/0!					
	PRICE	COMM 2019	FROM 2018													
	0	#DIV/0!	#DIV/0!	NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE												

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM WEIGHTED
 AVERAGE

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

COMPARE PRICES: Weighted average pole costs based on 2019 **COMMUNICATIONS MEMBERS** submitted prices
 Action item from Authorized Costs committee meeting of Sep 2019 for Oct 2019 meeting (**LAC, H/T, FTR ADDED**)

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

2018	Weighted Ave	% CHG
PRICE	COMM 2019	FROM 2018
0	#DIV/0!	#DIV/0!

NO PUBLISHED PRICE FOR 2019/2018 WEIGTHED AVERAGE

NOTES:

ATC Equipment expense included in column Direct Labor (loaded)
 TCA Equipment expense included in column Direct Labor (loaded)
 LAC 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)
 LAC, H/T, FTR - PUBLISHED INDIVIDUAL PRICES

2019 POWER POLE PRICES H CLASS vs POWER WEIGHTED AVERAGE vs COMM 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

November 20, 2019

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

Mr. John Bacon – City of Los Angeles – DWP
Mr. Jeff Williams – City of Los Angeles – DWP
Mr. Jaime Garcia – City of Los Angeles - DWP
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Hector Aguilar - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Wayne Brown – Southern California Edison
Ms. April DeBarge – Southern California Edison
Ms. Camile Bowie – Southern California Edison
Mr. Bret Plaskey – Frontier Communications
Ms. Lynn Prescott – Verizon Wireless
Ms. Mina Shehata – City of Burbank
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Yesenia Delgado – Time Warner
Ms. Maria Ortiz - XO Communications
Ms. Yvonne Johnson - AT&T Mobility
Ms. Alicia Smith – Sprint Comm/ Sprint-Nextel
Ms. Cory Crawford – AT&T California
Mr. Pedro Garganera – MCI/Metro
Mr. Dan Luty - Extenet
Ms. Kay Black – AT&T California

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

Agenda Item 1 - Review of prior month's minutes:

Ms. Crawford asked if there were any questions, or corrections regarding October minutes. There were no questions or corrections from the committee. October minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Crawford asked Ms. Pranata if the committee was targeting the end of the first quarter for the due date. Ms. Pranata informed the committee the due date was October 31st, 2019. As of now she has only received prices from five members. She then asked the committee if they would like to set a new due date. The committee agreed to change the due date to January 3rd, 2020. Ms. Crawford then moved on to the next item.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices) – Item has been placed on hold until Item 1661 – Power – Comm Separating of Authorized Costs (4/16/19), has been resolved. Ms. Crawford moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Crawford explained that this item was created by Power Companies in order to review the cost discrepancies between Power and Communication on a number of items. Mr. Williams highlighted all questionable items in the 2019-2020 Authorized Costs Matrix. He then forwarded his highlighted Authorized Costs Matrix to Ms. Pranata with instructions to forward the spreadsheet to all Authorized Costs members for review and input. Ms. Crawford asked Ms. Pranata if she had received a response from all members. Ms. Pranata informed her she has only received a response from AT&T California. Ms. Crawford explained the power companies wanted all members to review and provide feedback so they would be prepared when the time came for a discussion. It is very important to have this action item completed so the committee can move forward on this item. Ms. Crawford then suggested setting a due date on this action item. Mr. Williams suggested setting the date at the end of January so the committee can discuss it in the February 2020 meeting. He's hoping the committee will be back to two meeting days so they will have more time to discuss this item. Ms. Crawford agreed and set the due date for January 31st 2020. Ms. Crawford then moved to the next agenda item.

Agenda Item 5 – Item 1666: Pole Stubbing vs Replacement (9/18/19) – Ms. Crawford asked for clarification on which utility requested this item. Mr. Brown answered it was Edison. Mr. Brown informed the committee Edison has approximately three hundred pole stubbings backlogged and they would like to get these billed. They would like to bill these on an invoice as opposed to going through the JPA process in order to save time. He explained that Edison would still send out the preliminary and give everyone 45 days to review it, just like a regular JPA. They would then invoice these pole stubbings the same way they currently invoice pole inspections. If there are any questions at all they can be raised during the review period. Mr. Brown then informed the committee that Edison will be stubbing as oppose the replacing them whenever possible. Mr. Williams added that this is the way it was done in the past. Pole stubbing was typically done the same way maintenance is done as far as billing it on a spreadsheet and not each individual one. Ms. Allen explained that it is and was

