

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, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:20 p.m. at the Committee office. **Those in attendance were:**

Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Jeff Williams	City of Los Angeles
Mr. John Bacon	City of Los Angeles - DWP
Mr. Jaime Garcia	City of Los Angeles - DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Hector Aguilera	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Mr. John Vu	City of Anaheim
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Mr. David Campo	City of Lompoc
Ms. Tondra Hill	Time Warner Cable
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Those attending via teleconference were:

Ms. Kay Black	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Aarize Dizon	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Richanna James	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Yvonne Johnson	AT&T Mobility

Ms. Black called the meeting to order at 1:20 p.m.

Agenda Item 1 - Review of prior month's minutes:

Ms. Black asked if there were any questions, or corrections regarding the

November minutes. There were no questions or corrections from the committee. November minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms. Black asked Ms. Pranata if she could pull the submitted pole prices up for committee review. Ms. Pranata did so and she also informed the committee she was contacted by Mr. Armstrong from the City of Pasadena. He was requesting an extension on the 2020 pole prices deadline. Mr. Armstrong did not give a desired date for this extension so Ms. Pranata asked the committee members for their input. Ms. Prescott inquired if he submits individual pole prices. Ms. Pranata replied yes. Ms. Prescott commented then it will not affect Weighted Average prices. Ms. Pranata replied no. Ms. Black then asked if there was a cutoff point the committee had to give City of Pasadena or would they be able to move forward without them. Ms. Pranata explained that the cutoff has to be before the Admin Board votes on it. Ms. Black noted that the committee would have to give him a drop dead date in order to vote on pole prices by March 2020. Ms. Pranata explained the deadline date is up to the Authorized Cost Committee to decide. Mr. Plaskey suggested setting the deadline for the end of the month. This would allow the committee to post it with ten days' notice. The committee would then discuss it in February's meeting and finally vote on it in March. Mr. Plaskey then asked the committee if they were fine with setting the cutoff at the end of January, otherwise the committee will default to the weighted average. Mr. Bacon agreed as well as Ms. Black, but she then asked the committee if this was fair to City of Pasadena. Ms. Hernandez stated she was under the understanding that if a company failed to provide new pole prices the committee would automatically use pricing from the previous year. Ms. Pranata explained this was not the case. She would need written approval from said company in order to use pricing from the previous year. Ms. Black then asked Ms. Pranata when she originally started this process and how much time has City of Pasadena has had to submit their pole prices. Ms. Pranata informed the committee the original due date for pole prices was October 31st 2019. Ms. Hernandez explained this was not very long considering they did not meet in December. Ms. Pranata suggested February 11th 2020 for the cutoff. This would still allow enough time to add it to the discussion board for the Administrative Board meeting. The committee agreed to set the cutoff date to February 11th 2020 for City of Pasadena. Ms. Pranata then explained the committee would have to review the prices in the authorized costs meeting before moving forward. Ms. Pranata then asked the committee if they had any questions regarding the pole price matrix included in the authorized costs packet for this month. Mr. Plaskey asked Ms. Pranata to pull up pricing so the committee could review it now. The committee first reviewed the weighted average with no issues. Ms. Pranata stated that only one member submitted pole prices for 70' and 75'. No prices were submitted for 80' poles and above. They then reviewed SCE prices followed by LADWP then Frontier with no issues. The committee then moved onto AT&T California prices, which were the same prices submitted in 2019, per their request. AT&T Mobility also requested use of their 2019 pole prices. The committee then reviewed City of Lompoc, City of Vernon,

City of Burbank, and Golden State Water with no issues. Ms. Black then moved onto the next agenda 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. Black moved on to item 4 of the Agenda.

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

– Mr. Plaskey explained that Frontier is still reviewing the highlighted spreadsheet submitted by LADWP. He's not sure when they will be finished as of now. Mr. Plaskey then asked committee members for their status on the highlighted spreadsheet. He then asked if the committee would like to have a more detailed discussion on this item next month. Mr. Brown explained that SCE is also reviewing the highlighted items. Mr. Plaskey suggested tabling the item for next month.

Agenda Item 5 - Miscellaneous/ New Item numbers – Ms. Black opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to inform the City of Pasadena they have until February 11th to submit their 2020 pole prices.
- Members to prepare for next month's discussion on **Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19)**.
- Ms. Pranata to add the 2020 Pole Prices to the discussion board for next month's Administrative Board Meeting.

The ad hoc meeting adjourned at 1:32 p.m.

The next meeting is scheduled for February 19, 2020.

Jenny Silva – Committee Staff

Southern California Joint Pole Committee
2020 Pole Prices List Submissions

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230
	Salvage	842								TOTALS	16610	6	5053	16610
									Wgt Ave		2768		842	
	2019	PROP.	%											
	PRICE	2020	CHG.											
	2476	2768	12											

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	4	2477	7906
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976
SPR		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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	5	7000	21150
	Salvage	996								TOTALS	17159	13	12953	40008
									Wgt Ave		3078		996	
	2019	PROP.	%											
	PRICE	2020	CHG.											
	2412	3078	28											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
EXT		0.00	0.00	0.00	0.00	1800.00		100.00	50.00	55.00	2005	1	1800	2005	EXT
	Salvage	1110								TOTALS	19747	7	7770	19747	
									Wgt Ave		2821		1110		

2019	PROP.	%
PRICE	2020	CHG.
2702	2821	4

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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
EXT		0.00	0.00	0.00	0.00	1800.00		100.00	50.00	55.00	2005	1	1800	2005	EXT
A	3	57.14	1.00	22.00	1314.22	676.00	**	262.844	57.34	1025.092	3335	10	6760	33355	A
	Salvage	919								TOTALS	26036	17	15625	56056	
									Wgt Ave		3297		919		

2019	PROP.	%
PRICE	2020	CHG.
3293	3297	0

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
EXT		0.00	0.00	0.00	0.00	2100.00					2100	1	2100	2100	EXT
A	3	57.14	1.00	24.00	1428.5	802.00	**	285.7	57.34	1114.23	3688	9	7218	33190	A
	Salvage	1052								TOTALS	24331	15	15787	53833	
									Wgt Ave		3589		1052		

2019	PROP.	%
PRICE	2020	CHG.
3709	3589	-3

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
EXT		0.00	0.00	0.00	0.00	2300.00		100.00	50.00	55.00	2505	1	2300	2505	EXT
A	3	57.14	1.00	26.00	1542.78	926.00	**	308.556	57.34	1203.368	4038	26	24076	104989	A
	Salvage	1031								TOTALS	24122	31	31949	125073	
									Wgt Ave		4035		1031		

2019	PROP.	%
PRICE	2020	CHG.
4395	4035	-8

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
EXT		0.00	0.00	0.00	0.00	2500.00		100.00	50.00	55.00	2705	1	2500	2705	EXT
A	3	57.14	1.00	28.00	1657.06	912.00	**	331.412	57.34	1292.507	4250	10	9120	42503	A
	Salvage	1228								TOTALS	27428	15	18421	65681	
									Wgt Ave		4379		1228		

2019	PROP.	%
PRICE	2020	CHG.
5118	4379	-14

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
A	2	57.14	1.00	30.00	1771.34	1334.00	**	354.268	57.34	1381.645	4899	5	6670	24493	A
	Salvage	1717								TOTALS	29544	9	15457	49138	
									Wgt Ave		5460		1717		

2019	PROP.	%
PRICE	2020	CHG.
6161	5460	-11

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2020 - Draft 1

[illegible]

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	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS		
	A	2	57.14	1.00	31.00	1828.48	1846.00	**	365.696	57.34	1426.214	5524	1	1846	5524	A
												0		0	0	0
	Salvage	1846									TOTALS	5524	1	1846	5524	
									Wgt Ave		5524			1846		
	2019	PROP.	%													
	PRICE	2020	CHG.													
	7693	5524	-28	*2019 PP used 2018 price \$7693												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
A	2	57.14	1.00	32.00	1885.62	2141.00	**	377.124	57.34	1470.784	5932	1	2141	5932
	Salvage	2141								TOTALS	5932	1	2141	5932
	2019	PROP.	%						Wgt Ave		5932			
	PRICE	2020	CHG.											
	0	5932	#DIV/0!	*NO PRICE IN 2019 OR 2018										

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!			
	2019	PROP.	%											
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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
	2019	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

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
	2019	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 1

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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

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)
 A Supply expense included in column Material Cost (FOB)

2020 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

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$259.39	4.00	8.20	\$3,164.60	\$237.12	\$18.14	*	\$259.39	\$319.36	\$3,998.62	7
30'	5	\$259.39	4.00	8.20	\$3,164.60	\$293.04	\$22.42	*	\$259.39	\$324.58	\$4,064.04	16
35'	3	\$259.39	4.00	8.20	\$3,164.60	\$503.73	\$38.54	*	\$259.39	\$344.27	\$4,310.54	1,480
40'	2	\$259.39	4.00	10.40	\$3,735.27	\$780.10	\$59.68	*	\$259.39	\$419.63	\$5,254.07	1,505
45'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,155.47	\$88.39	*	\$259.39	\$454.70	\$5,693.22	9,364
50'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,228.30	\$93.96	*	\$259.39	\$461.51	\$5,778.43	3,399
55'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,232.45	\$94.28	*	\$259.39	\$461.90	\$5,783.29	1,211
60'	1	\$259.39	4.00	10.40	\$3,735.27	\$1,834.31	\$140.32	*	\$259.39	\$518.13	\$6,487.42	569
65'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,341.68	\$179.14	*	\$259.39	\$615.08	\$7,701.23	1,076
70'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,685.60	\$205.45	*	\$259.39	\$647.21	\$8,103.59	1,135
75'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,865.67	\$219.22	*	\$259.39	\$664.04	\$8,314.26	741
80'	1	\$259.39	4.25	12.60	\$4,370.78	\$3,197.76	\$244.63	*	\$259.39	\$700.70	\$8,773.27	497
85'	1	\$259.39	4.25	12.60	\$4,370.78	\$3,625.70	\$277.37	*	\$259.39	\$740.69	\$9,273.94	236
90'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,222.79	\$323.04	*	\$259.39	\$861.77	\$10,790.02	47
95'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,191.69	\$320.66	*	\$259.39	\$858.87	\$10,753.64	18
100'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,865.44	\$372.21	*	\$259.39	\$921.82	\$11,541.89	6
110'	1	\$259.39	4.25	15.50	\$5,123.02	\$6,070.68	\$464.41	*	\$259.39	\$1,034.44	\$12,951.95	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. **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, 2018

SCJPC Member Utility submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet:

Call Back Telephone Number & Email:

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$259.39	4.00	8.20	\$3,164.60	\$915.95	\$70.07	*	\$259.39	\$382.79	\$4,792.81	0
35'	5	\$259.39	4.00	8.20	\$3,164.60	\$1,745.83	\$133.56	*	\$259.39	\$460.33	\$5,763.72	56
40'	5	\$259.39	4.00	10.40	\$3,735.27	\$2,011.05	\$153.85	*	\$259.39	\$534.65	\$6,694.21	49
45'	4	\$259.39	4.00	10.40	\$3,735.27	\$2,166.51	\$165.74	*	\$259.39	\$549.18	\$6,876.09	752
50'	3	\$259.39	4.00	10.40	\$3,735.27	\$2,648.77	\$202.63	*	\$259.39	\$594.24	\$7,440.30	39
55'	3	\$259.39	4.00	10.40	\$3,735.27	\$3,057.25	\$233.88	*	\$259.39	\$632.41	\$7,918.20	13
60'	2	\$259.39	4.00	10.40	\$3,735.27	\$6,008.42	\$459.64	*	\$259.39	\$908.16	\$11,370.88	1
65'	H1	\$259.39	4.00	12.60	\$4,305.93	\$5,512.14	\$421.68	*	\$259.39	\$911.33	\$11,410.48	0
70'	H3	\$259.39	4.00	12.60	\$4,305.93	\$5,516.90	\$422.04	*	\$259.39	\$911.77	\$11,416.04	0
75'	H3	\$259.39	4.00	12.60	\$4,305.93	N/A	N/A	*	\$259.39	N/A	N/A	0
80'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	N/A	N/A	0
85'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	N/A	N/A	0
90'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet:

Call Back Telephone Number & Email:

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 8.68%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$259.39	4.00	10.40	\$3,735.27	\$3,822.83	\$292.45	*	\$259.39	\$390.00	\$737.79	\$9,237.73
45'	0	\$259.39	4.00	10.40	\$3,735.27	\$4,125.25	\$315.58	*	\$259.39	\$390.00	\$766.05	\$9,591.54
50'	1	\$259.39	4.00	10.40	\$3,735.27	\$3,723.79	\$284.87	*	\$259.39	\$570.00	\$744.16	\$9,317.48
55'	1	\$259.39	5.00	10.40	\$3,994.66	\$3,905.32	\$298.76	*	\$259.39	\$570.00	\$783.64	\$9,811.78
60'	1	\$259.39	5.00	10.40	\$3,994.66	\$4,843.63	\$370.54	*	\$259.39	\$570.00	\$871.32	\$10,909.55
65'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,061.25	\$387.19	*	\$259.39	\$850.00	\$965.49	\$12,088.65
70'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,270.83	\$403.22	*	\$259.39	\$850.00	\$985.07	\$12,333.84
75'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,517.91	\$422.12	*	\$259.39	\$920.00	\$1,014.24	\$12,698.99
80'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,752.57	\$440.07	*	\$259.39	\$920.00	\$1,036.16	\$12,973.52
85'	1	\$259.39	5.00	12.60	\$4,565.33	\$6,054.04	\$463.13	*	\$259.39	\$1,030.00	\$1,073.88	\$13,445.77
90'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,291.30	\$481.28	*	\$259.39	\$1,260.00	\$1,181.31	\$14,790.85
95'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,602.41	\$505.08	*	\$259.39	\$1,260.00	\$1,210.38	\$15,154.83
100'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,881.36	\$526.42	*	\$259.39	\$1,260.00	\$1,236.44	\$15,481.18
110'	1	\$259.39	5.00	15.50	\$5,317.57	\$7,321.98	\$560.13	*	\$259.39	\$1,260.00	\$1,277.62	\$15,996.69

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 Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2019

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

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

1		2	3	4	5	6	7	8	9	10	11	12
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	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'	3	193.99	4	16.65	\$4,005.89	\$428.03	\$81.33	\$336.64	\$243.37	*	\$5,095	
40'	3	193.99	4	16.65	\$4,005.89	\$521.78	\$99.14	\$336.64	\$243.37	*	\$5,207	
40'	H3	193.99	4	16.65	\$4,005.89	\$1,188.69	\$225.85	\$336.64	\$243.37	*	\$6,000	
45'	2	193.99	4	16.65	\$4,005.89	\$709.29	\$134.77	\$336.64	\$243.37	*	\$5,430	
45'	H3	193.99	4	16.65	\$4,005.89	\$1,406.83	\$267.30	\$336.64	\$243.37	*	\$6,260	
50'	2	193.99	4	16.65	\$4,005.89	\$821.40	\$156.07	\$336.64	\$243.37	*	\$5,563	
50'	H3	193.99	4	16.65	\$4,005.89	\$1,624.97	\$308.74	\$336.64	\$243.37	*	\$6,520	
55'	2	193.99	4	16.65	\$4,005.89	\$964.41	\$183.24	\$336.64	\$243.37	*	\$5,734	
55'	H3	193.99	4	16.65	\$4,005.89	\$1,881.01	\$357.39	\$336.64	\$243.37	*	\$6,824	
60'	2	193.99	4	16.65	\$4,005.89	\$1,104.79	\$209.91	\$336.64	\$243.37	*	\$5,901	
60'	H3	193.99	4	16.65	\$4,005.89	\$2,378.43	\$451.90	\$336.64	\$243.37	*	\$7,416	
65'	2	193.99	4	19.85	\$4,626.66	\$1,323.71	\$251.50	\$388.80	\$243.37	*	\$6,834	
70'	2	193.99	4	19.85	\$4,626.66	\$1,457.65	\$276.95	\$388.80	\$243.37	*	\$6,993	
70'	H3	193.99	4	19.85	\$4,626.66	\$2,991.55	\$568.39	\$388.80	\$243.37	*	\$8,819	
75'	2	193.99	4	19.85	\$4,626.66	\$1,688.62	\$320.84	\$388.80	\$243.37	*	\$7,268	
80'	2	193.99	4	19.85	\$4,626.66	\$1,951.21	\$370.73	\$388.80	\$243.37	*	\$7,581	
85'	2	193.99	4	19.85	\$4,626.66	\$2,168.55	\$412.02	\$388.80	\$243.37	*	\$7,839	
90'	2	193.99	4	19.85	\$4,626.66	\$2,606.68	\$495.27	\$388.80	\$243.37	*	\$8,361	
95'	2	193.99	4	19.85	\$4,626.66	\$2,909.28	\$552.76	\$388.80	\$243.37	*	\$8,721	
100'	2	193.99	4	19.85	\$4,626.66	\$3,246.09	\$616.76	\$388.80	\$243.37	*	\$9,122	
110'	1	193.99	4	19.85	\$4,626.66	\$4,969.44	\$944.19	\$388.80	\$243.37	*	\$11,172	

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

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

Please submit to SCJPC by:
 December 31, 2019

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

Weighted Average

Individual Costs

XXXXXXXX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$2,778.13	\$527.84	\$336.64	\$243.37	*	\$7,892	
45'	109,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$2,909.89	\$552.88	\$336.64	\$243.37	*	\$8,049	
50'	123,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,019.71	\$573.74	\$336.64	\$243.37	*	\$8,179	
55'	136,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,129.51	\$594.61	\$336.64	\$243.37	*	\$8,310	
60'	150,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,283.24	\$623.82	\$336.64	\$243.37	*	\$8,493	
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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2019

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	\$193.99	4	16.65	\$4,005.89	\$2,949.64	\$560.43	\$336.64	\$243.37	*	\$8,096	
45'	97,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,196.18	\$607.27	\$336.64	\$243.37	*	\$8,389	
50'	101,300 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,258.56	\$619.13	\$336.64	\$243.37	*	\$8,464	
55'	136,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,288.76	\$624.86	\$336.64	\$243.37	*	\$8,500	
60'	150,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,455.02	\$656.45	\$336.64	\$243.37	*	\$8,697	
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.

1/13/2020

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

Please submit to SCJPC by:
December 31, 2019

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	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
32.5'	230000 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,341.64	\$444.91	\$388.80	\$243.37	*	\$8,045	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,379.64	\$452.13	\$388.80	\$243.37	*	\$8,091	
55'	189300 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,320.76	\$630.94	\$388.80	\$243.37	*	\$9,211	
60'	208000 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,647.14	\$692.96	\$388.80	\$243.37	*	\$9,599	
65'	226700 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,814.79	\$724.81	\$388.80	\$243.37	*	\$9,798	
70'	245000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,077.46	\$774.72	\$471.94	\$243.37	*	\$11,184	
70' Heavy	318600 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,530.14	\$860.73	\$471.94	\$243.37	*	\$11,722	
75'	264,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,647.50	\$883.03	\$471.94	\$243.37	*	\$11,862	
75' Heavy	343,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,253.31	\$998.13	\$471.94	\$243.37	*	\$12,583	
80'	282,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,684.38	\$890.03	\$471.94	\$243.37	*	\$11,906	
80' Heavy	367,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,600.92	\$1,064.17	\$471.94	\$243.37	*	\$12,996	
85'	301,600 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,928.05	\$936.33	\$471.94	\$243.37	*	\$12,196	
90'	320,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,341.60	\$1,014.90	\$471.94	\$243.37	*	\$12,688	
100'	357,800 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$6,460.46	\$1,227.49	\$471.94	\$243.37	*	\$14,019	
110'	395,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$7,714.54	\$1,465.76	\$471.94	\$243.37	*	\$15,512	

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

(****) 1/13/2020 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:
 December 31, 2019

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	\$4,344.33	\$825.42	\$417.93	\$232.13	*	\$10,563.42	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$4,555.05	\$865.46	\$425.92	\$232.13	*	\$10,912.87	
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

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

Please submit to SCJPC by:
 December 31, 2019

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	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	\$193.99	4	19.85	\$4,626.66	\$2,002.31	\$378.03	388.80	\$243.37	*	\$7,639	
50' Heavy	143,900 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,372.38	\$378.03	\$388.80	\$243.37	*	\$8,009	
55'	133,100 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,839.00	\$378.03	\$388.80	\$243.37	*	\$8,476	
55' Heavy	221,800 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,916.43	\$378.03	\$388.80	\$243.37	*	\$9,553	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$193.99	4	22.25	\$5,092.24	\$5,399.01	\$378.03	\$427.93	\$243.37	*	\$11,541	
75' Heavy	319,600 ft-lbs	\$193.99	4	22.25	\$5,092.24	\$5,688.13	\$378.03	\$427.93	\$243.37	*	\$11,830	
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

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

Please submit to SCJPC by:
 January 10, 2020

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'		75.98	8	11	1443.62	151	21		98.35	36.23	1750.2	
30'		75.98	8	11	1443.62	222	21		98.35	36.23	1821.2	
35'		75.98	8	11	1443.62	252	21		98.35	36.23	1851.2	
40'		75.98	8	11	1443.62	358	21		98.35	36.23	1957.2	
45'		75.98	8	11	1443.62	441	21		98.35	36.23	2040.2	
50'		75.98	8	14	1671.56	682	21		98.35	36.23	2509.14	
55'		75.98	8	14	1671.56	612	21		98.35	36.23	2439.14	
60'		75.98	8	14	1671.56	1150	21		98.35	36.23	2977.14	
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:
 October 31, 2018

SCJPC Member Utility submitting:

AT&T

Person completing worksheet:

Cory Crawford

Note for 2020: I have confirmed that AT&T has NOT changed its pole pricing, so currently listed pole prices stay the same. C.Crawford 10/23/2019

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:

AT&T Mobility

Person completing worksheet:

Y. Johnson

Call Back Telephone Number & Email:

2020 NOTE: Please use 2019 pole prices for 2020 for ATC, LAC, NXT, AND TCA. Per L.Hernandez 1/2/2020
 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

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

Please submit to SCJPC by:
October 31, 2019

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	312.30	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.30	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.42	380.18	*	*	3363.84	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	979.67	68.58	380.18	*	*	3962.43	
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 Wood Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

City of Vernon

Person completing worksheet:

Iman Torbati

Call Back Telephone Number & Email:

(323)583-8811 Ext. 167 / ltorbati@ci.vernon.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	***	***	0	0	0	
30'		0	0	0	0	0	***	***	0	0	0	
35'		131.92	0.5	14	1912.84	582	***	***	104.34	573.85	3173.03	
40'		131.92	0.5	14	1912.84	854	***	***	104.34	573.85	3445.03	
45'		131.92	0.5	14	1912.84	1534.5	***	***	104.34	573.85	4125.53	
50'		131.92	0.5	14	1912.84	1905.67	***	***	104.34	573.85	4496.70	
55'		131.92	0.5	16.5	2242.64	2346.75	***	***	104.34	672.79	5366.52	
60'		131.92	0.5	16.5	2242.64	2531.33	***	***	104.34	672.79	5551.10	
65'		131.92	0.5	16.5	2242.64	3177.33	***	***	104.34	672.79	6197.10	
70'		131.92	0.5	21	2836.28	3350.33	***	***	104.34	850.88	7141.83	
75'		131.92	0.5	21	2836.28	3360.67	***	***	104.34	850.88	7152.17	
80'		131.92	0.5	21	2836.28	3918.33	***	***	104.34	850.88	7709.83	
85'		131.92	0.5	21	2836.28	4376	***	***	104.34	850.88	8167.50	
90'		131.92	0.5	21	2836.28	4768.33	***	***	104.34	850.88	8559.83	
95'		131.92	0.5	21	2836.28	3864.33	***	***	104.34	850.88	7655.83	
100'		131.92	0.5	21	2836.28	7218	***	***	104.34	850.88	11009.50	
110'		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

We no longer purchase certain pole classes (CL3, CL2, etc) at various heights (Above 55FT) since they do not generally pass windloading with the framing in the city or the capacity difference between the classes is nominal compared to price (capacity of a H4 vs H5). I then took the average of the prices of each pole class for a given height of which we would use. This is better suited for the City of Vernon since we set more 50FT CL1s than 50FT H5s but the average is inbetween. I can separate the classes and heights like we have done in the past, but if you see most of the pole prices submitted in 2019 ignore the classes.