in fact always billed individually. Ms. Pranata agreed with Ms. Allen. Mr. Brown then asked the committee if billing these on an invoice would be a problem for anyone. Ms. Crawford explained that AT&T California's only concern with the invoicing is that sometimes the spreadsheets come through as a PDF which makes it hard to work with. Their only request is that the invoice come in excel format with agreed upon pole information and all other details they normally get on invoicing. This would allow them to work through their verification and updating process. She then mentioned there have been issues in the past with duplicate charges and these are very difficult to catch if it is not in excel format. Mr. Brown explained that his team would be double checking for duplicates as well. This was an issue they came across when they began invoicing intrusive inspections in this same manner. There are now procedures in place to prevent this. Mr. Brown then informed the committee that once Edison has caught up on these three hundred or so pole stubbing charges, all future pole stubbing charges will take place on the JPA. Mr. Bacon asked if the invoice price would be the same as the SCJPC price for stubbing. Mr. Brown answered yes. Ms. Black asked Mr. Brown if he had an estimate of how many poles would be billed to each utility. Mr. Brown explained that he did not have specific numbers per utility, he only knows there are approximately three hundred poles. He then offered to reach out to Ms. Nix for a more detailed report. Ms. Black explained that AT&T California would need Edison to either bill all pole stubbing via invoice or bill them on the JPA. They cannot do both. Mr. Brown once again explained the purpose of invoicing is to catch up on the three hundred pole stubbings that are backlogged. Once Edison is up to date they will be following the JPA process. Mr. Bacon informed Mr. Brown that LADWP is a government entity so it is always better for them if this goes through the JPA process. He warned Mr. Brown that with invoicing it can take up to four to five months to get a check cut. He then informed Mr. Brown that he would have to discuss this with his team and get back to him. Mr. Plaskey informed Mr. Brown that Frontier would like these charges to come through as a Form 2 and not the invoicing process. He also expressed Frontiers gratitude for the pole stubbing as opposed to replacement. Mr. Brown then concluded that the majority of members would like these charges to be billed through the Form 2 process. Ms. Crawford informed Mr. Brown that AT&T California would concur with the majority. Mr. Brown informed the committee that he would inform his team of this conclusion. Ms. Pranata then asked the committee if they would like to close Item 1666. Mr. Brown confirmed this item should be closed. Ms. Crawford then moved on to Misc items.

Agenda Item 6 - Miscellaneous/ New Item numbers – Ms. Crawford asked the committee if there were any miscellaneous items to discuss. Mr. Serrato asked Mr. Brown for a status on the wire mesh wrap situation. Mr. Brown then asked Mr. Bacon to give an update since he just had a phone conversation with Edison about this issue. Mr. Bacon explained LADWP is looking into this. There is another option they're looking into that is a heavy paint that goes over the pole, but they don't have all the details. Mr. Williams and Mr. Bacon have

been discussing their issues with Edison in regards to the wire mesh option. There's a problem with using it in urban areas because in some cases it may stick out if it's not nailed down properly and has potential to hurt people either walking or riding by on a bike. Mr. Brown explained this would mostly be used in high fire areas. There will be some use in urban areas but it will be minimal. Ms. Crawford asked Mr. Brown if Edison was moving forward with this now. Mr. Brown confirmed they are not moving forward with this yet. Ms. Crawford explained that AT&T California had raised some issues and Edison had offered to arrange a meeting with AT&T California to go over all of their concerns before they moved forward with the mesh wrapping. Mr. Plaskey then asked Ms. Crawford about an email that was received from Mr. Mathisen with questions regarding this issue. Ms. Crawford explained that the email in question was answered by her. She explained to Mr. Mathisen that she was in contact with Mr. Brown at Edison and they would be meeting regarding this matter shortly. Mr. Plaskey then asked Mr. Brown if there was an intent to ground the wire mesh. Mr. Brown answered that grounding was not necessary since it would wrap around the bottom eight feet of the pole.

Agenda Item 7 - Review of Action Items:

- Ms. Pranata to send reminder to all members with new January 3rd 2020 Pole Prices due date.
- Ms. Pranata to send reminder to committee members the January 31st 2020 due date for their response to the highlighted Authorized Costs Spreadsheet.

The ad hoc meeting adjourned at 12:50 p.m.

The next meeting is scheduled for January 15, 2020.