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

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

BURBANK

Person completing worksheet:

MINA SHEHATA

Call Back Telephone Number & Email:

818-238-3719 MSHEHATA@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	148.82	3	21.8	3690.77	851.34	85.13**	536.55	125.304	N/A	5203.97	
40'	2	148.82	3	21.8	3690.77	796.61	79.66**	536.55	125.304	N/A	5149.24	
45'	3	148.82	3	21.8	3690.77	929.19	92.91**	536.55	125.304	N/A	5281.82	
45'	2	148.82	3	21.8	3690.77	927.49	92.74**	536.55	125.304	N/A	5280.12	
50'	2	148.82	3	20.8	3541.95	1074.24	107.42**	518.3	125.304	N/A	5259.80	
55'	2	148.82	3	20.8	3541.95	1261.35	126.13**	518.3	125.304	N/A	5446.91	
55'	H1	148.82	3	20.8	3541.95	2265.41	226.54**	554.8	125.304	N/A	6487.47	
60'	2	148.82	3	21.7	3675.89	1598.26	159.82**	549.325	125.304	N/A	5948.78	
60'	H1	148.82	3	20.7	3527.07	2866.98	286.69**	549.325	125.304	N/A	7068.68	
65'	2	148.82	3	19.6	3363.37	1995.55	199.55**	543.85	125.304	N/A	6028.07	
65'	H1	148.82	3	20.6	3512.19	2829.79	282.97**	543.85	125.304	N/A	7011.13	
70'	2	148.82	3	21.6	3661.01	1995.36	199.53**	580.35	125.304	N/A	6362.02	
70'	H1	148.82	3	22.6	3809.83	3270.32	327.03**	580.35	125.304	N/A	7785.80	
75'	2	148.82	3	21.6	3661.01	2324.23	232.42**	580.35	125.304	N/A	6690.89	
75'	H1	148.82	3	22.6	3809.83	3630.59	363.05**	580.35	125.304	N/A	8146.07	

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 Wood Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2019

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

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	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'	3	135	1	4	675	586		519.408	218.586	473.789	2472.783	
40'	1	135	1	4	675	968		519.408	218.586	473.789	2854.783	
45'	1	135	1	5	810	1400		519.408	218.586	473.789	3421.783	
50'	1	135	1	8	1215	1267		519.408	218.586	473.789	3693.783	
50'	H2	135	1	8	1215	2279		519.408	218.586	473.789	4705.783	
55	1	135	1	8	1215	1135		519.408	218.586	473.789	3561.783	
55	H3	135	1	8	1215	2083		519.408	218.586	473.789	4509.783	
60'	H2	135	1	8	1215	2057		592.991	218.586	473.789	4557.366	
65'	H4	135	0	8	1080	2643		592.991	218.586	473.789	5008.366	
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

(*****) 1/13/2020 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		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																			

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	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	

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	

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 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	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.

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, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:59 a.m. at the Committee office. **Those in attendance were:**

Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. Jeff Williams	City of Los Angeles
Mr. John Bacon	City of Los Angeles - DWP
Mr. Jaime Garcia	City of Los Angeles - DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Hector Aguilera	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Mr. John Vu	City of Anaheim
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Mr. Aarize Dizon	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Tondra Hill	Time Warner Cable
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Those attending via teleconference were:

Ms. Kay Black	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Alex Parra	City of Riverside
Ms. Linda McLean	Extenet
Mr. Ben Coffey	City of Banning
Mr. Minh Luong	Mobilitie, LLC
Ms. Cory Crawford	AT&T California
Mr. Todd M. Dailey	AT&T California
Mr. Glenn Leckie	Frontier Communications
Mr. Pedro Garganera	MCI/Metro

Mr. Joe Serrato

Crown Castle NG West Inc./NewPath/CA-CLEC LLC

Mr. Brown called the meeting to order at 10:59 a.m.

Agenda Item 1 - Review of prior month's minutes:

Mr. Brown asked the committee if there were any questions, or corrections regarding the January minutes. There were no questions or corrections from the committee. January minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda) – Ms.

Pranata informed the committee the 2020 Pole Prices were approved in the Administrative Board Meeting earlier in the day. Mr. Williams reiterated that the 2020 pole prices have been approved. Mr. Brown asked Ms. Pranata if the City of Pasadena submitted their pole prices in time. Ms. Pranata informed him that they did and she was able to include them in time for the Administrative Board Meeting earlier today.

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. Mr. Brown 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 the committee that she received changes to the highlighted spreadsheet from TCA, ATC, NXT, LAC, SPR, and FON. These changes are highlighted in purple. There were also changes submitted by AT&T California and those are highlighted in blue. Mr. Plaskey informed the committee that Frontier's construction team is currently working on their changes. They have a few items that are vastly underpriced due to the estimated construction time being far too low. Mr. Plaskey gave the example of the time of .10 of an hour for anchor placement. Mr. Brown informed the committee Edison was currently working on a few items that had a significant gap when compared LADWP. Mr. Williams agreed this is something they should get together and figure out. He informed Mr. Brown that Edison calculates their equipment into their loaded labor rate and LADWP does not. LADWP's loaded labor rate is going to be lower but that's because they have a separate charge for equipment. Mr. Plaskey explained that Frontier calculates their cost from how much time it takes to the loaded labor rate. Mr. Williams explained that LADWP separated their cost because it's separated in the Authorized Costs Matrix. Mr. Plaskey had a concern on a few items that needed to be reviewed by TCA, ATC, NXT, LAC, SPR, and FON. The items in question were in regards to asphalt panels costing more than concrete panels as well as temp repair costing more than permanent repair. There was also an issue with item 10C – Cement saw cut brk&repair - based on 25 square feet, costing more than item 10D – Cement saw cut brk&repair - based on 50 square feet. Ms. Pranata explained that the companies in question did change the cost to items 10C and 10D as well as many others. She explained

that all of their changes were in purple which may be hard to see on the projected screen. Mr. Williams informed the committee that he would review these updates and report back next month with any questions or concerns. He then reiterated that his biggest concern was in regards to the items that had huge discrepancies between communication and power companies. His question has always been whether communication is providing pricing on only communication poles with no power facilities or do their estimates include power facilities. Mr. Plaskey then asked the committee if they decided to do away with the dollar amount for item 10E – ADA accessible ramp. He recalled they decided to go back to section 1.2 – Special Agreement, for this item. Mr. Williams agreed this would be best due to the fact that cities keep changing the cost for this item. Mr. Brown explained that Edison's contractor charges a flat rate for this item so he would have to look into this before he agreed. Mr. Williams explained to Mr. Brown that there were several instances where Edison would list item 10E with a high dollar amount, but once the job was finalized the dollar amount was much less than originally listed. Mr. Brown informed the committee they would be tabling this discussion. Mr. Williams asked the committee to review the most recent version of this spreadsheet. Ms. Pranata informed the committee she has already emailed them the most recent copy of the highlighted spreadsheet for their review. Mr. Williams then asked members to please review and list any discrepancies for further discussion. This includes any questions on Power Company pricing. Mr. Plaskey asked Ms. Pranata for the due date on the 2021-2022 Authorized Costs. Ms. Pranata explained she usually sends out the finalized Authorized Costs Matrix to members in September. Mr. Williams explained the committee's goal is to make sure the Matrix has everything they've been discussing before Ms. Pranata sends it out in September. There are some items the committee discussed separating to show "with power" and "without power". For example an ARM GUY transfer with power compared to one without power is a huge difference in cost. This is an item the committee should look into separating. Ms. Pranata informed the committee that all changes would have to be finalized before September. Mr. Plaskey explained that Frontier should have all their changes submitted in the next two months. Mr. Brown then suggested all members have their changes and input submitted by the end of the second quarter. Mr. Plaskey and Mr. Williams agreed this would give the committee plenty of time before Ms. Pranata sends out the final Matrix in September. Mr. Brown moved on to the next agenda item.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Brown opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Members to review the most recent copy of the highlighted Authorized Costs Matrix sent out by Ms. Pranata.

Authorized Cost – February 19, 2020

- Members to send any questions or concerns to Ms. Pranata and Mr. Brown before the next Authorized Costs meeting.
- Members to review their Authorized Costs and submit any changes before the end of the second quarter.

The ad hoc meeting adjourned at 11:13 a.m.

The next meeting is scheduled for March 18, 2020.

Jenny Silva – Committee Staff

Southern California Joint Pole Committee
2020 Pole Prices List Submissions

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230
	Salvage	842								TOTALS	16610	6	5053	16610
									Wgt Ave		2768		842	
	2019	PROP.	%											
	PRICE	2020	CHG.											
	2476	2768	12											

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	4	2477	7906
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976
SPR		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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	5	7000	21150
	Salvage	996								TOTALS	17159	13	12953	40008
									Wgt Ave		3078		996	
	2019	PROP.	%											
	PRICE	2020	CHG.											
	2412	3078	28											

2020 POLE PRICES WEIGHTED AVERAGE_Draft02

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
EXT		0.00	0.00	0.00	0.00	1800.00		100.00	50.00	55.00	2005	1	1800	2005	EXT
	Salvage	1110								TOTALS	19747	7	7770	19747	
									Wgt Ave		2821		1110		

2019	PROP.	%
PRICE	2020	CHG.
2702	2821	4

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
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
EXT		0.00	0.00	0.00	0.00	1800.00		100.00	50.00	55.00	2005	1	1800	2005	EXT
A	3	57.14	1.00	22.00	1314.22	676.00	**	262.844	57.34	1025.092	3335	10	6760	33355	A
	Salvage	919								TOTALS	26036	17	15625	56056	
									Wgt Ave		3297		919		

2019	PROP.	%
PRICE	2020	CHG.
3293	3297	0

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74 *		N/A	333.40	3354	1	1247	3354
SPR		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897
FON		72.00	8.00	18.00	1872.00	990.00	(**)	676.00	78.00	280.80	3897	1	990	3897
NXT	4	237.38	2.00	6.00	1899.04	1995.00			147.13		4041	1	1995	4041
EXT		0.00	0.00	0.00	0.00	2100.00					2100	1	2100	2100
A	3	57.14	1.00	24.00	1428.5	802.00	**	285.7	57.34	1114.23	3688	9	7218	33190
	Salvage	1052								TOTALS	24331	15	15787	53833
									Wgt Ave		3589		1052	

2019	PROP.	%
PRICE	2020	CHG.
3709	3589	-3

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
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57 *		N/A	333.40	4017	1	1356	4017
SPR		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772
FON		72.00	10.00	20.00	2160.00	1430.00	(**)	780.00	78.00	324.00	4772	1	1430	4772
EXT		0.00	0.00	0.00	0.00	2300.00		100.00	50.00	55.00	2505	1	2300	2505
A	3	57.14	1.00	26.00	1542.78	926.00	**	308.556	57.34	1203.368	4038	26	24076	104989
	Salvage	1031								TOTALS	24122	31	31949	125073
									Wgt Ave		4035		1031	

2019	PROP.	%
PRICE	2020	CHG.
4395	4035	-8

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - Draft 2

55' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		NO. OF POLES	F.O.B.	TOTAL COSTS	TOTAL COSTS
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL				
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
EXT		0.00	0.00	0.00	0.00	2500.00		100.00	50.00	55.00	2705	1	2500	2705	EXT
A	3	57.14	1.00	28.00	1657.06	912.00	**	331.412	57.34	1292.507	4250	10	9120	42503	A
	Salvage	1228								TOTALS	27428	15	18421	65681	
									Wgt Ave		4379		1228		

2019 PRICE	PROP. 2020	% CHG.
5118	4379	-14

60' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		NO. OF POLES	F.O.B.	TOTAL COSTS	TOTAL COSTS
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL				
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
A	2	57.14	1.00	30.00	1771.34	1334.00	**	354.268	57.34	1381.645	4899	5	6670	24493	A
	Salvage	1717								TOTALS	29544	9	15457	49138	
									Wgt Ave		5460		1717		

2019 PRICE	PROP. 2020	% CHG.
6161	5460	-11

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2020 - Draft 2

[illegible]

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	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
	A	2	57.14	1.00	31.00	1828.48	1846.00**	365.696	57.34	1426.214	5524	1	1846	5524
											0		0	0
	Salvage	1846								TOTALS	5524	1	1846	5524
									Wgt Ave		5524		1846	
	2019 PRICE	PROP. 2020	% CHG.											
	7693	5524	-28	*2019 PP used 2018 price \$7693										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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
A	2	57.14	1.00	32.00	1885.62	2141.00	**	377.124	57.34	1470.784	5932	1	2141	5932
	Salvage	2141								TOTALS	5932	1	2141	5932
	2019	PROP.	%						Wgt Ave		5932			
	PRICE	2020	CHG.											
	0	5932	#DIV/0!	*NO PRICE IN 2019 OR 2018										

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!			
	2019	PROP.	%											
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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
	2019	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

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
	2019	PROP.	%						Wgt Ave		#DIV/0!			
	PRICE	2020	CHG.											
	0	#DIV/0!	#DIV/0!	NO PRICE IN 2019 OR 2018										

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2020 - 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!			

2019	PROP.	%
PRICE	2020	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2019 OR 2018

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)
 A Supply expense included in column Material Cost (FOB)

2020 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

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$259.39	4.00	8.20	\$3,164.60	\$237.12	\$18.14	*	\$259.39	\$319.36	\$3,998.62	7
30'	5	\$259.39	4.00	8.20	\$3,164.60	\$293.04	\$22.42	*	\$259.39	\$324.58	\$4,064.04	16
35'	3	\$259.39	4.00	8.20	\$3,164.60	\$503.73	\$38.54	*	\$259.39	\$344.27	\$4,310.54	1,480
40'	2	\$259.39	4.00	10.40	\$3,735.27	\$780.10	\$59.68	*	\$259.39	\$419.63	\$5,254.07	1,505
45'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,155.47	\$88.39	*	\$259.39	\$454.70	\$5,693.22	9,364
50'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,228.30	\$93.96	*	\$259.39	\$461.51	\$5,778.43	3,399
55'	2	\$259.39	4.00	10.40	\$3,735.27	\$1,232.45	\$94.28	*	\$259.39	\$461.90	\$5,783.29	1,211
60'	1	\$259.39	4.00	10.40	\$3,735.27	\$1,834.31	\$140.32	*	\$259.39	\$518.13	\$6,487.42	569
65'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,341.68	\$179.14	*	\$259.39	\$615.08	\$7,701.23	1,076
70'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,685.60	\$205.45	*	\$259.39	\$647.21	\$8,103.59	1,135
75'	1	\$259.39	4.00	12.60	\$4,305.93	\$2,865.67	\$219.22	*	\$259.39	\$664.04	\$8,314.26	741
80'	1	\$259.39	4.25	12.60	\$4,370.78	\$3,197.76	\$244.63	*	\$259.39	\$700.70	\$8,773.27	497
85'	1	\$259.39	4.25	12.60	\$4,370.78	\$3,625.70	\$277.37	*	\$259.39	\$740.69	\$9,273.94	236
90'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,222.79	\$323.04	*	\$259.39	\$861.77	\$10,790.02	47
95'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,191.69	\$320.66	*	\$259.39	\$858.87	\$10,753.64	18
100'	1	\$259.39	4.25	15.50	\$5,123.02	\$4,865.44	\$372.21	*	\$259.39	\$921.82	\$11,541.89	6
110'	1	\$259.39	4.25	15.50	\$5,123.02	\$6,070.68	\$464.41	*	\$259.39	\$1,034.44	\$12,951.95	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. **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, 2018

SCJPC Member Utility submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet:

Call Back Telephone Number & Email:

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$259.39	4.00	8.20	\$3,164.60	\$915.95	\$70.07	*	\$259.39	\$382.79	\$4,792.81	0
35'	5	\$259.39	4.00	8.20	\$3,164.60	\$1,745.83	\$133.56	*	\$259.39	\$460.33	\$5,763.72	56
40'	5	\$259.39	4.00	10.40	\$3,735.27	\$2,011.05	\$153.85	*	\$259.39	\$534.65	\$6,694.21	49
45'	4	\$259.39	4.00	10.40	\$3,735.27	\$2,166.51	\$165.74	*	\$259.39	\$549.18	\$6,876.09	752
50'	3	\$259.39	4.00	10.40	\$3,735.27	\$2,648.77	\$202.63	*	\$259.39	\$594.24	\$7,440.30	39
55'	3	\$259.39	4.00	10.40	\$3,735.27	\$3,057.25	\$233.88	*	\$259.39	\$632.41	\$7,918.20	13
60'	2	\$259.39	4.00	10.40	\$3,735.27	\$6,008.42	\$459.64	*	\$259.39	\$908.16	\$11,370.88	1
65'	H1	\$259.39	4.00	12.60	\$4,305.93	\$5,512.14	\$421.68	*	\$259.39	\$911.33	\$11,410.48	0
70'	H3	\$259.39	4.00	12.60	\$4,305.93	\$5,516.90	\$422.04	*	\$259.39	\$911.77	\$11,416.04	0
75'	H3	\$259.39	4.00	12.60	\$4,305.93	N/A	N/A	*	\$259.39	N/A	N/A	0
80'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	N/A	N/A	0
85'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	N/A	N/A	0
90'	H3	\$259.39	4.00	14.80	\$4,876.60	N/A	N/A	*	\$259.39	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

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person completing worksheet:

Call Back Telephone Number & Email:

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 8.68%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$259.39	4.00	10.40	\$3,735.27	\$3,822.83	\$292.45	*	\$259.39	\$390.00	\$737.79	\$9,237.73
45'	0	\$259.39	4.00	10.40	\$3,735.27	\$4,125.25	\$315.58	*	\$259.39	\$390.00	\$766.05	\$9,591.54
50'	1	\$259.39	4.00	10.40	\$3,735.27	\$3,723.79	\$284.87	*	\$259.39	\$570.00	\$744.16	\$9,317.48
55'	1	\$259.39	5.00	10.40	\$3,994.66	\$3,905.32	\$298.76	*	\$259.39	\$570.00	\$783.64	\$9,811.78
60'	1	\$259.39	5.00	10.40	\$3,994.66	\$4,843.63	\$370.54	*	\$259.39	\$570.00	\$871.32	\$10,909.55
65'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,061.25	\$387.19	*	\$259.39	\$850.00	\$965.49	\$12,088.65
70'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,270.83	\$403.22	*	\$259.39	\$850.00	\$985.07	\$12,333.84
75'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,517.91	\$422.12	*	\$259.39	\$920.00	\$1,014.24	\$12,698.99
80'	1	\$259.39	5.00	12.60	\$4,565.33	\$5,752.57	\$440.07	*	\$259.39	\$920.00	\$1,036.16	\$12,973.52
85'	1	\$259.39	5.00	12.60	\$4,565.33	\$6,054.04	\$463.13	*	\$259.39	\$1,030.00	\$1,073.88	\$13,445.77
90'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,291.30	\$481.28	*	\$259.39	\$1,260.00	\$1,181.31	\$14,790.85
95'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,602.41	\$505.08	*	\$259.39	\$1,260.00	\$1,210.38	\$15,154.83
100'	1	\$259.39	5.00	15.50	\$5,317.57	\$6,881.36	\$526.42	*	\$259.39	\$1,260.00	\$1,236.44	\$15,481.18
110'	1	\$259.39	5.00	15.50	\$5,317.57	\$7,321.98	\$560.13	*	\$259.39	\$1,260.00	\$1,277.62	\$15,996.69

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 Wood Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2019

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	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'	3	193.99	4	16.65	\$4,005.89	\$428.03	\$81.33	\$336.64	\$243.37	*	\$5,095	
40'	3	193.99	4	16.65	\$4,005.89	\$521.78	\$99.14	\$336.64	\$243.37	*	\$5,207	
40'	H3	193.99	4	16.65	\$4,005.89	\$1,188.69	\$225.85	\$336.64	\$243.37	*	\$6,000	
45'	2	193.99	4	16.65	\$4,005.89	\$709.29	\$134.77	\$336.64	\$243.37	*	\$5,430	
45'	H3	193.99	4	16.65	\$4,005.89	\$1,406.83	\$267.30	\$336.64	\$243.37	*	\$6,260	
50'	2	193.99	4	16.65	\$4,005.89	\$821.40	\$156.07	\$336.64	\$243.37	*	\$5,563	
50'	H3	193.99	4	16.65	\$4,005.89	\$1,624.97	\$308.74	\$336.64	\$243.37	*	\$6,520	
55'	2	193.99	4	16.65	\$4,005.89	\$964.41	\$183.24	\$336.64	\$243.37	*	\$5,734	
55'	H3	193.99	4	16.65	\$4,005.89	\$1,881.01	\$357.39	\$336.64	\$243.37	*	\$6,824	
60'	2	193.99	4	16.65	\$4,005.89	\$1,104.79	\$209.91	\$336.64	\$243.37	*	\$5,901	
60'	H3	193.99	4	16.65	\$4,005.89	\$2,378.43	\$451.90	\$336.64	\$243.37	*	\$7,416	
65'	2	193.99	4	19.85	\$4,626.66	\$1,323.71	\$251.50	\$388.80	\$243.37	*	\$6,834	
70'	2	193.99	4	19.85	\$4,626.66	\$1,457.65	\$276.95	\$388.80	\$243.37	*	\$6,993	
70'	H3	193.99	4	19.85	\$4,626.66	\$2,991.55	\$568.39	\$388.80	\$243.37	*	\$8,819	
75'	2	193.99	4	19.85	\$4,626.66	\$1,688.62	\$320.84	\$388.80	\$243.37	*	\$7,268	
80'	2	193.99	4	19.85	\$4,626.66	\$1,951.21	\$370.73	\$388.80	\$243.37	*	\$7,581	
85'	2	193.99	4	19.85	\$4,626.66	\$2,168.55	\$412.02	\$388.80	\$243.37	*	\$7,839	
90'	2	193.99	4	19.85	\$4,626.66	\$2,606.68	\$495.27	\$388.80	\$243.37	*	\$8,361	
95'	2	193.99	4	19.85	\$4,626.66	\$2,909.28	\$552.76	\$388.80	\$243.37	*	\$8,721	
100'	2	193.99	4	19.85	\$4,626.66	\$3,246.09	\$616.76	\$388.80	\$243.37	*	\$9,122	
110'	1	193.99	4	19.85	\$4,626.66	\$4,969.44	\$944.19	\$388.80	\$243.37	*	\$11,172	

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

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

Please submit to SCJPC by:
 December 31, 2019

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	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$2,778.13	\$527.84	\$336.64	\$243.37	*	\$7,892	
45'	109,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$2,909.89	\$552.88	\$336.64	\$243.37	*	\$8,049	
50'	123,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,019.71	\$573.74	\$336.64	\$243.37	*	\$8,179	
55'	136,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,129.51	\$594.61	\$336.64	\$243.37	*	\$8,310	
60'	150,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,283.24	\$623.82	\$336.64	\$243.37	*	\$8,493	
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

2020 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass - Multiple Piece (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 December 31, 2019

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	\$193.99	4	16.65	\$4,005.89	\$2,949.64	\$560.43	\$336.64	\$243.37	*	\$8,096	
45'	97,500 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,196.18	\$607.27	\$336.64	\$243.37	*	\$8,389	
50'	101,300 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,258.56	\$619.13	\$336.64	\$243.37	*	\$8,464	
55'	136,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,288.76	\$624.86	\$336.64	\$243.37	*	\$8,500	
60'	150,000 ft-lbs	\$193.99	4	16.65	\$4,005.89	\$3,455.02	\$656.45	\$336.64	\$243.37	*	\$8,697	
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.