Jenny Silva – Committee Staff

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14		
POLE MAINTENANCE AND MISCELLANEOUS -----																			
1-Trenching/Moving 30'-35' WITH supply	Power	2568											2368	1895	2788	3778	4	2708	
1-Trenching/Moving 40'-45' WITH supply	Power	3188											2961	3089	3137	3778	4	3241	
1-Trenching/Moving 50'- 55' WITH supply	Power	3515											3355	3328	3834	5038	4	3889	
1-Trenching/Moving 60'-65' WITH supply	Power	3841											4111	4165	4183	5038	4	4374	
1-Trenching/Moving 70'-75' WITH supply	Power	6298											5132	4536		10075	3	6581	
1-Trenching/Moving 80'-85' WITH supply	Power	6788											6316	5773		10075	3	7388	
1-Trenching/Moving 90'-95' WITH supply	Power	7237											7401	6710		10075	3	8062	
1-Trenching/Moving 100' WITH supply	Power	7482											7994	9209		10075	3	9093	
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	945	990	990	990	990	990	990	741	615							8	912	
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	964	990	990	990	990	990	990	741	738							8	927	
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1678	1800	1800	1800	1800	1800	1800	741	861							8	1550	
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	1056	630	630	630	630	630	630	741	615			2368		1394	3778	11	1152	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	630	630	630	630	630	630	741	738			2961		1743	3778	11	1249	Power = 2,511
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	990	990	990	990	990	990	741	861			3355		2091	3778	11	1524	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	990	990	990	990	990	990		984			4145		2440	3778	10	1729	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	990	990	990	990	990	990					5132			5038	8	2014	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	990	990	990	990	990	990					6316			5038	8	2162	
3- Lowering/Raising to Grade 90'-95'	Both	2060	990	990	990	990	990	990					7401			5038	8	2297	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	990	990	990	990	990	990					7994			5038	8	2371	Power = 6,511
4- Straightening in Earth 30'-35'	Both	954	630	630	630	630	630	630	741	615			1322		2091	2519	11	1006	
4- Straightening in Earth 40'-45'	Both	1020	630	630	630	630	630	630	741	738			1322		2440	2519	11	1049	Comm = 642
4- Straightening in Earth 50'-55'	Both	1112	630	630	630	630	630	630	741	861			1322		3137	2519	11	1124	Power = 1,980
4- Straightening in Earth 60'-65'	Both	1791	1440	1440	1440	1440	1440	1440		984			1954		4183	2519	10	1828	
4- Straightening in Earth 70'-75'	Both	1582	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 80'-85'	Both	1843	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 90'-95'	Both	1871	1440	1440	1440	1440	1440	1440					1954			5038	8	1954	
4- Straightening in Earth 100'	Both	3400	3690	3690	3690	3690	3690	3690					1954			5038	8	3641	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	914	810	810	810	810	810	810	497	638	1041	2228	1322		1394	1574	13	1043	
5-B Removing From Service:Transporting	Both	283	180	180	180	180	180	180	419	207	520	237	789		349	472	13	313	
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	622	810	810	810	810	810	810	189	269	520	1022	711		523	630	13	671	
5-D Removing From Service: Disposal	Both	598	810	810	810	810	810	810	252	207		653			1158	235	11	670	
5-E Removing from service: Lowering	Both	265							741	207		1022	395		349		5	543	
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	826	810	810	810	810	810	810	504				1322		1046		9	859	
6-A Pole Stubbing 8 Ft metal truss	Power	1306													1394		1	1394	
6-B Pole Stubbing 10-11 Ft metal truss	Power	1653									1952		1790		1394		3	1712	
6-C Pole Stubbing 11 Ft metal truss	Power	1473									1952		1790		1743	606	4	1523	

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6-D Pole Stubbing 12 Ft metal truss	Power	1364											1790		1743	763	3	1432	
6-E Pole Stubbing 13 Ft metal truss	Power	1672													2091	1385	2	1738	
6-F Pole Stubbing 14 Ft metal truss	Power	2175													2440	2064	2	2252	
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2337													2440	2388	2	2414	
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	790													1394	273	2	834	
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	922									2473		1119		697		3	1429	
Deleted because no prices submitted																			
6-J Pole Stubbing: ET (Extended) Truss	Power																0	#DIV/0!	DELETE BE
7 - Intentionally left blank																			
8-A Semi Cir. Pole Guards - Installation	Both	219							123	123			306				3	184	
8-B Semi Cir. Pole Guards - Transferring	Both	150							123	123			281				3	176	
9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)																			
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1535	1620	1620	1620	1620	1620	1620	1134	638	2082	2823	1579		2360	2519	13	1758	
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1585	1620	1620	1620	1620	1620	1620	1134	638	2082	1835	1579			2519	12	1625	
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1522	1620	1620	1620	1620	1620	1620	1134	638		1835	1579			2519	11	1584	
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor: (Permit and/or inspection fees, if any, are by special agreement) (See also JPR Section 19.6)																			
10-A Cement break and temporary repair	Both	1350	1890	1890	1890	1890	1890	1890	475	492	520	1369	1008		1784	725	13	1363	
10-B Asphalt break & repair	Both	1271	1890	1890	1890	1890	1890	1890	389	308	1187	2021	403		1271	860	13	1368	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	460	460	460	460	460	460	559	677	1311	2021	1154		1784	1127	13	876	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	990	990	990	990	990	990	847	677		3932	1869			1127	11	1308	
10-E ADA accessible ramp	Both	12328	14180	14180	14180	14180	14180	14180	1219	2461						1127	9	9987	
11-Joint Rights of Way-by special agreement																			
12-A-Reserved for future use																			
12-B Pole Inspect/Treat-Partial Dig	Power	119											221		316	51	3	196	
12-C Pole Inspect/Treat-Sound&Bore	Power	116											221		316	41	3	193	
12-D Pole Inspect/Treat-Full Treatment	Power	125											221		316	69	3	202	
12-E Pole Inspect/Treat-Reject	Power	120											221		316	54	3	197	
Note: May only billed once every 5 years																			