1/13/2020

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

Please submit to SCJPC by:
December 31, 2019

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	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
32.5'	230000 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,341.64	\$444.91	\$388.80	\$243.37	*	\$8,045	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,379.64	\$452.13	\$388.80	\$243.37	*	\$8,091	
55'	189300 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,320.76	\$630.94	\$388.80	\$243.37	*	\$9,211	
60'	208000 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,647.14	\$692.96	\$388.80	\$243.37	*	\$9,599	
65'	226700 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,814.79	\$724.81	\$388.80	\$243.37	*	\$9,798	
70'	245000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,077.46	\$774.72	\$471.94	\$243.37	*	\$11,184	
70' Heavy	318600 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,530.14	\$860.73	\$471.94	\$243.37	*	\$11,722	
75'	264,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,647.50	\$883.03	\$471.94	\$243.37	*	\$11,862	
75' Heavy	343,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,253.31	\$998.13	\$471.94	\$243.37	*	\$12,583	
80'	282,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,684.38	\$890.03	\$471.94	\$243.37	*	\$11,906	
80' Heavy	367,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,600.92	\$1,064.17	\$471.94	\$243.37	*	\$12,996	
85'	301,600 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$4,928.05	\$936.33	\$471.94	\$243.37	*	\$12,196	
90'	320,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$5,341.60	\$1,014.90	\$471.94	\$243.37	*	\$12,688	
100'	357,800 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$6,460.46	\$1,227.49	\$471.94	\$243.37	*	\$14,019	
110'	395,000 ft-lbs	\$193.99	4	24.95	\$5,616.01	\$7,714.54	\$1,465.76	\$471.94	\$243.37	*	\$15,512	

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

(****) 1/13/2020 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:
 December 31, 2019

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	\$4,344.33	\$825.42	\$417.93	\$232.13	*	\$10,563.42	
55'		0	0	0	0						\$0.00	
60'	H-1	\$181.40	4	22.65	\$4,834.31	\$4,555.05	\$865.46	\$425.92	\$232.13	*	\$10,912.87	
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

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

Please submit to SCJPC by:
 December 31, 2019

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	\$193.99	4	19.85	\$4,626.66	\$2,002.31	\$378.03	388.80	\$243.37	*	\$7,639	
50' Heavy	143,900 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,372.38	\$378.03	\$388.80	\$243.37	*	\$8,009	
55'	133,100 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$2,839.00	\$378.03	\$388.80	\$243.37	*	\$8,476	
55' Heavy	221,800 ft-lbs	\$193.99	4	19.85	\$4,626.66	\$3,916.43	\$378.03	\$388.80	\$243.37	*	\$9,553	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$193.99	4	22.25	\$5,092.24	\$5,399.01	\$378.03	\$427.93	\$243.37	*	\$11,541	
75' Heavy	319,600 ft-lbs	\$193.99	4	22.25	\$5,092.24	\$5,688.13	\$378.03	\$427.93	\$243.37	*	\$11,830	
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:
 October 31, 2018

SCJPC Member Utility submitting:

AT&T Mobility

Person completing worksheet:

Y. Johnson

Call Back Telephone Number & Email:

2020 NOTE: Please use 2019 pole prices for 2020 for ATC, LAC, NXT, AND TCA. Per L.Hernandez 1/2/2020
 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

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

Please submit to SCJPC by:
October 31, 2019

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	312.30	*	*	2688.06	
35'	3	181	4	7.5	2081.5	384.42	26.91	312.30	*	*	2805.13	
40'	3	181	4	10	2534	420.24	29.42	380.18	*	*	3363.84	
45'	3	181	4	10	2534	641.93	44.94	380.18	*	*	3601.05	
50'	3	181	4	10	2534	979.67	68.58	380.18	*	*	3962.43	
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 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

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	124.968	3	8	1374.648	290.21	64.64	186.94	195.72	1419.67	3531.8	
30'	5	124.968	3	8	1374.648	348.18	90.65	186.94	195.72	1419.67	3615.8	
35'	5	124.968	3	8	1374.648	513.85	107.44	186.94	195.72	1419.67	3798.3	
40'	5	124.968	3	8.5	1437.132	797.78	201.63	186.94	195.72	1483.3	4302.5	
45'	3	124.968	3	10	1624.584	812.71	243.81	186.94	195.72	1483.3	4547.1	
45'	2	124.968	3	10	1624.584	952.3	262.07	186.94	195.72	1483.3	4704.9	
45'	H1	124.968	3	10	1624.584	1302.85	268.14	186.94	195.72	1483.3	5061.5	
50'	3	124.968	3	10	1624.584	1079.09	280.32	186.94	195.72	1546.94	4913.59	
55'	2	124.968	3	10	1624.584	1287.52	325.04	186.94	195.72	1546.94	5166.74	
55'	H1	124.968	3	10	1624.584	1775.57	351.14	186.94	195.72	1546.94	5680.89	
60'	2	124.968	3	10	1624.584	1590.11	377.13	186.94	195.72	1546.94	5521.42	
65'	2	124.968	3	12	1874.52	2235.41	393.83	186.94	195.72	1546.94	6433.36	
70'	2	124.968	3	14	2124.456	2246.92	567.45	186.94	195.72	1610.57	6932.06	
75'	2	124.968	3	14	2124.456	2258.43	664.25	186.94	195.72	1610.57	7040.37	
80'	2	124.968	3	14	2124.456	2442.56	718.4	186.94	195.72	1674.21	7342.29	
85'	2	124.968	3	14	2124.456	2753.54	798.13	186.94	195.72	1674.21	7733	
90'	2	124.968	3	14	2124.456	3071.43	890.27	186.94	195.72	1674.21	8143.03	
95'	2	124.968	3	14	2124.456	3722.12	1078.88	186.94	195.72	1674.21	8982.33	
100'	H1	124.968	3	12	1874.52	4198.61	1216.41	186.94	195.72	1674.21	9346.41	
110'	H1	124.968	3	12	1874.52	6751.72	1957.02	186.94	195.72	1674.21	12640.1	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
 January 10, 2020

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'		75.98	8	11	1443.62	151	21		98.35	36.23	1750.2	
30'		75.98	8	11	1443.62	222	21		98.35	36.23	1821.2	
35'		75.98	8	11	1443.62	252	21		98.35	36.23	1851.2	
40'		75.98	8	11	1443.62	358	21		98.35	36.23	1957.2	
45'		75.98	8	11	1443.62	441	21		98.35	36.23	2040.2	
50'		75.98	8	14	1671.56	682	21		98.35	36.23	2509.14	
55'		75.98	8	14	1671.56	612	21		98.35	36.23	2439.14	
60'		75.98	8	14	1671.56	1150	21		98.35	36.23	2977.14	
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

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

Please submit to SCJPC by:
 October 31, 2019

SCJPC Member Utility submitting:

City of Vernon

Person completing worksheet:

Iman Torbati

Call Back Telephone Number & Email:

(323)583-8811 Ext. 167 / ltorbati@ci.vernon.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
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'		0	0	0	0	0	***	***	0	0	0	
30'		0	0	0	0	0	***	***	0	0	0	
35'		131.92	0.5	14	1912.84	582	***	***	104.34	573.85	3173.03	
40'		131.92	0.5	14	1912.84	854	***	***	104.34	573.85	3445.03	
45'		131.92	0.5	14	1912.84	1534.5	***	***	104.34	573.85	4125.53	
50'		131.92	0.5	14	1912.84	1905.67	***	***	104.34	573.85	4496.70	
55'		131.92	0.5	16.5	2242.64	2346.75	***	***	104.34	672.79	5366.52	
60'		131.92	0.5	16.5	2242.64	2531.33	***	***	104.34	672.79	5551.10	
65'		131.92	0.5	16.5	2242.64	3177.33	***	***	104.34	672.79	6197.10	
70'		131.92	0.5	21	2836.28	3350.33	***	***	104.34	850.88	7141.83	
75'		131.92	0.5	21	2836.28	3360.67	***	***	104.34	850.88	7152.17	
80'		131.92	0.5	21	2836.28	3918.33	***	***	104.34	850.88	7709.83	
85'		131.92	0.5	21	2836.28	4376	***	***	104.34	850.88	8167.50	
90'		131.92	0.5	21	2836.28	4768.33	***	***	104.34	850.88	8559.83	
95'		131.92	0.5	21	2836.28	3864.33	***	***	104.34	850.88	7655.83	
100'		131.92	0.5	21	2836.28	7218	***	***	104.34	850.88	11009.50	
110'		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

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

Note for 2020: I have confirmed that AT&T has NOT changed its pole pricing, so currently listed pole prices stay the same. C.Crawford 10/23/2019

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

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

Please submit to SCJPC by:
October 31, 2019

SCJPC Member Utility submitting:

BURBANK

Person completing worksheet:

MINA SHEHATA

Call Back Telephone Number & Email:

818-238-3719 MSHEHATA@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	148.82	3	21.8	3690.77	851.34	85.13**	536.55	125.304	N/A	5203.97	
40'	2	148.82	3	21.8	3690.77	796.61	79.66**	536.55	125.304	N/A	5149.24	
45'	3	148.82	3	21.8	3690.77	929.19	92.91**	536.55	125.304	N/A	5281.82	
45'	2	148.82	3	21.8	3690.77	927.49	92.74**	536.55	125.304	N/A	5280.12	
50'	2	148.82	3	20.8	3541.95	1074.24	107.42**	518.3	125.304	N/A	5259.80	
55'	2	148.82	3	20.8	3541.95	1261.35	126.13**	518.3	125.304	N/A	5446.91	
55'	H1	148.82	3	20.8	3541.95	2265.41	226.54**	554.8	125.304	N/A	6487.47	
60'	2	148.82	3	21.7	3675.89	1598.26	159.82**	549.325	125.304	N/A	5948.78	
60'	H1	148.82	3	20.7	3527.07	2866.98	286.69**	549.325	125.304	N/A	7068.68	
65'	2	148.82	3	19.6	3363.37	1995.55	199.55**	543.85	125.304	N/A	6028.07	
65'	H1	148.82	3	20.6	3512.19	2829.79	282.97**	543.85	125.304	N/A	7011.13	
70'	2	148.82	3	21.6	3661.01	1995.36	199.53**	580.35	125.304	N/A	6362.02	
70'	H1	148.82	3	22.6	3809.83	3270.32	327.03**	580.35	125.304	N/A	7785.80	
75'	2	148.82	3	21.6	3661.01	2324.23	232.42**	580.35	125.304	N/A	6690.89	
75'	H1	148.82	3	22.6	3809.83	3630.59	363.05**	580.35	125.304	N/A	8146.07	

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

1/13/2020

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

Please submit to SCJPC by:
 October 31, 2019

SCJPC Member Utility submitting: **GSW**

Person completing worksheet: **SHERRI DUCHATEAU**

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

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	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'	3	135	1	4	675	586		519.408	218.586	473.789	2472.783	
40'	1	135	1	4	675	968		519.408	218.586	473.789	2854.783	
45'	1	135	1	5	810	1400		519.408	218.586	473.789	3421.783	
50'	1	135	1	8	1215	1267		519.408	218.586	473.789	3693.783	
50'	H2	135	1	8	1215	2279		519.408	218.586	473.789	4705.783	
55	1	135	1	8	1215	1135		519.408	218.586	473.789	3561.783	
55	H3	135	1	8	1215	2083		519.408	218.586	473.789	4509.783	
60'	H2	135	1	8	1215	2057		592.991	218.586	473.789	4557.366	
65'	H4	135	0	8	1080	2643		592.991	218.586	473.789	5008.366	
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

(*****) 1/13/2020 Please designate if you choose to publish your costs individually or be included in the weighted average

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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</i> (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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "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		

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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

March 18, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:40p.m. at the Committee office. **Those in attendance were:**

Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Anali Spencer	Committee Staff

Those attending via teleconference were:

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Hector Aguilera	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Aarize Dizon	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Richanna James	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Ben Coffey	City of Banning
Mr. Racheal Torres	Mobilitie, LLC
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Vanstryk	City of Vernon (Petrelli Electric)
Mr. Dan Luty	Extenet Systems

Mr. Brown called the meeting to order at 1:40 p.m.

Agenda Item 1 - Review of prior month's minutes:

Mr. Brown opened the meeting by inquiring if there were any questions or concerns regarding the previous meeting minutes. There were no comments or concerns from any members.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Mr. Brown opened that the 2020 Pole Prices have been approved, and now there is a place holder for 2021.

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. Mr. Brown moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Brown opened asking the members if they all submitted prices. He stated that the members were to review their Authorized Costs and submit any changes before the end of the second quarter which was previously discussed. This was due to the disparity of the prices sent by Ms. Pranata, highlighted in yellow (see attached). Mr. Brown stated the members could review this together to bridge the gap and make sure everyone is ok with the prices. Ms. Pranata stated the prices listed were for 2019-2020. Ms. Pranata stated that she needs to send out a blank matrix to all member so they can fill out their Authorized Costs for 2021-2022. Mr. Brown made a note of this.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Brown opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- When Item 1661 is completed, figuring out if the members want to separate the items to power and communication, that is when Ms. Pranata will send out the blank 2021-2022 Authorized Cost Matrix. Item 1661 to remain on the agenda for the members to discuss separating the costs.

The meeting adjourned at 1:45 p.m. until April 15, 2020.

Anali Spencer – Committee Staff

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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

April 15, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:17 p.m. via teleconference. **Those in attendance were:**

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Aarize Dizon	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Mr. Todd M. Dailey	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Vanstryk	City of Vernon (Petrelli Electric)
Mr. John Vu	City of Anaheim
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Anali Spencer	Committee Staff

Mr. Brown called the meeting to order at 1:17 p.m.

Agenda Item 1 - Review of prior month's minutes - Mr. Brown opened the meeting by inquiring if there were any questions or concerns regarding the previous meeting minutes. There were no comments or concerns from any members.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Mr. Brown opened that the 2020 Pole Prices were approved 2/19/2020, and there is a placeholder for 2021.

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. Mr. Brown moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Brown opened stating all the members trying to review. The members were emailed a packet to review the Authorized Costs and there were concerns about the price disparity on some of the items. The members were to go back to their teams and make sure the costs were correct and if anything needed to be submitted. Mr. Brown stated that SCE and LADWP were going to have conversations about the disparities, such as number four, straightening in earth. The large gap on some of the items is seen and SCE was going to have an internal conversation with LADWP to see what is driving the cost and why this is. Mr. Brown asked to review Item 10A, cement and break (see attached). He stated there were concerns about why asphalt was more than cement. Mr. Brown took this to SCE's department that handles this, and they stated that it was correct. Mr. Bacon stated that for LADWP they are jackhammering out the concrete and most of their asphalt is a cold patch that comes out of a bag, and he cannot see why it would be more expensive than the concrete. Mr. Brown stated everything that is highlighted in yellow is for the members to take back and look at it with their teams. Ms. Crawford stated that AT&T California completed reviewing the disparities last year in the Fall and one of things they were asked is how did they calculate/come up with these numbers. She stated that most of the work is what they contract out and they used the contract bid database of what the article is and that is the pricing they used. What AT&T California has submitted was rechecked, so everything was validated and good. She further stated that they did change a few pricings when they resubmitted. Mr. Brown stated that he went to SCE's contractors to see what they charge, and it was much more than what SCE submitted. He is trying to figure out how SCE came up with the prices listed, checking to see if it was possibly an average, because the contractors' cost for work is higher than what was submitted. Mr. Brown is going to continue to research further. He asked the members if they had any further thoughts on this. There were no more at this time. Mr. Brown reminded the members that everything that is highlighted in the burnt orange color (see attached) is to be reviewed by the members as they prepare to submit the Authorized Costs later this year.

Mr. Plaskey later brought up that he gave Frontier's construction team until the end of April to update the hours. Frontier calculates their process this way. He stated that some of the items were pretty low. He is planning on bringing a full reviewed calculation to the Authorized Cost meeting next month. He gave them a couple of months because so much is going on and the construction team has a new productivity thing they are doing as well.

Mr. Plaskey stated that when Mr. Williams brought this up, he was speaking about sections three and four to see if the members wanted to separate

as a power cost and a communication cost. Mr. Bacon stated that there was supposed to be some kind of separation there in sections three and four (see attached). Mr. Plaskey stated that these were the sections Frontier wanted to review, which the vast majority of the members have reviewed already, and they are waiting on Frontier. Mr. Plaskey agreed that they should be splitting out sections three and four with a power cost and communication cost the way sections one and two are split out. To have it with a with supply and without supply breakdown for lowering and raising and for straightening in earth.

Mr. Brown asked Ms. Pranata when the costs need to be submitted. Ms. Pranata stated she usually sends the blank Authorized Costs matrix around September and that she needs to know if they are going to be separating the costs before September. Item 1661 to remain on the agenda for the members to discuss separating the costs.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Brown opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- All the members are to review the items highlighted in burnt orange (see attached).
- Item1661 should be completed before September 2020.
- Frontier is going to submit their costs at the next month's Authorized Costs Meeting.

The meeting adjourned at 1:33 p.m. until May 20, 2020.

Anali Spencer – Committee Staff

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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</i> (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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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

May 20, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:22 p.m. via teleconference. **Those in attendance were:**

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Glenn Leckie	Frontier Communications
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Mr. Todd M. Dailey	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryke	City of Vernon (Petrelli Electric)
Ms. Linda McLean	Extenet Systems, LLC
Mr. Ben Coffee	City of Banning
Ms. Veronica Craghead	City of Banning
Ms. Racheal Torres	Mobilitie, LLC
Mr. Iman Yossi Torbati	City of Vernon
Ms. Heidi Seropian	Extenet Systems, LLC
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Brown called the meeting to order at 1:22 p.m.

Agenda Item 1 - Review of prior month's minutes - Mr. Brown opened the meeting by inquiring if there were any questions or concerns regarding the previous meeting minutes. There were no comments or concerns from any members. Minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Mr. Brown opened that the 2020 Pole Prices were approved 2/19/2020, and there is a placeholder for 2021. Ms. Pranata explained she would be sending out the 2021 blank pole price matrix in September or October of 2020.

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. Mr. Brown moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Brown opened stating all the members will have to decide whether or not they agree it would be best to separate Authorized Costs for Power and Communication. Members were to review the most recent copy of the Authorized Costs excel file with highlights from LADWP, AT&T CA, TCA, ATC, NXT, LAC, SPR, and FON. Mr. Plaskey informed the committee that he believes all members have reviewed the spreadsheet and confirmed that the pricing is in line with their current costs, but the only company we are waiting on is his company, which is Frontier Communications. Frontier is still working on their time and motion study to confirm that their hourly equivalents are accurate, so they are not underbilling or overbilling on any of their costs. Mr. Plaskey then informed the committee his goal is to have this completed by the end of this month so the committee can review the spreadsheet next month. Mr. Plaskey then asked Mr. Brown if he would like to continue this month's discussion or would he prefer to wait until Frontier submits their updated Authorized Costs so the committee can then take a comprehensive view at the entire spreadsheet. Mr. Brown feels it would be best if the committee waited until Frontier has submitted their updates. This would allow the committee a fair judgement on whether or not they should move forward with this item. Mr. Plaskey then asked Ms. Pranata if he was accurate in stating that everyone else has submitted their authorized costs updates. Ms. Pranata informed Mr. Plaskey that she has yet to receive a response from SCW as well as Edison. Ms. Pranata then asked Mr. Brown if Edison would be submitting updated costs. Mr. Brown informed Ms. Pranata that he did have a few issues with costs and he has reached out to his people, but with the COVID-19 crisis everyone is slow to respond. Mr. Brown will follow up with his team. Mr. Brown then asked Ms. Pranata to confirm the committee is waiting for Authorized Costs updates from Frontier Communications, SCW, and Edison. Ms. Pranata confirmed this was correct. Mr. Brown then suggested the committee follow up on this item at next month's meeting. Mr. Plaskey then asked Ms. Pranata to scroll to items 110C, D, and E

which are guy wire completion. All these items list a cost of \$15 and these are a few examples of the items Frontier has to review to confirm their hourly equivalents are accurate based on their time and motion study. Mr. Brown informed the committee there are a few items where SCE's costs are far off from LADWP's costs and these are items he hopes to have an answer for soon. Mr. Brown informed the committee that the plan is to complete this discussion before September 2020, which gives the committee plenty of time, but we don't want to wait until the last minute. The plan is to revisit this item next month with hopes to have this all wrapped up well before September.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Brown opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- FTR, SCW, and Edison to review Authorized Costs excel file with highlights and provide updated costs.

The meeting adjourned at 1:28 p.m.

The next meeting is scheduled for June 17, 2020.

Jenny Silva – Committee Staff

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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

June 17, 2020

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

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Jeff Williams	City of Los Angeles – DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Joe Serrato	Crown Castle NG West Inc.
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Brown called the meeting to order at 1:12 p.m.

Agenda Item 1 - Review of prior month's minutes - Mr. Brown opened the meeting by inquiring if there were any questions or concerns regarding the previous month's meeting minutes. There were no comments or concerns from any members. Minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Mr. Brown opened stating the 2020 Pole Prices were approved 2/19/2020. There is a placeholder for the 2021 Pole Prices, which Ms. Pranata will be sending out to the committee members later in the year.

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. Mr. Brown moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Mr. Brown opened stating Frontier and Edison as well as a few others had some questionable costs they are currently reviewing. Mr. Brown then asked for clarification regarding the review of the most recent copy of the Authorized Costs excel file with highlights from LADWP, AT&T CA, TCA, ATC, NXT, LAC, SPR, and FON. Mr. Brown asked Ms. Pranata if this was the spreadsheet that was highlighted in yellow showing a total distinction amongst the costs. Ms. Pranata informed him that he was correct, and the committee is still waiting for Edison and Frontier to submit their updated costs and notes. Mr. Plaskey informed the committee Frontier has just completed their time and motion study so now his people just have to update the number of hours they had plugged in for some of these functions on the past. It looks they are going to be bumping up the time it takes which equates to money. Mr. Plaskey then informed the committee he will have this completed by the next month's meeting. Mr. Brown informed the committee Edison is looking into why some of their costs are not aligned with LADWP. They have discovered that their contractors are aligned with LADWP so now they are looking internally to see where the discrepancies lie. Mr. Brown informed the committee he would have his updated costs ready by next month as well.

Agenda Item 5 - Miscellaneous/ New Item numbers – Mr. Brown opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- FTR and Edison to review Authorized Costs excel file with highlights and provide updated costs.

The meeting adjourned at 1:15 p.m.

The next meeting is scheduled for July 15, 2020.

Jenny Silva – Committee Staff

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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</i> (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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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

July 15, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:56 p.m. via teleconference. **Those in attendance were:**

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Jaime Garcia	City of Los Angeles - DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Glenn Leckie	Frontier Communications
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Hector Aguilar	Crown Castle NG West Inc.
Mr. Earle Carrion	Crown Castle NG West Inc.
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Mr. Todd M. Dailey	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Mr. Ben Coffee	City of Banning
Ms. Racheal Torres	Mobilitie, LLC
Ms. Veronica Craghead	City of Banning
Ms. Mary Li	City of Anaheim
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Ms. Bowie called the meeting to order at 1:56 p.m.