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12-F Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	143											221		356	55	3	211	
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	283	360	360	360	360	360	360							298	64	8	315	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	333	360	360	360	360	360	360	252	185		608	473		298	164	12	345	
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																			
13-D Traffic Control (By Special Agreement Section 1.2)																			
14-A JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	306	275	275	275	275	275	275	151	123		327	683		92	754	12	315	
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	164	150	150	150	150	150	150	126	123		218	505		46	220	12	178	
14-C JPA Administrative Fee (per pole cost) - Failure to Submit Pole Loading by Unauthorized Member (see Sec 4.1) - (new item added 11/20/2018)	Both	New	160	160	160	160	160	160		63		275	505				9	200	
15-A Pole Marking-Tagging	Both	48	45	45	45	45	45	45	205	31		55	44		134	31	12	64	
15-B Pole Marking-Visibility Strips	Both	48	45	45	45	45	45	45	63	15	107	55	50		141	31	13	56	
16-A Backhoe 2/hr mininum	Both	273	270	270	270	270	270	270	621	96			484		586	389	11	345	
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	180	180	180	180	180	180	180	310	48			121		333	194	11	190	
17 Title: Wood Pole Fiberglass wrap restoration:																			
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	5674													1325		1	1325	
18-B ModPole Material & Installation 14'	Power	6455													1438		1	1438	
18-C ModPole Material & Installation 18'	Power	6792													1663		1	1663	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	2079	1890	1890	1890	1890	1890	1890	1560	984	2082	4424	1836		1743	2204	13	2013	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2452	1890	1890	1890	1890	1890	1890	1560	1476	2602	4424	2428		2091	2519	13	2188	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3661	2790	2790	2790	2790	2790	2790	2016	1846			4431		3486	3149	11	2879	
TRANSFER COSTS GUY WIRES -----																			
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																			

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20- A All types and sizes, each end	Both	315	270	270	270	270	270	270	251	185		597	632		644		11	357	
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	471	450	450	450	450	450	450	351	554		882	632		645	630	12	533	
20-C Insulator relocation	Both	262	270	270	270	270	270	270	251	185		876	217		322	630	12	342	
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	433											730			315	2	523	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - B 0-7.5 kv double arm																			
Transfer Arm	Power	841											1401			630	2	1016	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - C 0-7.5 kv double arm with reinforcing bracket																			
Transfer Arm	Power	1355											2487			787	2	1637	
Transfer Conductor (splicing required)	Power	351											375			472	2	424	
Transfer Conductor (no splicing)	Power	237											257			315	2	286	
21 - D 0-7.5kv sidearm - single																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	391														472	1	472	
Transfer Conductor (no splicing)	Power	261														315	1	315	
21 - E 0-7.5kv sidearm - double																			
Transfer Arm	Power	1152											2013			787	2	1400	
Transfer Conductor (splicing required)	Power	400											493			472	2	483	
Transfer Conductor (no splicing)	Power	286											375			315	2	345	
21 - F 7.6-15kv single arm																			
Transfer Arm	Power	261														315	1	315	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - G 7.6-15kv double arm																			
Transfer Arm	Power	522														630	1	630	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - H 7.6-15kv sidearm - single																			
Transfer Arm	Power	522														630	1	630	

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Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - I 7.6-15kv sidearm - double																			
Transfer Arm	Power	913														1102	1	1102	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - J 16-34kv single arm																			
Transfer Arm	Power	669											1145			472	2	809	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - K 16-34kv double arm																			
Transfer Arm	Power	987											1599			787	2	1193	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - L 16-34kv double arm with reinforcing bracket																			
Transfer Arm	Power	1503											2688			945	2	1816	
Transfer Conductor (splicing required)	Power	661											809			787	2	798	
Transfer Conductor (no splicing)	Power	547											691			630	2	660	
21 - M 16-34kv sidearm - single																			
Transfer Arm	Power	652														787	1	787	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - N 16-34kv sidearm - double																			
Transfer Arm	Power	1355											2171			1102	2	1637	
Transfer Conductor (splicing required)	Power	710											928			787	2	857	
Transfer Conductor (no splicing)	Power	596											809			630	2	719	
21 - O 66-115kv single arm																			
Transfer Arm	Power	783														945	1	945	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - P 66-115kv double arm																			
Transfer Arm	Power	1044														1259	1	1259	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
21 - Q 66-115kv steel arm																			
Transfer Arm	Power	1090														1036	1	1036	
Transfer Conductor (splicing required)	Power	652														787	1	787	
Transfer Conductor (no splicing)	Power	522														630	1	630	
NOTE: Add Item 24 for bonding cost.																			

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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	237											414			157	2	286	
22-B 750-7,500 volt primary	Power	506											592			630	2	611	
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1208											1974			945	2	1459	
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1273											2132			945	2	1538	
22-E 7.6-115kv - 5 or 6 strain insulators	Power	783														945	1	945	
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	2170											2882			2361	2	2622	
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1890											2882			1700	2	2291	
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2255											2882			2582	2	2732	
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2170											2882			2361	2	2622	
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1890											2882			1700	2	2291	
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2255											2882			2582	2	2732	
NOTE: Cost of rebonding is included in above prices.																			
24 - A Bonding Per Pole: Single circuit-all voltages	Power	375											434			472	2	453	
24 - B Bonding Per Pole: Double circuit-all voltages	Power	620											868			630	2	749	
25 - Ground Wire, Incl. protective covering	Power	539											829			882	2	855	
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	310											276			472	2	374	
Plus Conductor ea.	Power	212											197			315	2	256	
27 - B Bracket, Triplex	Power	220											217			315	2	266	

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Plus Triplex conductor	Power	212											197			315	2	256	
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	139											257			315	2	286	
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	220											375			409	2	392	
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	171											257			315	2	286	
29- A Transformers 1-1/2 to 25 KVA each	Power	2995											4717			2519	2	3618	
29- B Transformers 30 to 167 KVA each	Power	3256											4717			3149	2	3933	
29- C Mounting Brackets, two transformers	Power	318											572			315	2	444	
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	4846											4145			7556	2	5851	
30-B Capacitors/capacitor bank non-switched	Power	3166											3868			3778	2	3823	
31-A Street Lights Ctr Susp type-span end	Power	261														2834	1	2834	
31-B Street Lights Ctr Susp type-Feed end	Power	548														3149	1	3149	
31-C Street Lights Gooseneck or brket type open wire	Power	261														2834	1	2834	
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	560											691			945	2	818	
31-E Street Lights Mast arm type	Power	651											691			945	2	818	
31-F Street Lights Pole top pin and insulator-single	Power	161											334			472	2	403	
31-G Street Lights Pole top pin and insulator-Double	Power	70														472	1	472	
32 Meter of Time Switch Control Box (Price by field agreement)																			
33-A Support single insulator fiberglass	Power	261											316				1	316	
33-B Support Double insulator fiberglass	Power	300											363				1	363	
33-C Support Triple insulator fiberglass	Power	No Price															0	#DIV/0!	NOTE: "INT"
33-D Support Pole Top insulator fiberglass	Power	276											334				1	334	
34 Support, single deadend fiberglass	Power	261											316				1	316	
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	392											632			315	2	473	
35-B Insulator mounting brkets-Double(vertical)	Power	718											1263			472	2	868	
35-C Insulator mounting brkets-Single, over 40KV	Power	783														945	1	945	
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	352														441	1	441	
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509														630	1	630	