Agenda Item 1 - Review of prior month's minutes - Ms. Bowie explained that Mr. Brown, Ms. DeBarge, and Ms. Mitwasi had to step away for another meeting so she would be taking over in their absence. She then opened the meeting by inquiring if there were any questions or concerns regarding the previous month's meeting minutes. There were no comments or concerns from any members. Minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Ms. Pranata informed the committee she added the blank 2021 Pole Prices Matrix as well as the Definition of Pole Price Elements to this month's agenda packet for the Authorized Costs committee to review. Once these documents are reviewed Ms. Pranata will email the documents to all members so they can submit their 2021 Pole Prices. Ms. Pranata explained this is done every year. Mr. Bacon then stated he feels this should be done every other year just like Authorized Costs. Ms. Bowie asked if the Definition of Pole Price Elements document was something new. Ms. Pranata explained this document is used every year and it is reviewed every year to verify it is still current and valid. Ms. Bowie then asked the committee if they would like to review the Definition of Elements now or would they prefer to take some time to review offline. Mr. Bacon informed Ms. Bowie that this is reference material. Ms. Pranata then clarified with the committee they would be returning with any questions or concerns regarding these documents next month. Mr. Bacon stated that was correct. Ms. Bowie moved onto item 3 of the Agenda.

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. Bowie asked if there were any questions on this item. When there were no questions, she moved on to item 4 of the Agenda.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Bowie stated that at last month's meeting Frontier informed the committee they completed their motion study. She then asked Frontier representatives if they had a chance to submit their updates. Mr. Plaskey informed the committee he would be sending his updated to Ms. Pranata within the week. Ms. Bowie informed the committee Edison would like to continue reviewing Power and Communication costs. They need to collect some data from their contract firm as well. Item 1661 will remain open.

Agenda Item 5 - Miscellaneous/ New Item numbers – Ms. Bowie opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Members to review Blank 2021 Pole Prices Matrix as well as Definition of Pole Prices Elements and report back with any edits, questions, or concerns.
- Edison to review Authorized Costs excel file with highlights and provide updated costs.

The meeting adjourned at 2:02 p.m.

The next meeting is scheduled for August 19, 2020.

Jenny Silva – Committee Staff

2021 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)

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

(****) 7/8/2020 Please designate if you choose to publish your costs individually or be included in the weighted average

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For **Composite Fiberglass (CF)** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass Multi Pieces (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

7/8/2020

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For **Concrete** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2020

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

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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		

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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</i> (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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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, fiberglassPower1780																		#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-SinglePower5500																		#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 sunburstPower23080																		#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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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

August 19, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 2:17 p.m. via teleconference. **Those in attendance were:**

Ms. Camile Bowie	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Jeffery Williams	City of Los Angeles - DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Lex Treepaisan	Frontier Communications
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Earle Carrion	Crown Castle NG West Inc.
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Tara Andrews	AT&T California
Ms. Kay Black	AT&T California
Mr. Todd M. Dailey	AT&T California
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Mr. Ben Coffee	City of Banning
Ms. Racheal Torres	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff

Ms. Bowie called the meeting to order at 2:17 p.m.

Agenda Item 1 - Review of prior month's minutes - Ms. Bowie opened the meeting by inquiring if there were any questions or concerns regarding the previous month's meeting minutes. There were no comments or concerns from any members. Minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder) – Ms. Bowie inquired if there any questions or updates. Ms. Bowie also inquired if Frontier has submitted their prices. Ms. Pranata

commented that the blank 2021 Pole Prices Matrix and the Definition of Pole Price Elements have not been sent to all members. One of the action items from last month was for the authorized costs committee to review the documents. Ms. Bowie inquired if the documents were in the last month's meeting. Ms. Pranata replied yes. Ms. Bowie then asked Ms. Pranata to send it out so everyone can vote on them or review them and provide updates. Ms. Pranata replied that any updates to the blank 2021 Pole Prices Matrix or the Definition of Pole Price Elements should be discussed in the authorized cost committee meeting. The final version of the two documents will be sent to all members. Mr. Williams inquired if anybody has any issues with the current blank 2021 Pole Prices Matrix and the Definition of Pole Price Elements. There were no comments or concerns from any members. The 2021 Pole Prices Matrix and the Definition of Pole Price Elements were approved by the authorized costs committee. Ms. Pranata will send the finalized version of the documents to all members.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices) – The authorized costs matrix document has been reviewed by the authorized costs committee and the blank matrix will be sent out to all members. The authorized costs committee will evaluate the prices after members have submitted their prices.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Bowie opened by inquiring if Frontier has submitted their updates and prices. Mr. Plaskey responded that Frontier has not submitted any updates however it should not prevent everything else from moving forward. He added Frontier was going to submit the time it took to do some of the functions. However, everything should be adjusted and submitted at the same time for the next authorized costs, for the next two years. Ms. Pranata inquired if the authorized costs committee is separating some of the authorized costs to power and communication costs. She explained she needs to know before the authorized costs matrix is sent to all members. Mr. Plaskey responded that the subject has not been discussed for several months. Mr. Plaskey then asked Mr. Williams the item numbers that need to be separated. Mr. Williams responded that he wanted to separate Section 3. The authorized costs committee needs to go through and see what other items should be separated. For example, a cut-and-kick for a comm company may not be the same as it is for a power company because of the vast amount of equipment up on top of a power company. He added performing a cut-and-kick with just communication on it will have a different price than if performing a cut-and-kick with equipment with power. However, it does not mean the comm company cannot use those authorized costs if they're doing the work and there's power on the pole. He explained there is a huge discrepancy in those costs, particularly on trenching a 110-foot pole. He added he does not see it happening so he would like to separate some of the costs and the authorized costs committee would need to go through the costs.

Mr. Plaskey commented that Mr. Williams had identified some other items that were of concern, for example, asphalt replacement. Mr. Williams

responded he was more concerned and would like to figure out why somebody's asphalt cost is more, why a temp asphalt cost is more than a concrete cost because temp asphalt is really just cold asphalt and it seems like some members are charging for a street repair. Mr. Plaskey commented that those have been reviewed and adjusted. He added the authorized costs committee needs to agree or disagree on Section 3. Mr. Williams asked Ms. Pranata to show the costs on WebEx. Mr. Plaskey commented the suggestion was to break out Section 3 and Section 4 to effectively have a 3A, 3B, 4A, and 4B. Mr. Plaskey commented Item 1661 has been tabled since the last time Mr. Williams attended the meeting. Mr. Williams commented transferring guy wire costs should be separated if it's a comm guy or a power guy because there are completely different things that companies should take into consideration. He added to do power guys, he had to cover the power, if power is backed up. He stated it does not necessarily going to affect communication companies. He gave an example, if Edison wants to transfer LADWP's guy wire or LADWP wants to transfer Edison's guy wire, those things should be considered. He is not sure if a comm company will ever transfer a power guy. However, LADWP transfers comm guys all the time, and charging a higher cost than comm companies should be charged because our costs are so much higher. He explained it would benefit the comm company. Mr. Plaskey agreed with Mr. Williams that Frontier does not want to get charged a blended cost for transferring on of our comm guys. Frontier rather gets billed for what the comm costs are. Mr. Plaskey commented from Frontier's perspective, power companies are the ones who are replacing the poles for Section 2 and Section 3. Frontier is not replacing a pole with power line so there is not an impact for us for costs per se. He added Frontier would agree to break apart the guy wire costs.

Mr. Williams then opened the discussion on items 19B and 19C of the authorized costs. If LADWP performs a cut-and-kick for the comm company, LADWP should not be charging the power costs to cut-and-kick a pole that has power. LADWP would just take, grab, and move the comm wires out of the way. Then LADWP would set a new pole. He concluded that item 19A, 19B, and 19C should be separated.

Mr. Plaskey inquired when do members need to submit authorized costs for the 2021-2022 cycle. Ms. Pranata responded that the file is sent in September, so the members have about two months to submit the costs. She added ideally the authorized costs committee could make a decision today. Mr. Plaskey inquired if separating and restructuring the costs would have to go to a vote to the membership. Mr. Williams responded that the membership could vote on it after all prices have been submitted. He added that during the review of the submitted costs, the authorized costs committee could also combine the costs if necessary. Mr. Williams stated the authorized costs committee could make those decisions later after members have submitted their costs. The authorized costs committee could get a better look at what the costs entailed. Mr. Plaskey inquired if Mr. Williams suggested to send this matrix out to all members now and evaluate all the submitted prices later. Mr. Williams replied yes. Mr. Plaskey agreed with Mr. Williams. Mr. Williams commented we should separate the costs now because some companies are getting the costs from contractors. In some

cases, costs for cut-and-kicking a pole will be different for power and comm. Mr. Williams added a vote is not needed at this time because the members are only submitting the costs, not approving them.

Ms. Pranata asked if Mr. Williams could repeat the item numbers that need to be separated. Mr. Plaskey responded that item 3 should be separated to 3A and 3B and item 4 should be separated to item 4A and 4B. Ms. Pranata inquired about item 10. Mr. Plaskey responded with no need to separate item 10. Mr. Williams commented item 19 should be separated. Mr. Plaskey commented item 19 should be separated to 19A, B, and C for power and 19D, E, and F for comm. He added they all would have the same verbiage however the new D, E, and F would be for comm. Mr. Williams commented that item 20 should be separated. Mr. Plaskey responded that item 20 can use the same methodology, 20A, B, and C for power and 20D, E, and F for comm. Mr. Williams commented anchors are OK and it would be the same costs for both, however, guy wires will have different costs. Mr. Plaskey commented item 110 should be separated to 110A, B, C, D, and E for power and 110 F, G, H, I, and J for comm. Mr. Williams commented to leave item 111 as is. Ms. Pranata inquired about item 115 – heel, toe, and breast blocks. Mr. Williams responded that both comm and power will have to support the pole so costs will not have a big difference. He added item 115 does not to be separated. Ms. Pranata informed the authorized costs committee that all items have been reviewed. Ms. Pranata then stated she will send the blank matrix out to all members. Mr. Plaskey commented that once everyone submitted their prices, the authorized costs committee will evaluate the prices and separate the prices if everyone agrees. Mr. Plaskey informed Mr. Treepaisan that he will complete this task and submit the prices to the SCJPC.

Ms. Bowie inquired about the due date to submit the prices. Ms. Pranata responded the due date is October 31, 2020, however, some members had asked for an extension.

Agenda Item 5 - Miscellaneous/ New Item numbers – Ms. Bowie opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Ms. Pranata to send out the blank 2021 Pole Prices Matrix and Definition of Pole Prices Elements to all members.
- Ms. Pranata to send out the blank 2021-2022 Authorized Costs matrix to all members.
- Members to submit pole prices and authorized costs by October 31, 2020.

The meeting adjourned at 2:42 p.m.

The next meeting is scheduled for September 16, 2020.