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37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	6263														7556	1	7556	
38- Insulator assembly bracket for endarm mountings	Power	697											422			630	2	526	
NOTE: Refer to Item 21 for conductor cost																			
39 - Stand-off brackets for jointly used risers	Power	No Price															0	#DIV/0!	DELETE NO
40 - Transferring risers	Power	No Price															0	#DIV/0!	DELETE NO
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	235	270	270	270	270	270	270	123	123							8	233	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247	270	270	270	270	270	270	367	123		510					9	291	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	255	270	270	270	270	270	270	367	123		644					9	306	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54	45	45	45	45	45	45	367	31		60					9	81	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	42	45	45	45	45	45	45	367	15		43					9	77	
79-Multiple Distribution Service Wire on line pole	Communication	103	90	90	90	90	90	90	367	123							8	129	
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	86	68	68	68	68	68	68	367	123							8	112	
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	100	90	90	90	90	90	90	367	62							8	121	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	411	450	450	450	450	450	450	367	308		644					9	446	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	433	450	450	450	450	450	450	367	431		778					9	475	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	419	450	450	450	450	450	450	367	308		783					9	462	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	447	450	450	450	450	450	450	367	492		644					9	467	
NOTE: The above prices do not include cable terminals.																			
83-A Cable attached direct to pole (complete)	Communication	241	270	270	270	270	270	270	367	185		376					9	283	
83-B Cable attached (additional work required) (new item)	Communication	159	180	180	180	180	180	180	32	185		443					9	193	
84-A Messenger reinforcing units-Strap each	Communication	219	270	270	270	270	270	270	32	62							8	214	
84-B Messenger reinforcing units-Link each	Communication	219	270	270	270	270	270	270	32	62							8	214	
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	260	270	270	270	270	270	270	367	308		577					9	319	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	282	270	270	270	270	270	270	367	431		711					9	348	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	272	270	270	270	270	270	270	367	308		711					9	334	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	292	270	270	270	270	270	270	367	492		376					9	317	
86- Messenger dead end, all sizes-with or without cable	Communication	249	270	270	270	270	270	270	367	185		595					9	307	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	236	270	270	270	270	270	270	126	123		307					9	242	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	376	360	360	360	360	360	360	252	554							8	371	
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	335	360	360	360	360	360	360	378	123							8	333	
88- Multiple Distribution Wire terminal Transfer	Communication	238	251	251	251	251	251	251	132	123							8	220	
89. Cable terminal replacement (cost to place new terminal and remove old terminal, including splicing due to replacement of pole at location to which existing terminal cannot be transferred):																			
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	394							222	123							2	172	
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	298							222	123							2	172	
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	351							222	185							2	203	
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																			
89-D Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	399							441	123							2	282	
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	289	321	321	321	321	321	321	218	123							8	283	
91-B Cable Splicing/per splice/per pair=25 pr	Communication	296	325	325	325	325	325	325	218	123							8	286	
91-C Cable Splicing/per splice/per pair=50 pr	Communication	365	375	375	375	375	375	375	218	246							8	339	
91-D Cable Splicing/per splice/per pair=100 pr	Communication	547	561	561	561	561	561	561	218	369							8	494	
91-E Cable Splicing/per splice/per pair=200 pr	Communication	840	823	823	823	823	823	823	436	677							8	756	
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1149	1118	1118	1118	1118	1118	1118	654	1046							8	1051	
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1354	1278	1278	1278	1278	1278	1278	872	1230							8	1221	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1900	1809	1809	1809	1809	1809	1809	1308	1907							8	1759	
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2195	2093	2093	2093	2093	2093	2093	1526	2215							8	2037	
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2509	2401	2401	2401	2401	2401	2401	1744	2522							8	2334	
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2788	2719	2719	2719	2719	2719	2719	1962	2522							8	2600	
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3676	3585	3585	3585	3585	3585	3585	2616	3753							8	3485	
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																			
92 - Cable risers, including pipe and molding each	Communication	315	318	318	318	318	318	318	487	185		540					9	347	
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	1643	1851	1851	1851	1851	1851	1851	620	246							8	1497	
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2560	3000	3000	3000	3000	3000	3000	1240	492							8	2467	
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3219	3832	3832	3832	3832	3832	3832	1550	615							8	3145	
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3694	4417	4417	4417	4417	4417	4417	1860	738							8	3638	
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4782	5794	5794	5794	5794	5794	5794	2480	923							8	4771	
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6607	8035	8035	8035	8035	8035	8035	3720	1415							8	6668	
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12527	15116	15116	15116	15116	15116	15116	4788	3568							8	12382	
94-A-8 Any size above and beyond by special agreement Section 1.2																			
97-Transfer meter curcuit breaker box/disconnect box	Communication	765	810	810	810	810	810	810	189	1051		876					9	775	
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	464	450	450	450	450	450	450	461	554		707	664		336	787	12	517	
110 - B Guy wire complete Make-up-Anchor guy	Both	428	450	450	450	450	450	450	469	554		915	522		462	630	12	521	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	346	450	450	450	450	450	450	160	15			205		343	315	11	340	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	362	450	450	450	450	450	450	457	15		222	664		336	724	12	427	
110 - E Guy wire comp. Make-up-Guy guards	Both	313	450	450	450	450	450	450	315	15		309	120		348	94	12	325	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																			
111 - A Anchors-expanding plate(Hand Dig)	Both	979	810	810	810	810	810	810	511	554		2048	1741		1888	1889	12	1124	
111 - B Anchors-expanding plate(Truck access)	Both	701	810	810	810	810	810	810	511	554			952		440	724	11	731	
111 - C Anchors-PISA screw anchor	Both	736	810	810	810	810	810	810	511	554	1121	1060	641		440	756	13	765	
111 - D Anchors-Hydraulically driven (mantaray)	Both	672	810	810	810	810	810	810	538	554			559		732	630	11	716	