Angela Pranata – Committee Staff

2021 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)

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

(****) 7/8/2020 Please designate if you choose to publish your costs individually or be included in the weighted average

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For **Composite Fiberglass (CF)** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass Multi Pieces (CM) Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

7/8/2020

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For **Concrete** Pole Set/ Replacement

Please submit to SCJPC by:
October 31, 2020

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

2021 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
 October 31, 2020

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

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	N/A	N/A	N/A	N/A	N/A	N/A	741	615			2368		1394	3778	11	809	Comm = 642
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1166	N/A	N/A	N/A	N/A	N/A	N/A	741	738			2961		1743	3778	11	906	Power = 2,51
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1457	N/A	N/A	N/A	N/A	N/A	N/A	741	861			3355		2091	3778	11	984	
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A		984			4145		2440	3778	10	1135	
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1679	N/A	N/A	N/A	N/A	N/A	N/A					5132			5038	8	1271	
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1932	N/A	N/A	N/A	N/A	N/A	N/A					6316			5038	8	1419	
3- Lowering/Raising to Grade 90'-95'	Both	2060	N/A	N/A	N/A	N/A	N/A	N/A					7401			5038	8	1555	Comm= 954
3- Lowering/Raising to Grade (one operation) 100'	Both	2143	N/A	N/A	N/A	N/A	N/A	N/A					7994			5038	8	1629	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	N/A	N/A	N/A	N/A	N/A	N/A		984			1954		4183	2519	10	964	
4- Straightening in Earth 70'-75'	Both	1582	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 80'-85'	Both	1843	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 90'-95'	Both	1871	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
4- Straightening in Earth 100'	Both	3400	N/A	N/A	N/A	N/A	N/A	N/A					1954			5038	8	874	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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: Add'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	2100	2100	2100	2100	2100	2100	389	308	1187	2021	403		1271	860	13	1464	
10-C Cement saw cut brk&repair-based on 25 square feet	Both	999	1500	1500	1500	1500	1500	1500	559	677	1311	2021	1154		1784	1127	13	1356	
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	681	3000	3000	3000	3000	3000	3000	847	677		3932	1869			1127	11	2405	
10-E ADA accessible ramp	Both	12328	2500	2500	2500	2500	2500	2500	1219	2461						1127	9	2201	
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	

SCJPC Authorized Cost Matrix Worksheet
Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	
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 minimum	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	400	400	400	400	400	400	251	185		597	632		644		11	428	
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																			

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: "INTERFERE"
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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-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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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: 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	810	810	810	810	810	810	378	554		586			697	724	11	709	
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	810	810	810	810	810	810		554			1367		697		9	831	
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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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!	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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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.																			
Power2620																		#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	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	

Effective January 2019 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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 - CHANGES RECEIVED FROM: ATT CA, TCA, ATC, NXT, LAC, SPR, FON.

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 Cost ad hoc Committee
did not meet in September 2020.**

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

October 21, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:46 p.m. via teleconference. **Those in attendance were:**

Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. Jeff Williams	City of Los Angeles – DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Joe Serrato	Crown Castle NG West Inc.
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Maria Ortiz	XO Communications
Ms. Kay Black	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Ms. Sherri Duchateau	Bear Valley Electric Service, Inc.
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Ben Coffee	City of Banning
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Ms. Bowie called the meeting to order at 12:46 p.m.

Agenda Item 1 - Review of prior month's minutes - Ms. Bowie opened the meeting by inquiring if there were any questions or concerns regarding the September 2020 month's meeting minutes. There were no comments or concerns from any members. Ms. Pranata clarified the last meeting minutes were from August 2020 since the committee did not meet in September. August 2020 minutes were approved as written.

Agenda Item 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder) – Ms. Bowie went over the plans made in the August 2020 meeting. Ms. Pranata was to email the committee the final version of the Pole Price Matrix along with the Definition of Pole Price Elements so they could get their pole prices submitted. Ms. Bowie then confirmed the committee members had received the email. Members confirmed they did receive the information and are working on getting their pole prices submitted.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices) – Ms. Bowie then reminded the committee they were to review the 2021-2022 blank Authorized Costs Matrix and submit their prices by October 31, 2020. Ms. Pranata confirmed that the due date was correct. Ms. Pranata then informed the committee she has received pole prices from five members so far and has received Authorized Cost Pricing from one member. She then offered to send out a reminder email to all remaining members. Mr. Brown informed Ms. Pranata that he reached out to his contact person yesterday and she informed him that her team was depleted, but she would get the pricing done as soon as possible. Mr. Brown stated Edison will be turning theirs in. Mr. Plaskey then asked Ms. Pranata if the one member that submitted Authorized Costs was in fact Frontier and she confirmed that it was. Ms. Ortiz then agreed that Ms. Pranata should send out a reminder to all remaining members. Ms. Pranata agreed to send out a reminder email for both Authorized Costs as well as Pole Prices. Ms. Bowie then asked the committee if they had anything else to add for Agenda items 2 and 3. Mr. Plaskey then added that the committee definitely needs pole pricing and authorized costs pricing submitted by October 31st since November will be the last month the committee meets in 2020. Mr. Plaskey then asked Ms. Pranata if she agreed with needing pricing by January 2021. Ms. Pranata agreed, but noted that the committee does not usually get JPAs with a date sent of 2021 at the beginning of the year so it should be fine if the members approved pricing in January of February 2021.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Bowie opened by reviewing authorized cost items the committee had agreed to separate costs by adding additional item numbers in order to separate power pricing from comm pricing. She then asked Ms. Pranata if she was able to add these items before she sent out the Authorized Costs Matrix for 2021-2022 Authorized Costs. Ms. Bowie then briefly listed items 3A, 3B, 4A, 4B, 19, and 20 as items that were supposed to be separated between power and comm. Ms. Pranata informed Ms. Bowie that she was correct. Mr. Plaskey confirmed that these changes were reflected in the updated Authorized Costs matrix Ms. Pranata sent out to all members. Mr. Plaskey informed the committee that the next step will be for Ms. Pranata to provide two separate solutions once she receives pricing from all members. One will have the pricing separated and the other with the way it currently exists today. Ms. Bowie then asked if she should wait until the committee receives these scenarios from Ms. Pranata or

should they close the item now since Ms. Pranata has already separated those costs. Mr. Plaskey stated the item stays open until all the pricing has been submitted by members and Ms. Pranata has had a chance to compile the information needed for the two solutions. Once this is done the committee can decide as to which solution they want to move forward with. Ms. Bowie agreed to do this.

Agenda Item 5 - Miscellaneous/ New Item numbers – Ms. Bowie opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Members to submit Pole Prices for 2021 by October 31, 2020.
- Members to submit Authorized Costs for 2021-2022 by October 31, 2020.

The meeting adjourned at 12:54 p.m.

The next meeting is scheduled for November 18, 2020.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

279 E. Arrow Hwy, Suite 104

San Dimas, CA 91773

Phone (909) 599-3801

Fax (909) 599-3825

November 18, 2020

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:02 a.m. via teleconference. **Those in attendance were:**

Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Bret Plaskey	Frontier Communications
Mr. Joe Serrato	Crown Castle NG West Inc.
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Maria Ortiz	XO Communications/MCI Metro ATS/MCI Telecommunications
Ms. Kay Black	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Yvonne Johnson	AT&T Mobility
Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Sherri Duchateau	Bear Valley Electric Service, Inc.
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Ben Coffee	City of Banning
Mr. Scott Lewis	Mobilitie, LLC
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Cory Crawford	AT&T California
Ms. Amanda Lindgren	City of Glendale
Mr. Kendrew Chung	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Ms. Bowie called the meeting to order at 11:02 a.m.

Agenda Item 1 - Review of prior month's minutes - Ms. Bowie opened the meeting by inquiring if there were any questions or concerns regarding the

October 2020 month's meeting minutes. There were no comments or concerns from any members.

Agenda Item 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder) – Ms. Bowie asked the members if they were able to make the October 31st, 2020 deadline. She then asked Ms. Pranata for an answer on this matter. Ms. Pranata informed the committee she included a spreadsheet in the monthly packet which shows the five members that have not submitted their Pole Prices. She then informed the committee these five members have requested an extension and asked the committee if they would provide a new deadline for her to forward to these members. Ms. Bowie then asked if the five members in question which able to give the committee an idea of how much more time they would need on their extension. Ms. Pranata informed the committee that not all members were on the call but Edison, LADWP were on the call. Unfortunately, City of Burbank and City of Pasadena were not on the call. Mr. Brown informed the committee that Edison has completed their pole prices and Authorized Costs are about 95% completed. Edison is working on pricing for work they have not billed before so they are working on getting hours worked confirmed. Mr. Brown plans to have the Authorized Costs completed and emailed to Ms. Pranata in sometime in the following week. Mr. Bacon suggested a new deadline of November 27th, 2020. He explained LADWP is still working on their pole prices. Mr. Bacon then asked Ms. Pranata if November 27th, 2020 would be soon enough for her and if so, he asked the committee if that date would work for them. Mr. Brown confirmed that date would work for Edison and Ms. Pranata also confirmed this date would work for her, noting the committee would not meet in December so the next time the committee would be meeting would take place January 2021. Mr. Bacon then asked Ms. Pranata to change the due date for Pole Prices to November 27th, 2020, Ms. Pranata agreed to do so. Ms. Bowie then moved on to Agenda Item 3.

Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices) – Ms. Bowie clarified that the November 27th, 2020 extension applied to Authorized Costs as well as Pole Prices. Ms. Pranata and Mr. Brown confirmed that was correct. Ms. Bowie moved on to Agenda Item 4.

Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19) – Ms. Bowie informed the committee they were to evaluate the highlighted prices and submit their prices. She then stated that this had already been done and asked Ms. Pranata to confirm. Ms. Pranata explained the committee is currently waiting for all members to submit their 2021-2022 Authorized Costs so they can review it. Ms. Bowie then asked if there was anything she was missing on this item and Ms. Pranata reiterated that they are currently waiting on all members to submit their Authorized Costs to her so she can compile a spreadsheet. Ms. Bowie then moved on the Agenda Item 5.

Agenda Item 5 - Miscellaneous/ New Item numbers – Ms. Bowie opened the floor to any miscellaneous items. There were none at this time.

Agenda Item 6 - Review of Action Items:

- Members to submit Pole Prices for 2021 by November 27, 2020.
- Members to submit Authorized Costs for 2021-2022 by November 27, 2020.
- Ms. Pranata to compile the weighted average matrix for Pole Prices as well as the Authorized Costs average spreadsheet for 2021.

The meeting adjourned at 11:08 a.m.

The next meeting is scheduled for January 20, 2021.

Jenny Silva – Committee Staff

Southern California Joint Pole Committee
Authorized Costs & Pole Prices Submissions

	Member Code	Member Name	2021-2022 Auth Costs	2021 Individual PP	2021 Weighted Average PP	Comments		2019-2020 Auth Costs	2020 Individual PP	2020 Weighted Average PP	Comments	
1	E	Edison				Requested extension for PP and 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				Requested extension for PP and AC		AC	I			M
5	NG	Crown Castle NG West Inc.				Did not submit any prices in 2019					Did not submit any prices in 2019	NG
6	ATC	Verizon Wireless	AC		WA			AC		WA		ATC
7	J	City of Riverside				Did not submit any prices in 2019					Did not submit any prices in 2019	J
8	D	City of Anaheim				Did not submit any prices in 2019					Did not submit any prices in 2019	D
9	TCA	Teleport Comm. America, LLC	AC		WA			AC		WA		TCA
10	A	City of Glendale			WA					WA		A
11	ATS	MCI Metro/ATS				Submitted PP but didn't choose I or WA						ATS
12	B	City of Burbank		I		Requested extension for AC		AC	I			B
13	MP	City of Pasadena				Waiting for MP's response			I			MP
14	TWC	Time Warner Cable			WA					WA		TWC
15	BVE	Bear Valley Electric				Requested extension for PP and AC		AC	I			BVE
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 any prices in 2019					Did not submit any prices in 2019	F
19	MA	City of Azusa		I		First time submitting Pole Prices						MA
20	COB	City of Banning				Did not submit any prices in 2019					Did not submit any prices in 2019	COB
21	LLW	City of Lompoc	AC	I				AC	I			LLW
22	MCI	MCI Telecomm			WA							MCI
23	V	City of Vernon	AC	I				AC	I			V
24	SPR	Sprint Nextel Corp.	AC		WA			AC		WA		SPR
25	ICG	Mpower Comm				Did not submit any prices in 2019					Did not submit any prices in 2019	ICG
26	PBM	T-Mobile USA				Did not submit any prices in 2019					Did not submit any prices in 2019	PBM
27	FON	Sprint Comm, LP	AC		WA			AC		WA		FON
28	EXT	ExteNet Systems				Will not submit prices				WA		EXT
29	AMT	ATC-Outdoor DAS, LLC				Did not submit any prices in 2019					Did not submit any prices in 2019	AMT
30	MOB	Mobilitie, LLC				Did not submit any prices in 2019					Did not submit any prices in 2019	MOB
Total Submitted Costs			10	8	8			14	10	8		
			2021-2022 Auth Costs	2021 Individual PP	2021 Weighted Average PP			2019-2020 Auth Costs	2020 Individual PP	2020 Weighted Average PP		