111 - E Anchors-Concreting an anchor	Both	368	281	281	281	281	281	281	500	554					614	661	10	402	
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	245	233	233	233	233	233	233	128	554		1088			290	744	11	382	
111 - G Anchors-Existing anchor purchase (Rear property) - SHOULD NOT HAVE PRICES	Both	616	672	672	672	672	672	672		554		1433			290	868	10	718	
111 - H Anchors-Existing Anchor Purchase (street/alley) - SHOULD NOT HAVE PRICES	Both	339	356	356	356	356	356	356		554		742			290	422	10	414	
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	353	270	270	270	270	270	270	251	554						426	9	317	
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	339	270	270	270	270	270	270	251	554		598	432		305	503	12	355	
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	356	270	270	270	270	270	270	251	554						581	9	334	
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	292	270	270	270	270	270	270	150	554		418				496	10	324	
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																			
115 - A Heel/toe bracing pole-with treated wood blocks, new pole	Both	490	450	450	450	450	450	450	378	554		586			697	724	11	513	
115 - B Heel/toe bracing pole-with treated wood blocks, existing pole	Both	752	810	810	810	810	810	810	504	554					697	1102	10	772	
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	565	450	450	450	450	450	450		554			1367		697		9	591	
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	957	990	990	990	990	990	990		554			2038		697		9	1025	
116 - A Breast blocking only, new or existing pole-w/treated wood block	Both	600	540	540	540	540	540	540		554					1394	1259	9	716	
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	643	540	540	540	540	540	540		554		586			1394		9	642	
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	675	540	540	540	540	540	540		554			1096		1394		9	698	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
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 WOODEN arm	Power	324											447			383	2	415	
CF ARM	Power	505											601				1	601	
Plus conductor	Power	215											257			315	2	286	
120 - B 0-7.5KV Double WOODEN arm	Power	630											840			773	2	807	
CF ARM	Power	966											1150				1	1150	
Plus conductor	Power	215											257			315	2	286	
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1254											2031			1103	2	1567	
CF ARM	Power	1953											2341				1	2341	
Plus conductor	Power	215											257			315	2	286	
120 - D 0-7.5KV WOODEN Sidearm-single	Power	332														896	1	896	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	879											1314			896	2	1105	
CF ARM	Power	1279											1498				1	1498	
Plus conductor	Power	264											375			315	2	345	
120 - F 7.6-15KV Single WOODEN arm	Power	302														410	1	410	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - G -7.6-15KV Double WOODEN arm	Power	602														817	1	817	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - H -7.6-15KV WOODEN Sidearm-single	Power	333														444	1	444	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	670														894	1	894	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
Plus conductor	Power	217														315	1	315	
120 -J Crossarms- WOODEN , standard line-16-115KV Single arm	Power	525											1235			425	2	830	
CF ARM	Power	659											1389				1	1389	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
16-34KV	Power	264											257			315	2	286	
66-115KV	Power	315														315	1	315	
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	990											1628			850	2	1239	
CF ARM	Power	1617											1938				1	1938	
16-34KV	Power	422											257			315	2	286	
66-115KV	Power	631														315	1	315	
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	1518											2932			1148	2	2040	
CF ARM	Power	2441											2932				1	2932	
16-34KV	Power	539											257			315	2	286	
66-115KV	Power	865														315	1	315	
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	460														588	1	588	
CF ARM	Power	No Price															0	#DIV/0!	Leave blank
16-34KV	Power	460														315	1	315	
66-115KV	Power	460														315	1	315	
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1222											2286			934	2	1610	
CF ARM	Power	1930											2286				1	2286	
16-34KV	Power	508											375			315	2	345	
66-115KV	Power	706														315	1	315	
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																			
121. Pole top extensions, including arms (pins and insulators are extra):																			
121 -A Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	1763											1295			3229	2	2262	
Plus conductor each	Power	264											375			315	2	345	
121 -B Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	1668											3019				1	3019	
Plus conductor each	Power	264											375				1	375	
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.																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
122 -A Insulators including pins and hardware: 0-7.5kV pin type, each	Power	107											170			102	2	136	
122 -B Insulators including pins and hardware: 11 or 16kV pin type each	Power	104														138	1	138	
122 -C Insulators including pins and hardware: 34kV pin type each	Power	294											537			179	2	358	
122 -D Insulators including pins and hardware: 66kV pin type each	Power	266														341	1	341	
122 -E Insulators including pins and hardware: 11 and 16kV post type each	Power	131														169	1	169	
122 -F Insulators including pins and hardware: 34kV post type each	Power	308											572			181	2	376	
122 -G Insulators including pins and hardware: 66KV post type each	Power	390														480	1	480	
122 -H Insulators including pins and hardware: 34-115kV suspension (strain)	Power	181														246	1	246	
122 - I Silicone Insulators 0-7.5kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - J Silicone Insulators 11 or 16kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - K Silicone Insulators 34kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - L Silicone Insulators 66kV pin type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - M Silicone Insulators 11 and 16kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - N Silicone Insulators 34kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - O Silicone Insulators 66kV post type, each	Power	No Price															0	#DIV/0!	Delete due to
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power	No Price															0	#DIV/0!	Delete due to
123. Dead ends, on arm or direct to pole, per each strain dead end:																			
123 -A 0-750 volt secondary	Power	109											187			168	2	177	
123 -B 750-7,500 volt primary	Power	139											207			188	2	197	
123 -C 11 or 16KV-1 strain insulator	Power	81														188	1	188	
123 -D 11 or 16KV-2 strain insulators	Power	155														241	1	241	
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	373														454	1	454	
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	414											322			666	2	494	
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	455											322			719	2	521	
123 -H 66 to 115kv - 4/0 conductor or smaller – 4 insulators	Power	1072														1276	1	1276	
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1135														1347	1	1347	
123 -J 750-7500 volt primary silicone insulators	Power	201											227				1	227	
123 -K 34KV – silicone insulators	Power	324											322				1	322	
NOTE:																			

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
Add \$74 for each additional insulator on items (c) to (d). Add \$165 for each additional insulator on items (e) to (f). Add \$180 for each additional insulator on item (g). Add \$246 for each additional insulator on item (h). Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	74															0	#DIV/0!	KEEP PRICE
	Power	165															0	#DIV/0!	KEEP PRICE
	Power	180															0	#DIV/0!	KEEP PRICE
	Power	246															0	#DIV/0!	KEEP PRICE
	Power	262															0	#DIV/0!	KEEP PRICE
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	224											248			342	2	295	
Plus conductor ea.	Power	190											197			315	2	256	
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	162											187			229	2	208	
Plus triplex conductor ea.	Power	192											197			315	2	256	
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	491											690			565	2	628	
126-A Support: single insulator, fiberglass	Power	228											276				1	276	
126-B Support: Double insulator, fiberglass	Power	309											379				1	379	
126-C Support: Triple insulator, fiberglass	Power	178															0	#DIV/0!	NOTE: "INTE
126-D Support: Pole Top insulator, fiberglass	Power	238											287				1	287	
127 Support, single dead end fiberglass	Power	237											286				1	286	
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	468											562				1	562	
128-B Insulator mounting bracket-Double(vertical)	Power	937											1124				1	1124	
128-C Insulator mounting bracket-Single over 40KV	Power	841														1157	1	1157	
129-A Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	Use 2017 pri
129-B Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	Use 2017 pri
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	Use 2017 pri
131 Insulator assembly bracket for endarm mounting	Power	679											493			716	2	604	
132-A mounting bracket: two transformers	Power	400											579			588	2	584	
132-B mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power	563											823			1136	2	980	
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	179	180	180	180	180	180	180	126	185		262					9	184	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
160. Crossarms: (For installation or attachment to existing with service wire only):																			
160-A Crossarms-single wood service	Communication	254	270	270	270	270	270	270	302	123		295					9	260	
160-B Crossarms-Double wood service	Communication	277	270	270	270	270	270	270	302	123		362					9	268	
160-C Crossarms-Composite Fiberglass Arm	Communication	246	270	270	270	270	270	270	302	123							8	256	
160-D Crossarms-Attach to existing arm no charge	Communication																		
161. Guard arms: (For installation or attachment to existing with service wire only):																			
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	252	123		295					9	254	
161-B -Guard arms-Double wood service	Communication	344	360	360	360	360	360	360	378	123		362					9	336	
161-C -Guard arms-Composite Fiberglass	Communication	246	270	270	270	270	270	270		123							7	249	
163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:																			
163 - A Drive hook with one wedge grip unit	Communication	54	45	45	45	45	45	45	302	31							8	75	
163 - B Additional wedge grip units on same hook, each	Communication	46	45	45	45	45	45	45	302	31							8	75	
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	254	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200	302	92							8	199	
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	268	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	186	200	200	200	200	200	200		92							7	185	
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	269	270	270	270	270	270	270	302	92							8	252	
CF ARM	Communication	200	200	200	200	200	200	200		92							7	185	
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	245	270	270	270	270	270	270	302	92							8	252	
164 - E Cable arm(install or atch to existing)-Attach to existing cable arm- NO CHARGE																			
165 - Cable attached direct to interset pole, each	Communication	241	270	270	270	270	270	270	367	105							8	261	
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	74	68	68	68	68	68	68	367	105							8	110	
167 - A Messenger without cable - single arm	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - B Messenger without cable - Double arm	Communication	314	270	270	270	270	270	270	367	554							8	318	
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	313	270	270	270	270	270	270	367	554							8	318	
167 - D Messenger without cable - Direct to pole	Communication	313	270	270	270	270	270	270	252	554							8	303	

Item Number	Power or Communication or Both	2017-2018 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	SCW	E	Total # of Submitted Price	2019-2020 PRICE (Formula)	Notes/ Comments
167 -E Messenger without cable - additional messenger	Communication	289	270	270	270	270	270	270	367	554							8	318	
168 - Multiple distribution service wire attached to pole or arms	Communication	101	90	90	90	90	90	90	367	123							8	129	
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	99	90	90	90	90	90	90	258	74							8	109	
NOTE: Billing is optional, depending on policy of utility.																			
170 - Bonding to secondary neutral ground, per pole	Communication	153	180	180	180	180	180	180	63	74							8	152	
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.																			

CURRENT	PROPOSED NEW TITLE/DESCRIPTION 9/18/2019
110 - A Guy wire complete make-up: overhead, span, or arm guy	
110 - B Guy wire complete make-up: Anchor guy	
110 - C Guy wire complete make-up: Cutting-in insulator in exist guy	Guy wire. Make-up-Cutting-in insulator in exist guy.
110 - D Guy wire complete make-up: Attaching span guy to interset pole	
110 - E Guy wire complete make-up: Guy guards	Guy wire. Make-up-Guy guards on exist guy.